



Survey Monitoring Report North Bengal 2022-2023

**Government of West Bengal
Directorate of Forests
Monitoring (North) Division
Monitoring Circle**

Survey Monitoring Report 2022-23 (NB)

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PROLOGUE


Monitoring of plantations created by the Forest Divisions is a needful mechanism to assess the quality of plantations. Survey Monitoring Reports 2022-23 in respect of plantations raised under State Plan North Bengal is now being published in this volume. This report deals with plantations raised with fund during the years 2022-23 spread over 634.07(1st year Monitoring) in Economic Miscellaneous (272.81 ha), Economic Sal (97.26 ha), Grass Fodder (55.0 ha) and Strip Plantation (209.0ha) schemes. Plantations were raised in different Forest Divisions of North Bengal. Overall, plantations have shown higher level of success with a weighted survival percentage of 84%.The plantation created under State plan during the year 2020-21 spread over 1048.43ha.(3rd year Monitoring) In Economic Miscellaneous (453.43ha). Grass Fodder (395.0 ha.), Strip (170.00ha) MGNREGS (30.0 ha) Schemes. Plantations were raises in deferent Forest Division of North Bengal. Overall, plantations have shown higher level of success with a weighted Survival Percentage of 56%. The plantation created under State plan during the year 2018-19 spread over 1159.06 ha. (5th year Monitoring) in Economic Miscellaneous (607.23ha). Economic Sal (61.83), Strip (490.00ha), Schemes. Plantations were raises in deferent forest Division of North Bengal. Overall, plantations have shown higher level of success with a weighted Survival Percentage of 57%.

Suggestions received during the presentation on Draft Monitoring Report 2022-23 held at Aranya Bhawan on 3rd December, 2024 have also been incorporated in this report. Instructions and recommendations received in the said meeting by the superior authority has been followed in this report also.

I congratulate al Range Officers who could complete the huge field work timely inspite of new financial operating guidelines of the Government.

I appreciate the effort of Monitoring team led by the Divisional Forest Officer, Monitoring (North) Division in bringing out this report in time. I extend my personal gratitude to all my colleagues for their advice and co- operation.

Date :- 04/02/2025


Conservator of Forests,
Monitoring Circle, WB

ACKNOWLEDGEMENT

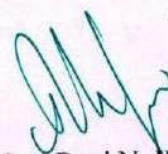
The Divisional Forest Officer, Monitoring (North) Division and her team undertook the following works with respect to Monitoring of Plantations and the final publication of Monitoring report.

1. Collection of preliminary data on plantations to be monitored from various Divisional Forest Officers of North Bengal.
2. Verified the data in field by collecting Regeneration Map and FORM-1.
3. The team of Monitoring (North) Division conducted Monitoring in the field.
4. After field work, compiled the data and sent to all the DFOs for their rectification if any and also for their comments.
5. Prepared the Draft Monitoring Report and submitted to Conservator of Forests, Monitoring Circle.
6. Then included the corrections and suggestions of CF, Monitoring Circle in the report.
7. Finally the report is published.

I sincerely acknowledge the suggestions and continuous guidance provided by Principal Chief Conservator of Forests, Research, Monitoring and Development, West Bengal, Additional Principal Chief Conservator of Forests, Research and Monitoring, West Bengal, Chief Conservator of Forests, Monitoring and Evaluation, West Bengal, Conservator of Forests, Monitoring Circle, West Bengal.

I extend my sincere thanks to all the CCFs and DFOs of North Bengal for extending their cooperation during monitoring of their plantations and also for providing the data timely.

I would like to appreciate all the Range Officers and their field staff for completing the monitoring works timely and also would like to acknowledge the Data Bank Range and the Office staff, Data Entry Operators for compiling all the data and for preparing this report.



(Uma Rani N, IFS)
Divisional Forest Officer,
Monitoring (North) Division.

POWER POINT PRESENTATION

A Power Point Presentation regarding Plantation Monitoring Report of STATE – PLAN for Monitoring (North) Division was held on 03/12/2024 at 6th floor, Conference Room of Aranya Bhawan.



ABBREVIATIONS

Scheme:-

Sl. No.	Scheme in abbreviation	Scheme in full form
1)	Economic Sal	2406-FWL-01-Economic Plantation-Sal plantation.
2)	Eco.-Misc.	2406-FWL-01-Economic Plantation-Misc. plantation.
3)	Strip	2406-02-112-Public Garden-SP- 006-Strip Plantation/Farm Forestry

Divisions:-

Sl. No.	Name of Division in abbreviation	Name of Division in full form
1)	BKP	Baikunthapur
2)	BTR(E)	Buxa Tiger Reserve (East)
3)	BTR (W)	Buxa Tiger Reserve (West)
4)	COB	Coochbehar
5)	DRJ	Darjeeling
6)	JPG	Jalpaiguri
7)	JPG SF	Jalpaiguri Social Forestry
8)	KPG	Kalimpong Forest
9)	KGN	Kurseong Forest
10)	KGN SC	Kurseong Soil Conservation
11)	MLD	Malda
12)	RGJ	Raiganj
13)	SC (N)	Soil Conservation (North)
14)	SLG SF	Siliguri Social Forestry
15)	DRJ WL	Darjeeling Wild Life
16)	GMR WL	Gorumara Wild Life
17)	JPD WL	Jaldapara Wild Life

Abbreviations:-

Sl. No.	Abbreviation used	Full form
1	Avg.	Average
2	BHG	Breast height girth
3	GT	Grand Total
4	SP	Survival Percentage
5	WC	Working Circle
6	WSP	Weighted Survival Percentage
7	YOP	Year of Plantation
8	WPS	Weighted Performance Score
9	CV	Co-efficient of variation

CALENDER OF WORKS

(O.O. No. 05/PCCF/R&M/2M-4 dt. 6.11.06 read with Memo No. 165-176/PCCF-RMD/2M-4 dated 26.06.2009)

Date	Activity	Action
April-May	Placement of Fund of CF/Monitoring by PCCF/West Bengal in respect of Directorate Fund	CCF Finance
th 30 Sept	Regeneration Plan Map along with Plantation Journals (Compete up to date)	R.O.s of other Divisions to be directed by concerned DFOs to make these available to the R.O.s of Monitoring Divisions
st 1 Oct	Placement of Fund to DFO/Monitoring by territorial DFOs in respect of Non-Forest Dept [GoWB] funds [Civil Deposits]	Planting DFOs
th 15 Oct	Starting Field Survey of Plantations	DFO/Monitoring (North) & DFO/Monitoring (South)
th 28 Feb	Finishing Field Survey of Plantations raised with funds from Forest Dept.	Do
st 31 Mar	Finishing Field Survey of Plantations raised with funds from civil deposits.	Do
th 10 May	Circulation of survey data to DFOs for verification & comments.	Do
st 31 May	Last date of receipt of comments from concerned DFOs/CFs.	DFOs / CFs
th 15 Jul	Draft Monitoring Report (2 volumes)- Circulation for Comments to DFOs, CFs & CCFs.	DFO/Monitoring (N) & DFO/Monitoring (S)
st 31 Jul	Last Date for Receipt of Comments	Other DFOs, CFs & CCFs
th 15 Aug	Draft (Power Point) Presentations [2 No. for North & South Bengal] of CF/Monitoring.	CF/Monitoring to prepare & CCF/ME & SC to approve
th 20 Aug	(Power Point) Presentations in North Bengal by CF/Monitoring.	DFO/Monitoring (North) Divn. & CF/MC
th 30 Aug	(Power Point) Presentations in South Bengal by CF/Monitoring.	DFO/Monitoring (South) Divn. & CF/MC
th 15 Sep	Draft Monitoring Report (2 volumes)	Vetting by PCCF/RM&D through proper Channel
th 30 Sep	Final Report (2 volumes) – Publication and Distribution.	DFO/Monitoring (N) & DFO/Monitoring (S)
th 15 Nov	Draft State Monitoring Report (1 volume)	CF/Monitoring to submit to CCF/ME&SC & PCCF/RMD
th 30 Nov	Final State Monitoring Report (1 volume) Publication and Distribution	CF/Monitoring

INTRODUCTION

Monitoring is an ongoing activity which analyses the progress of planned activity. Evaluation assesses the efficiency, impact relevance and sustainability of the project's action. Monitoring and evaluation also helps to improve the planning of a project. Monitoring and evaluation also signifies not only the quality of plantation but also to assess the parameters followed in the prescription of the plantation.

The main objective of the monitoring are

- To monitor physically and document the status of plantations under State Plan by means of random sampling method.
- To evaluate the some activities of steps of creation of plantation, survival & health of plantations emphasizing on the parameter of height for 1st and 3rd year plantation & height and GBH for 5th year plantation.

During the Financial Year 2023-2024 Monitoring (North) Division has executed the Survey

Monitoring works for the plantations as stated below:

Plantation	Year of Monitoring	Total Area in Ha.	Area monitored in Ha.
2022	1 st	636.07	634.07
2020	3 rd	1048.43	1048.43
2018	5 th	1159.06	1159.06
		2843.56	2841.56

MONITORING METHODOLOGY

The analysis has been carried out and result achieved on the basis of data recorded in the prescribed Survey Monitoring data sheets.

The individual plantation data in a compiled form was circulated to the concerned Divisional Management Unit and their respective Conservator of Forests/Chief Conservator of Forests in advance for checking of data & comments. This helped them to replace the casualties & take other remedial measures targeted towards improvement of quality of plantations. The feedback received has been considered in the compilation of draft monitoring report.

Three major parameters viz. survival percentage, height and girth at breast height (only for 5th year plantation) of seedling are taken into consideration for the process.

The other parameters viz. maintenance of plantation journal, sources of seed for raising nursery, time schedule of activity of creation stage & frequency of field visit of the supervising authority etc are also considered in performance scoring of the plantation, the detail of which is given in the new monitoring methodology.

The above parameters are measured in the field in individual patch of the plantation by random sampling method. The procedure is given below:-

For the purpose of execution of survey & monitoring works the Statistical random sampling method is in practice.

The sampling intensity and size of sample plot for different ages of plantation is given below-

Sl. No.	Age of plantation	Sampling intensity	Size of sample plot	Data recording
1)	1 st year	7.5% of the area	50mt.X50mt.	No of seedling species wise & height class wise
2)	3 rd year	5% of the area	50mt.X50mt.	No of seedling species wise & height class wise
3)	5 th year	5% of the area	50mt.X50mt.	No of seedling species wise, height class wise & girth at breast height

Pre-survey Works

1. Copies of regeneration maps along with plantation journals are collected from the respective Divisions.
2. Location, area, spacing, planting scheme etc. are also recorded as check list.
3. A grid line as per scale is laid over the map with quadrates of 50m x 50m & each grid is serially numbered.
4. Numbers of Sample plots (grids) are chosen randomly using the statistical random number table.

Field works

1. The selected sample plots are identified in the field.
2. Boundary corners are clearly marked with raised earthen mound topped with painted peg and geo-location is recorded.
3. Total enumeration is carried out species wise and in respect of height class intervals and also girth at breast height for the 5th year plantation.
4. The area of plantation is checked in the field by traversing with GPS.
5. At the time of Survey & Monitoring, the staff of respective FMU remains present & put their initials on the data sheets as the sign of authentication.

Calculation of Survival percentage

As per approved spacing, total number of seedlings that should be present in those plots is calculated. Survival percentage is found out as the ratio of actual number of seedlings to the prescribed number.

Category wise Survival percentage of plantation

According to the survival Percentage the plantations are classified as follows-

Year of plantation	Category A	Category B	Category C	Category D
1 st year	SP : 90% & above	SP:89-75%	SP:74-50%	SP:<50%
3 rd year	SP : 75% & above	SP :74 - 60%	SP:59-40%	SP:<40%
5 th year	SP : 50% & above	SP :49 - 40%	SP:39-30%	SP:<30%

Monitoring of Grass Fodder Plantations

The Grass Fodder Plantations being distinct from Sal & Miscellaneous plantations, a new monitoring methodology has been adopted to make it more precise and technically sound. The following basic principles have been introduced to overcome the anomalies present in existing system:-

1. **Neither Height nor the Collar Girth measurements shall be taken in the grass plantations.**
2. Since the plant density is high enough (i.e 1.0 mt. x 1.0 mt.) **only five (5) Average Survival % Classes** have been taken to make the field monitoring exercise less cumbersome.
3. **Assessment of General Health of Seedlings.** It shall be done on the basis of **Average number of tiller/stems per clump.** It would pre-empt the issue of grazing by wildlife.

Besides, the report pertaining to the Grass Fodder Plantations has also been shown separately.

In the earlier method of plantation monitoring emphasis was given only on the weighted survival percentage for assessment of plantation quality. Although the data on height and girth at breast height were recorded but little use were made of those data in analysis of the quality of the plantation. The present adopted method of plantation monitoring emphasizes on the different parameters which are prerequisites for raising a good quality plantation. Ten such parameters have been identified. These parameters have been broadly classified into following three categories.

1. **Conformity to the existing rules, provisions and guidelines.**
2. **Execution of Plantation works in the field.**
3. **Performance of the plantation.**

Each category has been assigned a score which varies with the age of the plantation, but the total score is kept 100 for all age category of the plantation. The total score of each category is sub divided among the parameters grouped under each category. The detail of parameter in each group is given below-

Conformity to the existing rules, provisions and guidelines consists of four parameters-

1. Legal status of land.
2. Source of seed & status of nursery.
3. Maintenance of plantation journal, regeneration plan.
4. Planting pattern.

☐ **Execution of Plantation works in the field consists of four parameters-**

1. Site quality & choice of species.
2. Mechanism to protect plantation.
3. Timely completion of prescribed plantation activities.
4. Inspection intensity by supervising officers.

☐ **Performance of the plantation consists of two parameters-**

1. Average survival percentage of seedling under different schemes during 1st, 3rd, 5th year.
2. Reflection of general health of plantation by average height of seedlings under different scheme of 1st, 3rd & 5th year of plantation. For the 5th year old plantation another growth parameter which is girth at breast height (GBH) is recorded as a measure of performance.

Each parameter is assigned a maximum score which diminishes with the gradual non achievement of the definite parameters and reflected in score. The category and parameters have been standardized separately for 1st, 3rd & 5th year old plantation with year (age) specific assigned score.

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The detail of score for each category is given below-

Scoring index for 1st year old plantation

Broad category	Detail of parameters	Score
Conformity to the existing rules, provisions and guidelines.	Legal status of the land.	3
	Source of seed and status of nursery.	3
	Maintenance of plantation journal along with regeneration map.	3
	Planting pattern.	3
Execution of Plantation works in the field.	Site quality & choice of species.	5
	Mechanism to protect plantation.	5
	Timely completion of prescribed plantation activities.	5
Performance of the plantation.	Inspection intensity by supervising officers.	5
	Average survival percentage	51
	General health of plantation	17
Total		100

Scoring index for 3rd year old plantation

Sl. No.	Detail of parameters.	Score
1	Maintenance of plantation journal along with regeneration map	5
2	Mechanism to protect plantation	5
3	Infilling with big size seedling	10
4	Timely completion of prescribed plantation activity	5
5	Inspection intensity by supervising officers	5
6	Average Survival Percentage	51
7	General health of the seedling (Height)	19
Total		100

Scoring index for 5th year old plantation

Sl. No.	Detail of parameters.	Score
1	Maintenance of plantation journal along with regeneration map	3
2	Mechanism to protect plantation	5
3	Inspection intensity by supervising officers	5
4	Average Survival Percentage	56
5	General health of the seedling (Height)	21
6	Average GBH of seedling	10
Total		100

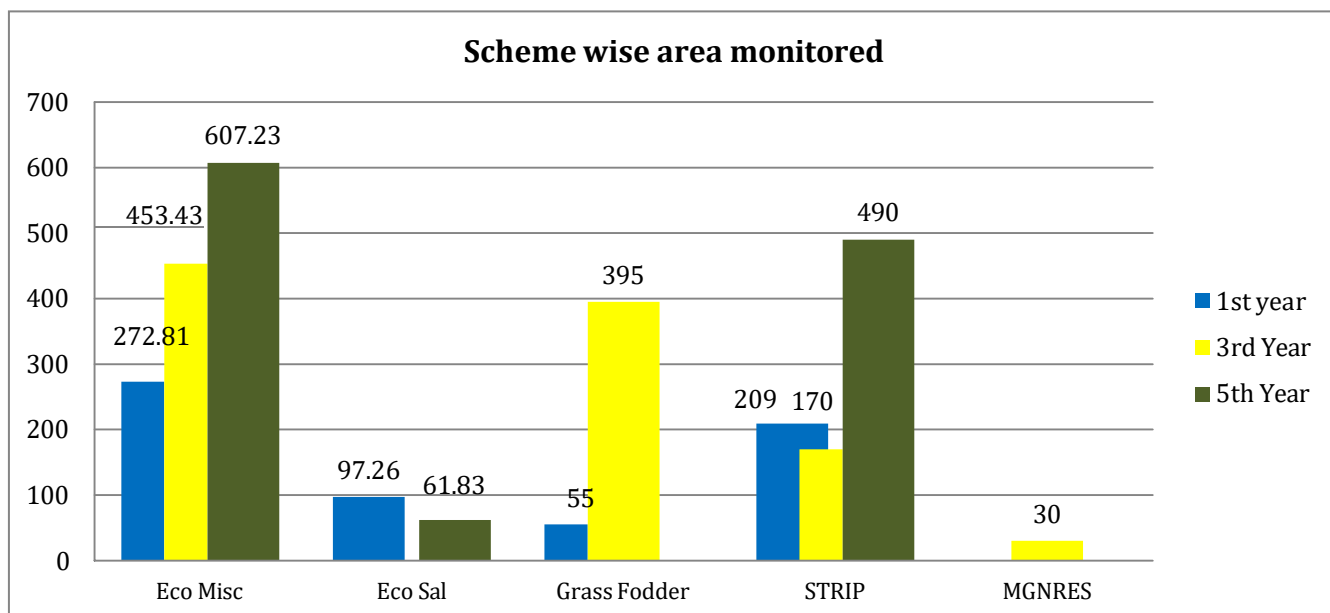
Table for colour code

Grade	Score (1 st)	Score (3 rd)	Score (5 th)	Color code
Excellent	=> 85	=> 75	=> 60	
Very Good	71-84	61-74	45 - 59	
Good	46-70	46-60	30 - 44	
Average	31-45	31-45	16 - 29	
Poor	=< 30	=< 30	<= 15	

AREA STATEMENT OF 2022, 2020 AND 2018 OF PLANTATION

Area in Ha.
Table No. - 1

SL No.	Scheme of Plantation	1st Year (2022)		3rd Year (2020)		5th Year (2018)		Grand Total of Three Years	
		Total Area (Ha)	Monitored Area (Ha)	Total Area (Ha)	Monitored Area (Ha)	Total Area (Ha)	Monitored Area (Ha)	Total Area (Ha)	Monitored Area (Ha)
1	Eco Misc	274.81	272.81	453.43	453.43	607.23	607.23	1335.47	1333.47
2	Eco Sal	97.26	97.26			61.83	61.83	159.09	159.09
3	Grass Fodder	55	55	395.00	395.00			450	450
4	STRIP	209	209	170.00	170.00	490	490	869	869
5	MGNREGS			30.00	30.00			30	30
G. Total:-		636.07	634.07	1048.43	1048.43	1159.06	1159.06	2843.56	2841.56



ABSTRACT:

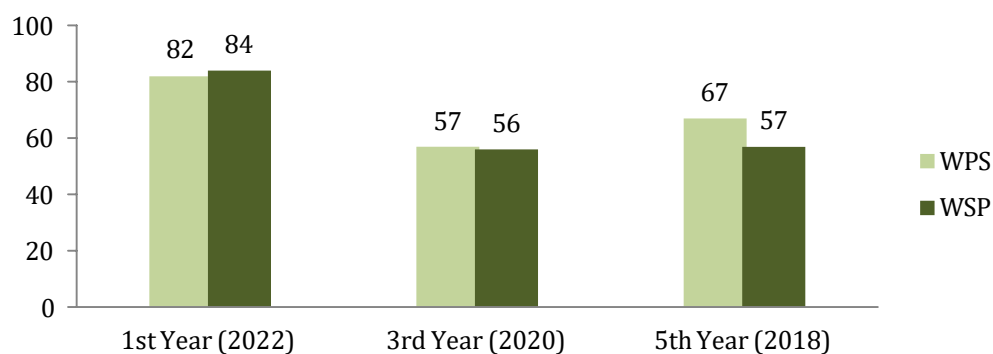
- The total plantation area monitored during the year 2022-23 was 2841.56 ha which were done in five different schemes.
- Out of total 2841.56 ha plantations monitored, 634.07 ha, 1048.43 ha & 1159.06 ha belonged to 1st year, 3rd year and 5th year respectively.

OVERALL WSP 1st, 3rd & 5th YEAR PLANTATION

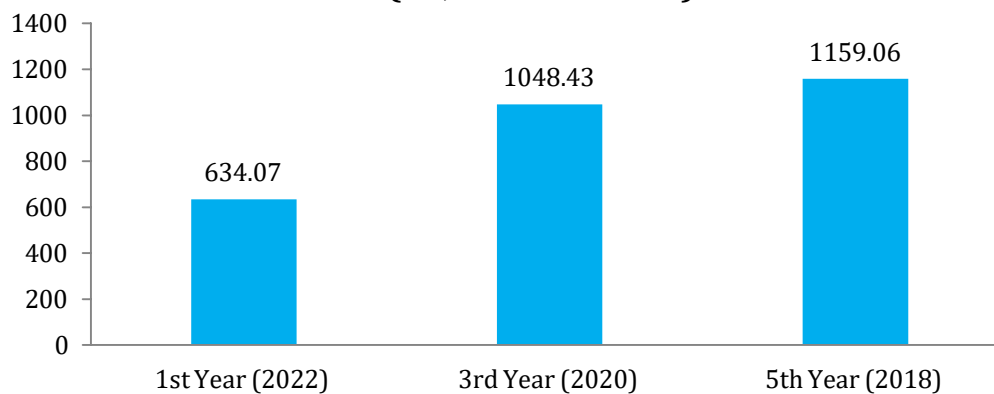
Area in ha.
Table No. 2

Year	Area (ha)	WSP	Category	WPS	Grade	Year of Monitoring
1st Year (2022)	634.07	84	B	82	Very Good	2022-23
3rd Year(2020)	1048.43	56	C	57	Good	
5th Year (2018)	1159.06	57	A	67	Very Good	

Overall WPS & WSP



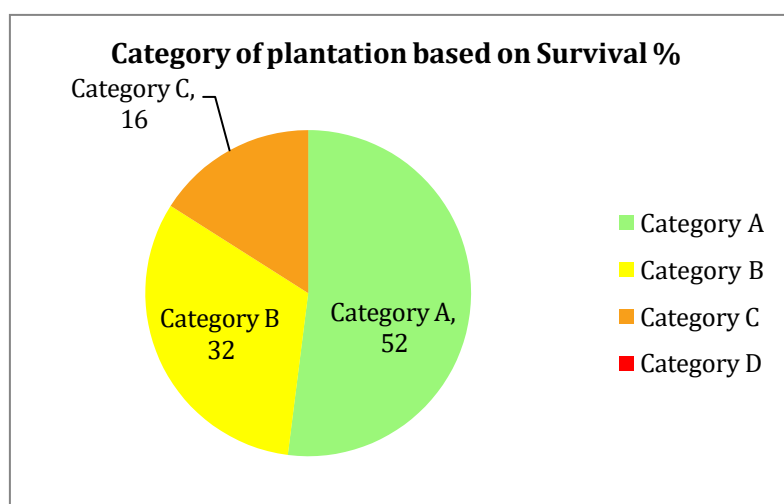
Area (1st, 3rd & 5th Year)



**DIVISION WISE WEIGHTED SURVIVAL PERCENTAGE
(1ST YEAR PLANTATION, YEAR-2022)**

Area in ha.
Table No. 3

Division / Scheme	Eco Misc.		STRIP		Eco Sal.		Total Area (Ha)	Division Wise WSP	Division wise Category on WSP
	Area	WSP	Area	WSP	Area	WSP			
BTR (East)	10	72					10	72	C
BTR (West)	30	62					30	62	C
Darjeeling	8	96					8	96	A
Kurseong	15	52					15	91	A
Jalpaiguri Social Forestry			36	93			36	93	A
Siliguri Social Forestry	35	81	10	96			45	92	A
Raiganj	7	90	113	98			120	98	A
Malda			50	99			50	99	A
Jalpaiguri					97.26	79	97.26	79	B
Jalpaiguri Soil Conservation	90	70					90	70	B
Kurseong Soil Conservation	20	92					20	92	A
Kalimpong	15	96					15	96	A
Darjeeling Wild Life	20.31	65					20.31	65	C
Silviculture North	22.5	64					22.5	64	C
Total:-	272.81	73	209	97	97.26	79	579.07	85	B



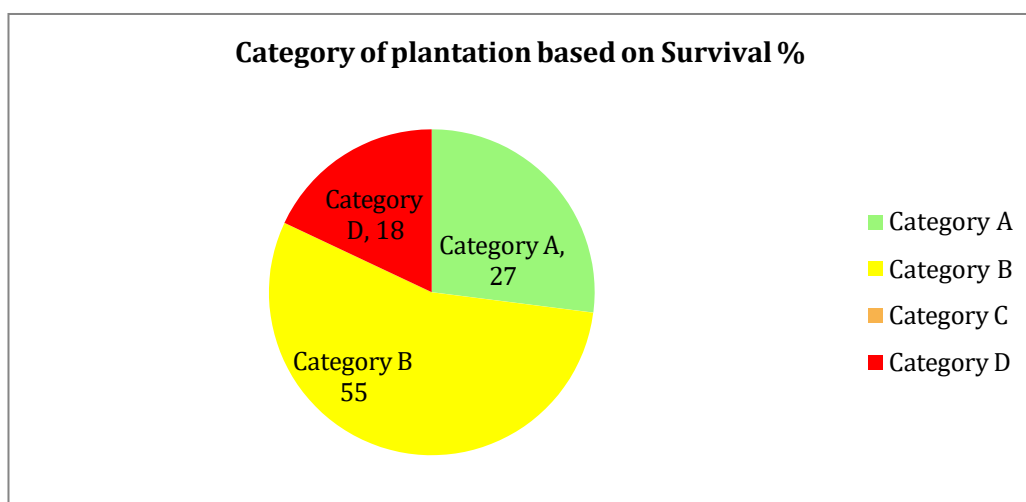
ABSTRACT:

- 52% of the plantations belonged to category A.
- 32% & 16 % areas belonged to category B & C respectively.
- There is no plantation under category D.

**DIVISION WEIGHTED SURVIVAL % OF GRASS FODDER PLANTATIONS
(1ST YEAR PLANTATION, YEAR-2022)**

Area in ha.
Table No. 3.1

Division/ Scheme	Grass Fodder		Total Area(Ha)	Division Wise WSP	Division wise Category on WSP
	Area	WSP			
Coochbehar	20	85	20	85	B
BTR (W)	10	70	10	70	B
BTR (E)	10	0	10	0	D
Kurseong	5	90	5	90	A
DRJ WI	10	92	10	92	A
Total:-	55	69	55	69	C



ABSTRACT:

- The total target area for monitoring of Grass Fodder Plantation was 55.00ha.
- 27% area of the total plantation comes under Category A, 55% falls under Category B & the rest 18% falls under Category D.
- There is no area under Category C.

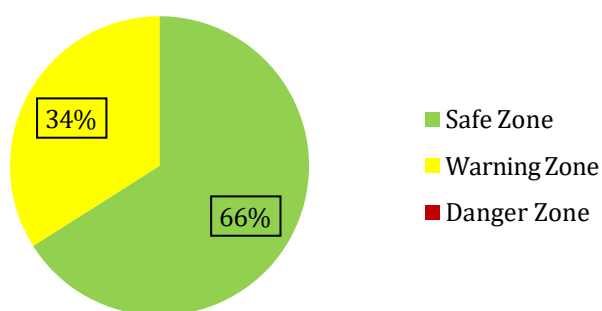
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DIVISION WISE WEIGHTED PERFORMANCE SCORE (1ST YEAR PLANTATION, YEAR-2022)

Area in ha.
Table No. 4

Division/Scheme	Eco Misc.		STRIP.		Eco Sal		Total Area (Ha)	Division Wise WPS
	Area	WPS	Area	WPS	Area	WPS		
BTR (East)	10	61					10	61
BTR (West)	30	58					30	58
Darjeeling	8	99					8	99
Kurseong	15	66					15	66
Jalpaiguri Social Forestry			36	92			36	92
Siliguri Social Forestry	35	70	10	96			45	91
Raiganj	7	87	113	95			120	98
Malda			50	99			50	99
Jalpaiguri					97.26	87	97.26	87
Jalpaiguri Soil Conservation	90	64					90	64
Kurseong Soil Conservation	20	90					20	90
Kalimpong	15	98					15	98
Darjeeling Wild Life	20.31	66					20.31	66
Silviculture North	22.5	67					22.5	67
Total:-	272.81	70	209	95	97.26	87	579.07	84

Category of Plantation based on Performance score



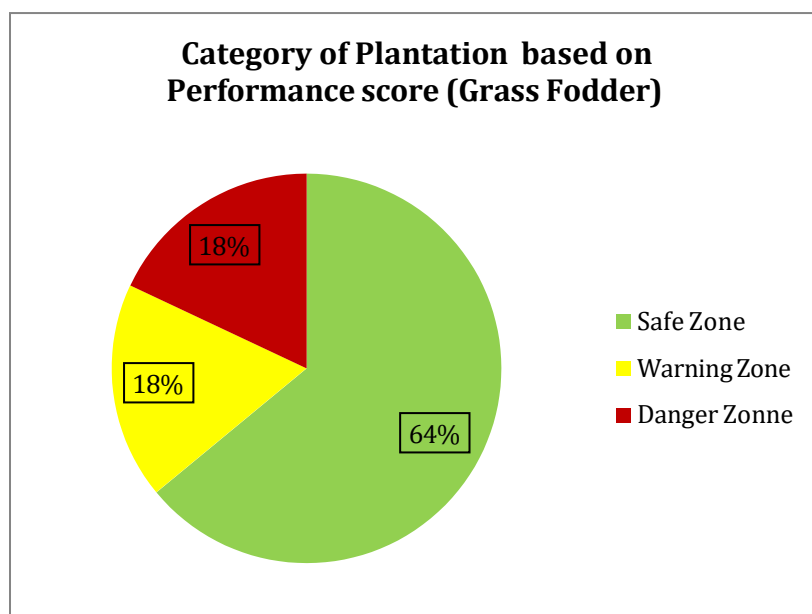
ABSTRACT:

- The quantum of plantation under green zone (Excellent & Very Good) is 66 % that means the plantations having performance score equal to or more than 71.
- 34% area falls under Yellow Zone (Good) which means the performance score is between 46 to 70 (both inclusive).
- There is no plantation under Category D which is very good.

**DIVISION WISE WEIGHTED PERFORMANCE SCORE OF GRASS FODDER PLANTATIONS
(1ST YEAR PLANTATION, YEAR-2022)**

Area in ha.
Table No. 4.1

Division / Scheme	Grass Fodder		Total Area(Ha)	Division Wise WPS
	Area	WPS		
Coochbehar	20	83	20	83
BTR (W)	10	58	10	58
BTR (E)	10	13	10	13
Kurseong	5	83	5	83
DRJ WL	10	90	10	90
Total:-	55	64	55	64



ABSTRACT:

- 64 % of the total area falls under Green Zone which is very dismal.
- 18% of the area falls under Yellow (Warning) Zone.
- The performance of Darjeeling WLis comparatively better.

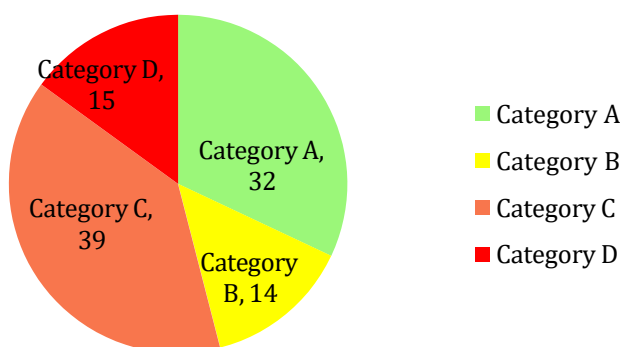
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DIVISION WISE WEIGHTED SURVIVAL % (3RD YEAR PLANTATION, YEAR-2020)

Area in ha.
Table No. 5

Division/ Scheme	Eco Misc.		Eco Sal.		STRIP.		MGNREGS		Total Area (Ha)	Division Wise WSP (1 ST Yr)	Division Wise WSP	Division wise Category on WSP
	Area	WSP	Area	WSP	Area	WSP	Area	WSP				
BTR (East)	13	63							13	90	63	B
Darjeeling	15	84							15	93	84	A
Kurseong	45	61					7	53	52	93	60	B
Jalpaiguri Social Forestry							10	32	10	60	32	D
Kalimpong	50	86							50	95	86	A
Siliguri Social Forestry							13	61	13	97	61	B
Raiganj	7	77			120	89			127	98	89	A
Malda					50	33			50	84	33	D
Baikunthapur	40	36							40	90	36	D
Coochbehar	15.03	77							15.03	97	77	A
Kurseong Soil Conservation	15	74							15	94	74	B
Jalpaiguri	80.40	57							80.40	74	57	C
Jalpaiguri Soil Conservation	63	42							63	83	42	C
Jaldapara Wild Life	110	54							110	96	54	C
Total:-	453.43	58			170.00	73	30.00	49	653.43	90	62	B

Category of plantation based on Survival %



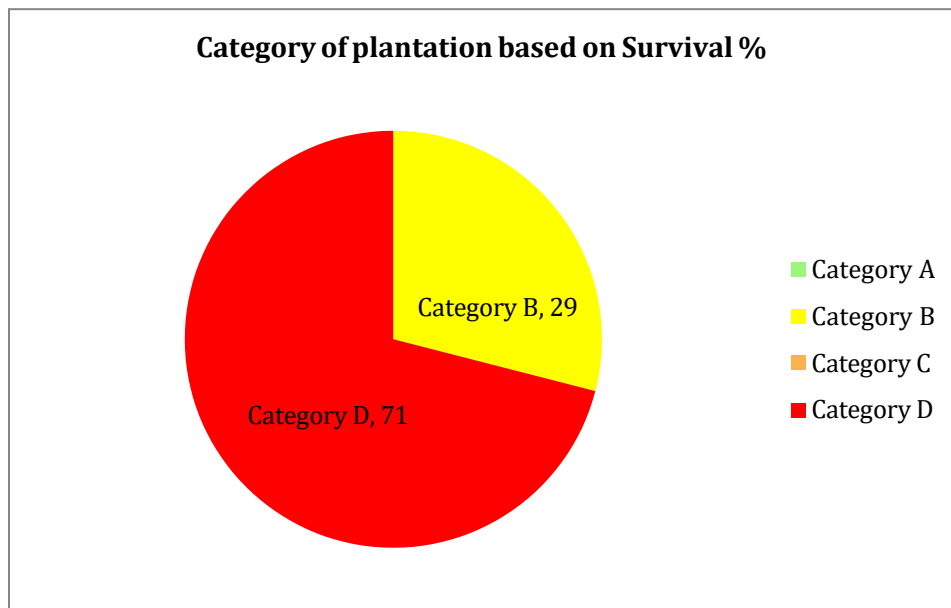
ABSTRACT:

- The quantum of plantation under Category A is only 32% that means the plantations having survival % equal or more than 75%.
- 14% plantations belong to Category B that means the plantations having survival % 60 to 74 %.
- Rest 39% and 15% area belong to Category C & D respectively.

DIVISION WISE WEIGHTED SURVIVAL % OF GRASS FODDER (3RD YEAR PLANTATION, YEAR-2020)

Area in ha.
Table No. 5.1

Division / Scheme	Grass Fodder		Total Area (Ha)	Division Wise WSP (1 ST Yr)	Division Wise WSP	Division wise Category on WSP
	Area	WSP				
Jaldapara Wild Life	270	39	270	91	39	D
Gorumara Wild Life	115	68	115	75	68	B
BTR (East)	10	10	10	82	10	D
Total:-	395.00	47	395.00	86	47	C



ABSTRACT:

- The quantum of plantations coming under Category B which is 29 %.
- Rest 71 % area belongs to Category D.
- In Grass Fodder plantation performance of Gorumara Wild Life is comparatively better than other Division.

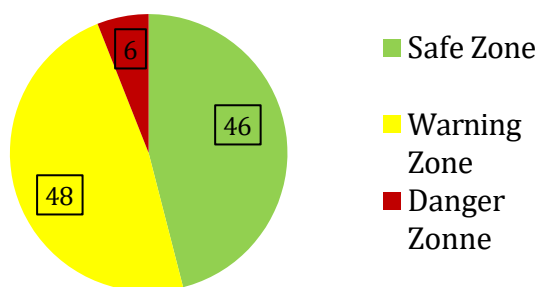
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**DIVISION WISE WEIGHTED PERFORMANCE SCORE (3rd YEAR PLANTATION ,
YEAR-2020)**

Area in ha.
Table No. 6

Division/ Scheme	Eco Misc.		MGNREGS		STRIP.		Total Area (Ha)	1 st Yr WPS	3 rd Yr WPS
	Area	WPS	Area	WPS	Area	WPS			
BTR (East)	13	59					13	81	59
Darjeeling	15	94					15	97	94
Kurseong	45	55	7	43			52	93	54
Jalpaiguri Social Forestry			10	51			10	58	51
Kalimpong	50	85					50	94	85
Siliguri Social Forestry			13	58			13	97	58
Raiganj	7	82			120	89	127	96	88
Malda					50	48	50	59	48
Baikunthapur	40	42					40	91	42
Coochbehar	15.03	80					15.03	87	80
Kurseong Soil Conservation	15	73					15	99	73
Jalpaiguri	80.40	63					80.40	73	63
Jalpaiguri Soil Conservation	63	47					63	75	47
Jaldapara Wild Life	110	58					110	86	58
Total:-	453.43	62	30	56	170	77	653.43	85	66

Category of plantation based on performance score



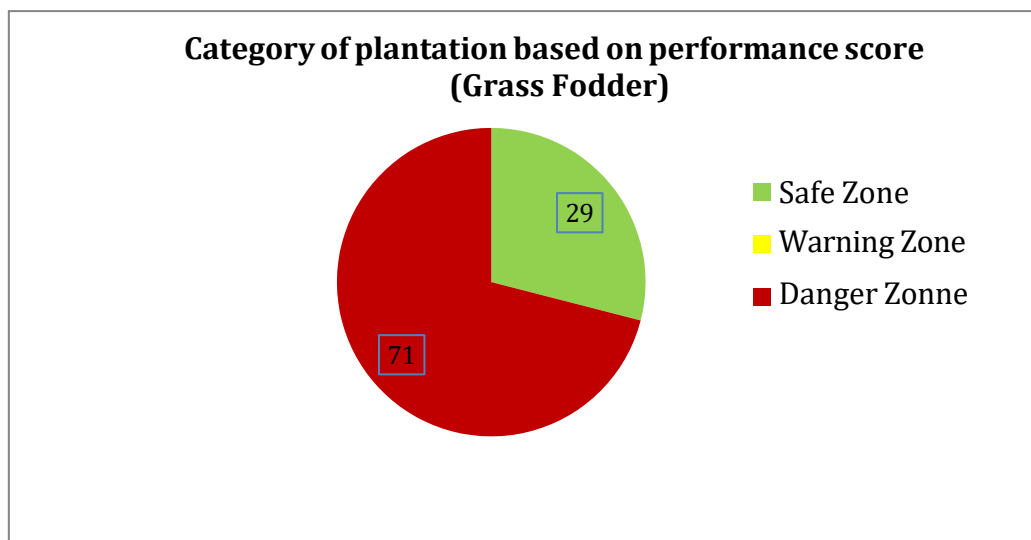
ABSTRACT:

- The quantum of plantation coming under Green Zone (Excellent & Very Good) is 46 % which is very good.
- 48% area falls under Category C (Warning Zone) and 6 % area falls under Category D.
- The performance of Darjeeling Division is excellent with WPS 94%.
- The performance of Baikunthapur Division is very poor with WSP 42 only.

**DIVISION WISE WEIGHTED PERFORMANCE SCORE OF GRASS FODDER PLANTATION
(3rdYEAR PLANTATION, YEAR-2020)**

Area in ha.
Table No. 6.1

Division / Scheme	Grass Fodder		Total Area(Ha)	1 st Yr WPS	3 rd Yr WPS
	Area	WPS			
Jaldapara Wild Life	270	36	270	79	36
Gorumara Wild Life	115	69	115	82	69
BTR (East)	10	14	10	70	14
Total:-	395	43	395	80	43



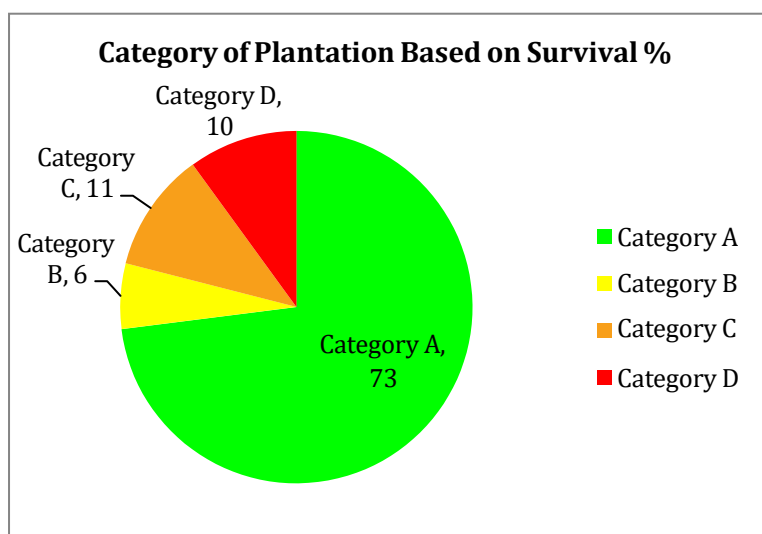
ABSTRACT:

- 29% of total area falls under Green Zone.
- The quantum of plantation coming under Yellow Zone (Good) is 0%.
- There is 71% plantation under Red (Danger) Zone.

DIVISION WISE WEIGHTED SURVIVAL % (5TH YEAR PLANTATION, YEAR-2018)

Area in ha.
Table No. 7

Division/ Scheme	Eco Misc.		Eco Sal.		STRIP.		Total Area (Ha)	1 st Yr WSP	3 rd Yr WSP	5 th Yr WSP	Division wise Category on WSP
	Area	WSP	Area	WSP	Area	WSP					
Jalpaiguri	25	29	20	21			45	75	35	25	D
Jalpaiguri SC	50	70					50	95	82	70	A
Jalpaiguri SF					80	37	80	98	40	37	C
Coochbehar	100	58			15	38	115	97	85	56	A
BTR East	70	64					70	93	79	64	A
BTR West	75	55					75	88	62	55	A
Jaldapara WL	81.42	70			15	33	96.42	95	88	65	A
Kalimpong	45.20	66					45.20	85	79	66	A
Baikunthapur	25.61	61	26.83	36			52.44	71	64	48	B
Siliguri SF	15	49			50	21	65	91	51	28	D
Kurseong	5	58	15	50	30	20	50	50	60	33	C
Malda	20	15			50	74	70	97	73	57	A
Raiganj	20	80			250	74	270	96	80	75	A
Darjeeling	5	81					5	83	74	81	A
Kurseong Soil Conservation	50	60					50	91	81	60	A
Gorumara Wild Life	20	42					20	66	54	42	B
Total	607.23	59	61.83	34	490	57	1159.06	91	71	57	A



ABSTRACT:

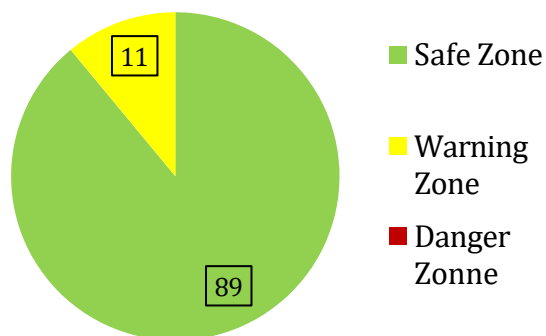
- The Quantum of plantation coming under Category A is 73 % that means the plantations having survival percentage equal or more than 50%.
- 6% of area belongs to Category B.
- 11% area of plantation comes under Category C (SP: 39% to 30%).
- 10% area of plantation comes under Category D.

**DIVISION WISE WEIGHTED PERFORMANCE SCORE
(5TH YEAR PLANTATION, YEAR-2018)**

Area in ha.
Table No. 8

Division/Scheme	Eco Misc.		Eco Sal.		STRIP.		Total Area (Ha)	1 st Yr WPS	3 rd Yr WPS	5 th Yr WPS
	Area	WPS	Area	WPS	Area	WPS				
Jalpaiguri	25	38	20	40			45	63	51	39
Jalpaiguri SC	50	79					50	78	83	79
Jalpaiguri SF					80	52	80	79	48	52
Coochbehar	100	68			15	45	115	80	73	65
BTR East	70	68					70	86	81	68
BTR West	75	58					75	70	86	58
Jaldapara WL	81.42	77			15	36	96.42	78	83	71
Kalimpong	45.20	77					45.20	67	72	77
Baikunthapur	25.61	61	26.83	61			52.44	66	85	61
Siliguri SF	15	51			50	24	65	89	63	31
Kurseong	5	54	15	64	30	31	50	48	81	43
Malda	20	19			50	97	70	93	82	75
Raiganj	20	98			250	89	270	91	89	89
Darjeeling	5	95					5	56	81	95
Kurseong Soil Conservation	50	66					50	87	93	66
Gorumara Wild Life	20	41					20	81	61	41
Total	607.23	66	61.83	55	490	71	1159.06	81	76	67

Category of plantation based on performance score



ABSTRACT:

- In 5th Year plantation the area falling under Green Zone (Excellent & Very Good) is over 89% which is very good.
- No area falls under Red (Danger zone).
- The performance of Darjeeling Division & Raiganj Division are very good with both the Divisions having Average WPS of 95% & 89%

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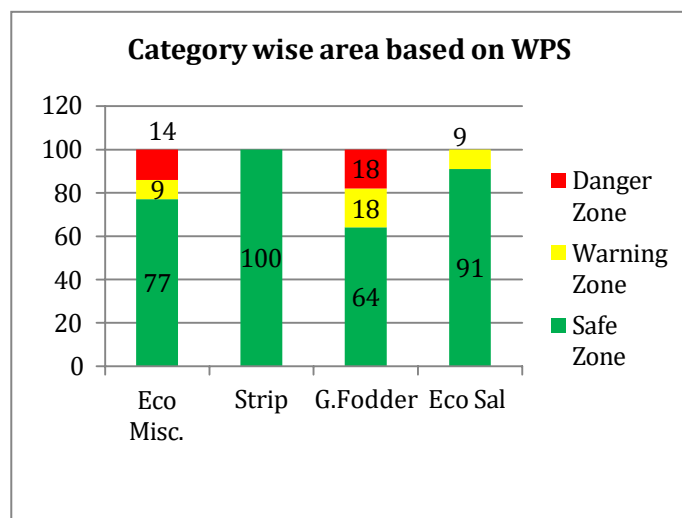
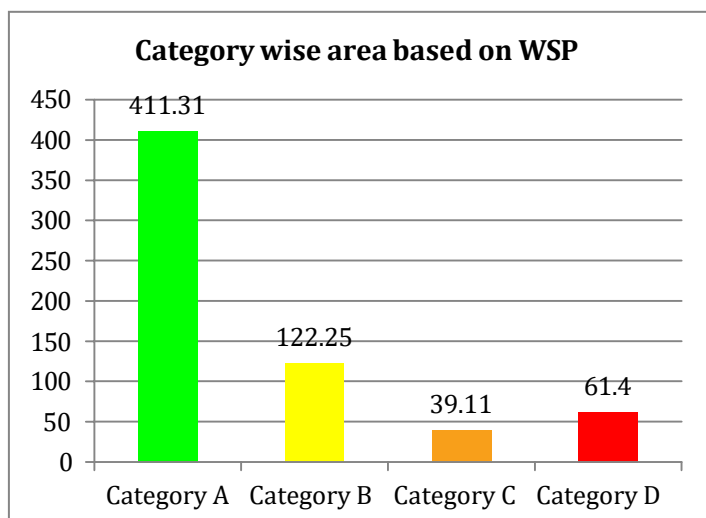
SCHEME & CATEGORY WISE 1ST YEAR PLANTATION (2022) BASED ON WSP & WPS

Area in ha.
Table No. – 9

Scheme	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category-D: SP-<50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc	272.81	177.31	65	33	12	20	7	42.5	16
Eco Sal	97.26			79.25	82	9.11	9	8.9	9
G.Fodder	55	25	46	10	18	10	18	10	18
Strip	209	209	100						
Total:-	634.07	411.31	65	122.25	19	39.11	6	61.4	10

Area in ha.
Table No. – 10

Scheme	Total Area Monitored	Excellent PS>85		Very Good PS >71-85		Good PS >46-70		Average PS >30-45		Poor PS <30	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc.	272.81	104.31	38	106	39	25	9	9	3	28.5	11
Eco Sal	97.26	59.2	61	29.16	30	8.9	9				
G. Fodder	55	20	37	15	27	10	18			10	18
Strip	209	209	100								
Total:-	634.07	392.51	62	150.16	24	43.9	7	9	1	38.5	6



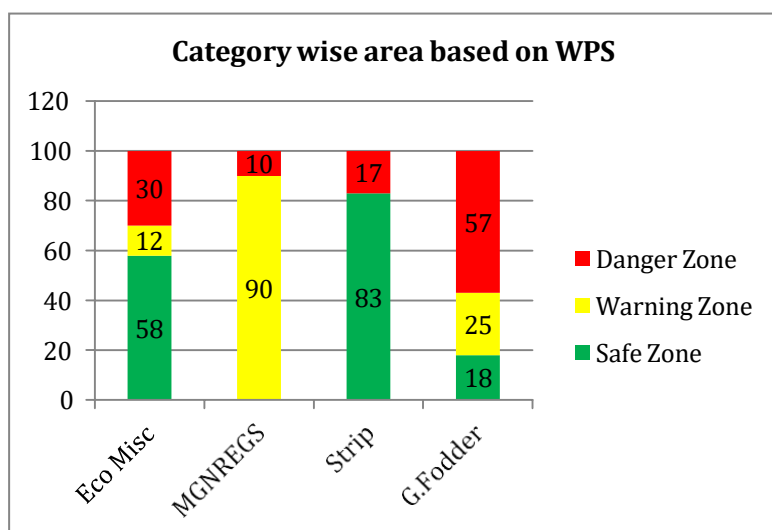
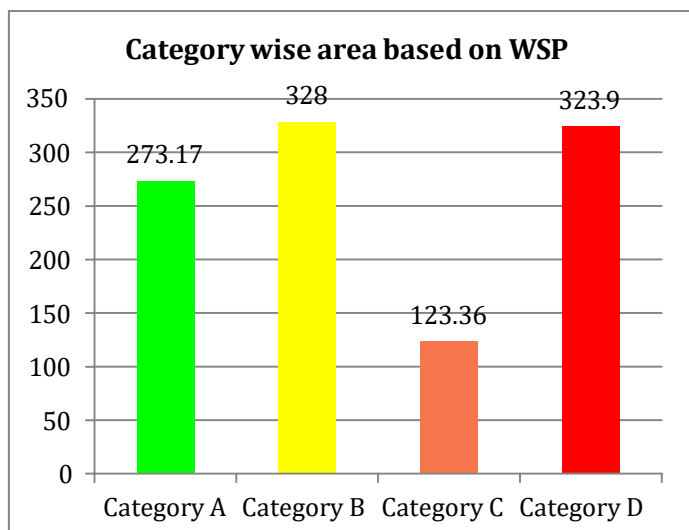
SCHEME & CATEGORY WISE 3RD YEAR PLANTATION (2020) BASED ON WSP & WPS

Area in ha.
Table No. – 11

Scheme	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category-D: SP-40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc.	453.43	153.67	34	132.5	29	34.36	8	132.9	29
MGNREGS	30			17	57			13	43
Strip	170	100	59	10	6	30	17	30	18
Grass Fodder	395	19.5	5	168.5	43	59	15	148	37
Total:-	1048.43	273.17	26	328	31	123.36	12	323.9	31

Area in ha.
Table No. – 12

Scheme	Total Area Monitored	Excellent PS>75		Very Good PS >61-75		Good PS >46-60		Average PS >30-45		Poor PS <=30	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc.	453.43	128.67	28	137.5	30	50	12	64.76	14	72.5	16
MGNREGS	30					27	90			3	10
Strip	170	110	65	30	18			10	6	20	11
Grass Fodder	395	46	12	23	6	97	25	151	38	78	19
Total:-	1048.43	284.67	27	190.5	18	174	17	225.76	22	173.5	16



Survey Monitoring Report 2022-23 (NB)

SCHEME & GRADE WISE 5TH YEAR PLANTATION (2018) BASED ON WPS

Area in ha.

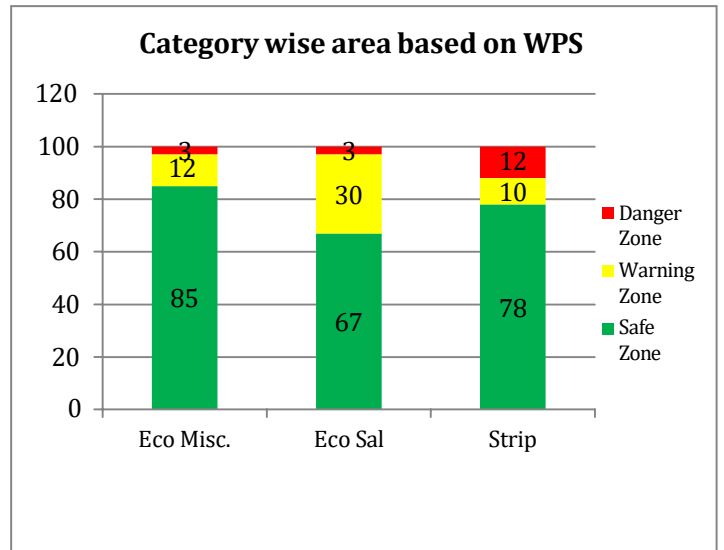
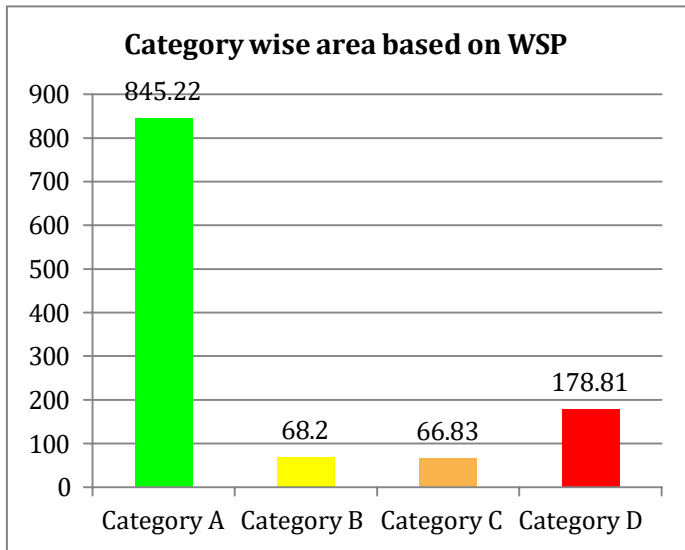
Table No. – 13

Scheme	Total area monitored	Category-A: SP-50% and above		Category-B: SP-49%-40%		Category-C: SP-39%-30%		Category-D: SP->30%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc	607.23	482.22	79	48.2	8	25	4	51.81	9
Eco Sal	61.83	13	21			26.83	43	22	36
STRIP	490	350	71	20	4	15	3	105	22
Total:-	1159.06	845.22	73	68.20	6	66.83	6	178.81	15

Area in ha.

Table No. – 14

Scheme	Total Area Monitored	Excellent PS>60		Very Good PS>45-60		Good PS>44-30		Average PS>29-16		Poor PS<=15	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area	Area	% Area
Eco Misc	607.23	395.56	65	121.66	20	75.01	12			15	3
Eco Sal	61.83	34.15	55	7	12	18.68	30	2	3		
STRIP	490	345	70	40	8	51	10	11	2	43	10
Total:-	1159.06	774.71	67	168.66	15	144.69	12	13	1	58	5



Survey Monitoring Report 2022-23 (NB)

Scheme Wise Representation

1st year (2022), 3rd year (2020), 5th year (2018) plantation

Scheme -EcoMisc.

Area in ha.& height in cm.

Table No. – 15

Division	1 st Year					3 rd Year					5 th Year				
	Area	WS P	W PS	Ave. Ht.	CV	Area	WS P	WP S	Ave. Ht.	CV	Area	WS P	WP S	Ave. Ht.	CV
Baikunthapur						40	36	42	182	24	25.61	61	61	428	18
BTR (East)	10	72	61	69	14	13	63	59	258	17	70	64	68	481	14
BTR (West)	30	83	77	63	9						75	55	58	467	20
Coochbehar						15.03	76	80	297	35	100	58	68	588	18
Darjeeling	8	96	99	82	8	15	84	94	193	8	5	81	95	350	19
Darjeeling Wild Life	20.31	96	99	85	8										
Gorumara Wild Life											20	42	41	390	14
Jaldapara Wild Life						110	54	58	313	14	81.42	70	77	431	18
Jalpaiguri						80.4	57	63	326	15	25	29	38	504	20
Jalpaiguri Soil Conservation	90	70	64	85	44	63	42	47	301	21	50	70	79	372	20
Kurseong	15	70	66	78	25	45	61	55	240	24	5	58	54	542	17
Kurseong Soil Conservation	20	92	90	79	20	15	74	73	211	22	50	60	66	369	17
Kalimpong	15	96	98	100	10	50	86	85	239	10	45.2	66	77	384	8
Malda											20	15	19	374	4
Raiganj	7	90	87	156	2	7	77	82	477	3	20	80	98	703	13
Siliguri Social Forestry	35	92	90	95	16						15	49	51	409	19
Silviculture (N)	22.5	64	68	101	5										
TOTAL	272.81	80	77	116	14	453.43	59	62	313	15	607.23	60	66	518	16

1st year (2022), 3rd year (2020), 5th year (2018) plantation

Scheme -EcoSal

Area in ha.& height in cm.

Table No. – 16

Division	1 st Year					3 rd Year					5 th Year				
	Area	WS P	WPS	Ave. Ht.	CV	Area	WSP	WPS	Ave. Ht.	CV	Area	WS P	WPS	Ave. Ht.	CV
Baikunthapur											26.83	36	61	342	45
Jalpaiguri	97.26	79	87	147	24						20	21	40	471	35
Kurseong											15	50	64	451	20
TOTAL	97.26	79	87	147	24						61.83	34	55	530	33

Survey Monitoring Report 2022-23 (NB)

1st year (2022), 3rd year (2020), 5th year (2018) plantation

Scheme -Strip

Area in ha.& height in cm.

Table No. – 17

Division	1 st Year					3 rd Year					5 th Year				
	Area	WSP	WPS	Ave. Ht.	CV	Area	WSP	WPS	Ave. Ht.	CV	Area	WSP	WPS	Ave. Ht.	CV
Coochbehar											15	38	50	435	9
Jalpaiguri Social Forestry	36	93	92	202	6						80	37	52	518	4
Malda	50	99	99	176	2	50	33	48	442	12	50	74	97	761	6
Raiganj	113	98	99	162	4	120	76	89	441	7	250	74	89	741	7
Siliguri Social Forestry	10	96	94	74	15						50	21	24	186	6
Kurseong											30	20	31	513	17
Jaldapara WL											15	33	36	170	7
TOTAL	209	97	98	128	13	170	63	77	443	8	490	57	71	536	7

1st year (2022), 3rd year (2020), 5th year (2018) plantation

Scheme –MGNREGS

Area in ha.& height in cm.

Table No. – 18

Division	1 st Year					3 rd Year					5 th Year				
	Area	WSP	WPS	Ave. Ht.	CV	Area	WSP	WPS	Ave. Ht.	CV	Area	WSP	WPS	Ave. Ht.	CV
Jalpaiguri SF						10	32	51	307	10					
Kurseong						7	53	44	262	18					
Siliguri SF						13	61	58	218	12					
TOTAL						30	49	52	338	14					

1st year (2022), 3rd year (2020), 5th year (2018) plantation

Scheme –Grass Fodder

Area in ha.& height in cm.

Table No. – 19

Division	1 st Year				3 rd Year			
	Area	WSP	WPS	Ave. Clump	Area	WSP	WPS	Ave. Clump
BTR (East)	10	0	0	0	10	10	14	4
BTR (West)	10	70	59	2				
Darjeeling Wildlife	10	92	90	6				
Kurseong	5	90	83	2				
Coochbehar	20	85	83	5				
Gorumara WL					115	68	69	11
Jaldapara WL					270	39	36	5
TOTAL	55	69	65	3	395	47	45	7

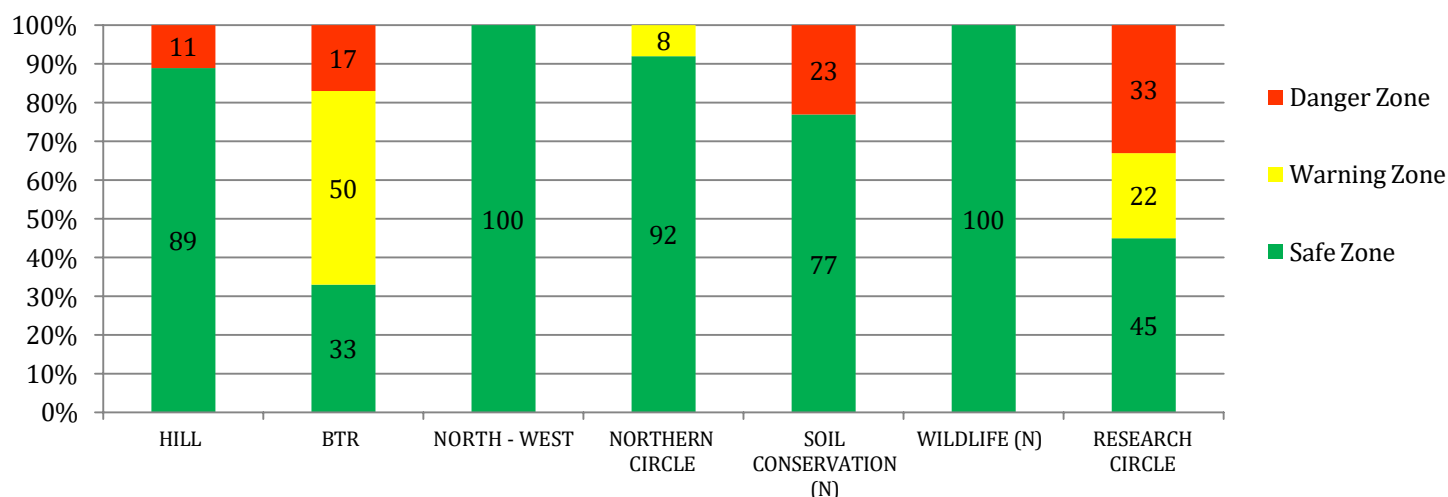
INTER CIRCLE PERFORMANCE AT A GLANCE (PS)

(1st Year, 2022)

Area in ha.
Table No.-20

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS=>85		PS>71- 85		PS>46 -70		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
HILL CIRCLE	43	27	63	11	26			1.5	3	3.5	8
BTR CIRCLE	60			20	33	30	50			10	17
NORTH - WEST CIRCLE	251	241	96	10	4						
NORTHERN CIRCLE	117.26	69.2	59	39.16	33	8.9	8				
SOIL CONSERVATION (N) CIRCLE	110	15	13	70	64					25	23
WILDLIFE (N) CIRCLE	30.31	30.31	100								
Research Circle	22.5	10	45			5	22	7.5	33		
Total:-	634.07	392.51	62	150.16	24	43.90	7	9	1	38.50	6

Circle Performance (PS)



ABSTRACT:

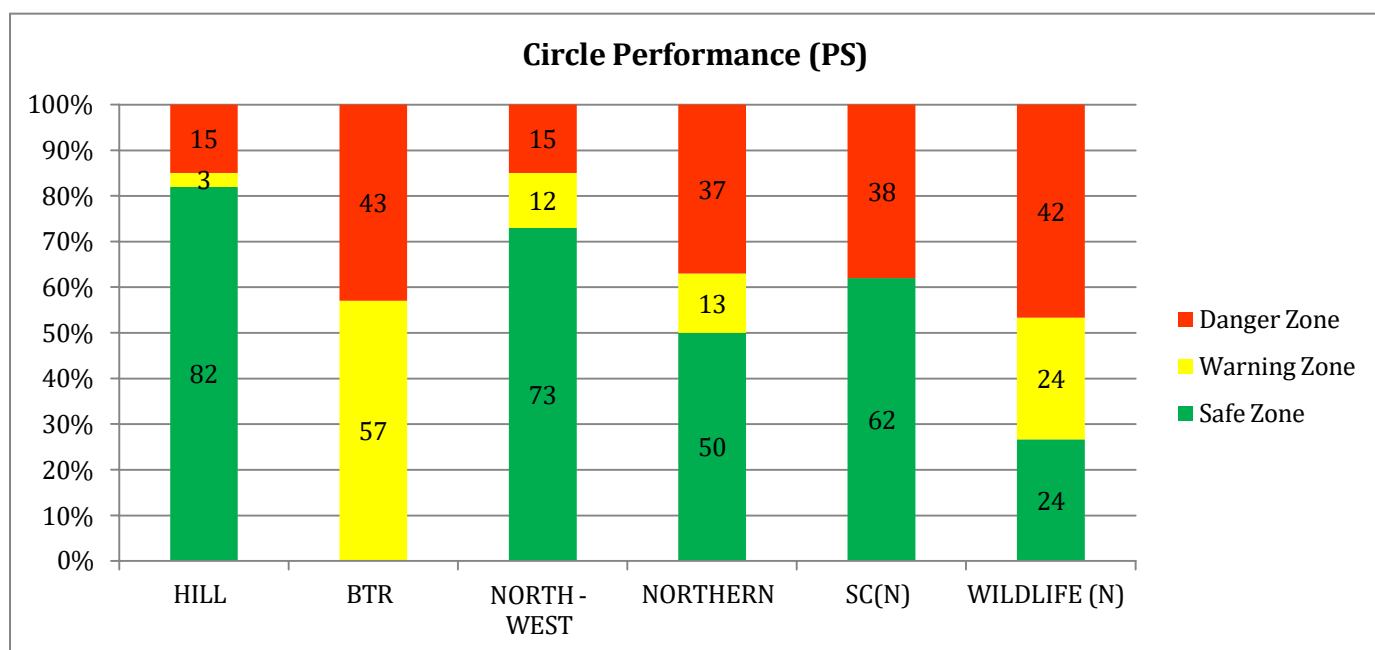
- Out of total are of 634.07 ha the area under category A and Category B are 86%, 7% in Category C & the rest 7% belongs with Category D & E respectively.
- The performance of Hill, North-West Circle & Wild Life Circle are very good with 100% area falling under Green Zone.

Survey Monitoring Report 2022-23 (NB)

3rd Year, 2020

Area in ha.
Table No.-21

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS=>75		PS >61 - 75		PS >46 -60		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
HILL CIRCLE	117	50	43	45	39	4	3	5	4	13	11
BTR CIRCLE	23					13	57			10	43
NORTH - WEST CIRCLE	200	117	58	30	15	23	12	10	5	20	10
NORTHERN CIRCLE	135.43	43.03	32	25	18	17	13	30.4	22	20	15
SOIL CONSERVATION (N) CIRCLE	78			48	62					30	38
WILDLIFE (N) CIRCLE	495	74.64	15	42.5	9	117	24	180.36	36	80.5	16
Total:-	1048.43	284.67	27	190.50	18	174	17	225.76	22	173.50	17



ABSTRACT:

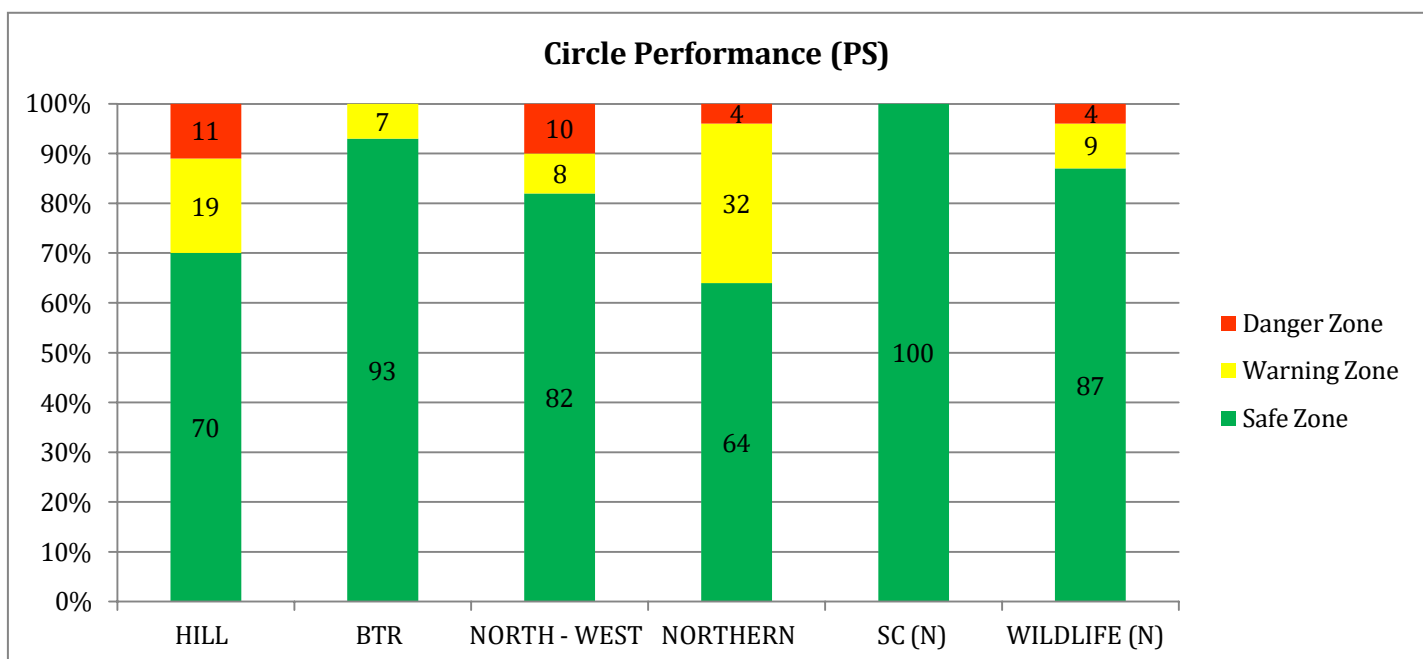
- In the 3rd year Plantation, Hill Circle & North-West Circle has performed well with 82% & 73% plantations area falling under Green Zone (Category A & B).
- Performance of BTR Circle & Wild Life Circle are not so good because 43% & 42% of the total area falls under Red Zone.

Survey Monitoring Report 2022-23 (NB)

5thYear, 2018

Area in ha.
Table No.-22

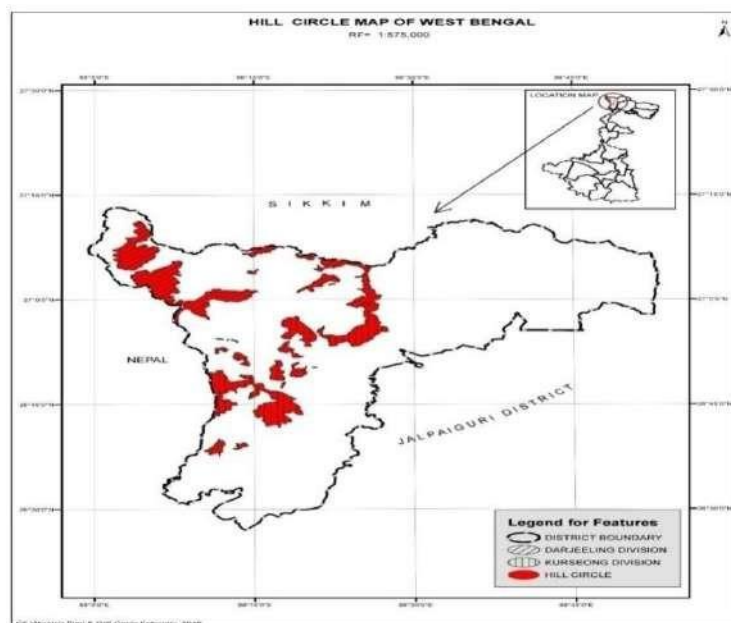
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS=>60		PS >45-60		PS >30-44		PS >15-29		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
HILL CIRCLE	100.2	65.2	65	5	5	19	19	11	11		
BTR CIRCLE	145	100	69	35	24	10	7				
NORTH - WEST CIRCLE	485	365	75	35	7	37	8			48	10
NORTHERN CIRCLE	212.44	104.09	49	32.66	15	68.69	32	2	1	5	3
SOIL CONSERVATION (N) CIRCLE	100	85	85	15	15						
WILDLIFE (N) CIRCLE	116.42	55.42	47	46	40	10	9			5	4
Total:-	1159.06	774.71	67	168.66	15	144.69	12	13	1	58	5



ABSTRACT:

- In 5th year plantation Soil Conservation (North) Circle has shown excellent performance with 100 % area under Category A & B.
- 82% of North - West circle falls under Green zone, 8% falls under Yellow Zone & rest 10 % area falls under Red zone.

DETAILED MONITORING REPORT OF HILL CIRCLE



Division – Kurseong, Range - Panighata, Beat –Lohagarh, Block – Central Mechi, Area –05.0ha, Year - 2020

Divisions:-

- Darjeeling
- Kurseong
- Kalimpong

Schemes:-

- Economic Miscellaneous
- Economic Sal
- STRIP
- MGNREGS
- GRASS FODDER

Survey Monitoring Report 2022-23 (NB)

1ST YEAR (2022 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-23

Division/ Scheme	Eco Misc.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht.
	Area	WSP	WPS	Ave. ht				
Darjeeling	8	96	99	82	8	96	99	82
Kurseong	15	70	66	78	15	70	66	78
Kalimpong	15	96	98	100	15	96	98	100
Total:-	38	86	86	87	38	86	86	87

Area in ha.& Height in cm.

Table:-24

Division/ Scheme	Grass Fodder				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Clump
	Area	WSP	WPS	Clump				
Kurseong	5	90	83	2	5	90	83	2
Total:-	5	90	83	2	5	90	83	2

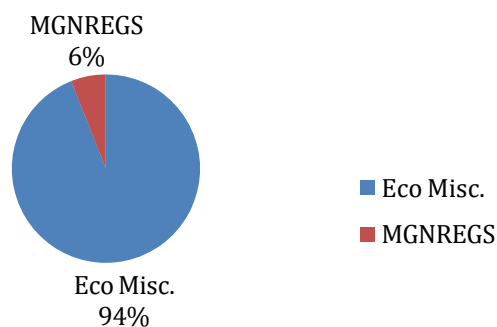
3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-25

Division/ Scheme	Eco Misc.				MGNREGS				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Ave. Ht.
	Area	WSP	WPS	Ave. ht	Area	WSP	WPS	Ave. Ht.						
Darjeeling	15	84	94	193					15	93	97	84	94	193
Kurseong	45	61	55	240	7	53	44	262	52	93	93	60	54	245
Kalimpong	50	86	85	239					50	95	94	86	85	239
Total:-	110	77	78	224	7	53	44	262	117	94	94	77	78	226

Scheme wise Area share



ABSTRACT:

- In 1st Year plantation (2022) under Hill Circle consists of two Schemes i.e. Eco Misc.& Grass Fodder.
- In 3rdYear plantation (2020) under Hill Circle consists of two Schemes i.e. Eco Misc.& MGNREGS
- In 1st year both Darjeeling & Kalimpong have performed well.
- In 3rd year plantations the Darjeeling Division have done very good with WPS of 94.

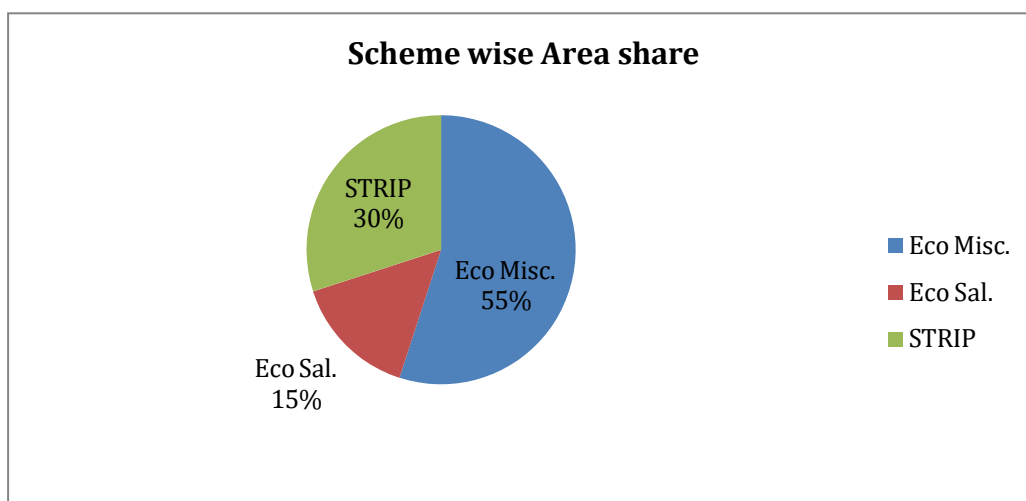
Survey Monitoring Report 2022-23 (NB)

5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-26

Division/ Scheme	Eco Misc.				Eco Sal.				STRIP				Total Area (Ha)	1 st YrWSP	1 st YrWPS	3 rd YrWSP	3 rd YrWPS	5 th YrWSP	5 th YrWPS	Division Wise Ht
	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht.								
Darjeeling	5	81	95	350									5	83	56	74	81	81	95	350
Kurseong	5	58	54	542	15	50	64	451	30	20	31	513	50	50	48	60	81	33	43	491
Kalimpong	45.2	66	77	384									45.2	85	67	79	72	66	77	384
Total:-	55.2	68	75	425	15	50	64	451	30	20	31	513	100.2	58	73	59	74	75	72	408



ABSTRACT:

- 5th Year plantation (201) under Hill Circle consists of three schemes viz. Eco Misc. , Eco Sal., STRIP.
- Total area of plantation created was 100.20ha of which the Average WPS & WSP are 72& 75 respectively.
- In 5th year the Darjeeling Division has shown excellent performance with Average WPS & WSP of 95, 81.
- 55 % of total area was planted under Eco Misc whereas 30% in STRIP & 15% in Eco Sal.

Survey Monitoring Report 2022-23 (NB)

Category wise weighted Survival % - 1STYear (2022 plantation)

Area in ha.
Table:-27

Division	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category-D: SP-50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Darjeeling	8	8	100						
Kurseong	20	11	55	4	20			5	25
Kalimpong	15	15	100						
Total:-	43	34	79	4	9			5	12

Category wise weighted Survival % - 3rd Year (2020 plantation)

Area in ha.
Table:-28

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category-D: SP-<40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Darjeeling	15	15	100						
Kurseong	52	15	29	19	37			18	34
Kalimpong	50	50	100						
Total:-	117	80	68	19	17			18	15

Category wise weighted Survival % - 5th Year (2018 plantation)

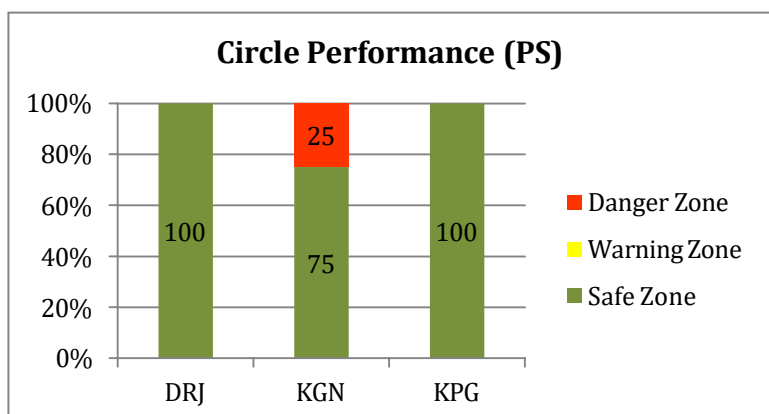
Area in ha.
Table:-29

Division	Total area monitored	Category - A : SP - 50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
Darjeeling	5	5	100						
Kurseong	50	18	36			2	4	30	60
Kalimpong	45.2	45.2	100						
Total:-	100.2	68.2	68			2	2	30	30

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.
Table:-30

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS>71- 85		PS >46 -70		PS >31-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Darjeeling	8	8	100								
Kurseong	20	4	20	11	55			1.5	7	3.5	18
Kalimpong	15	15	100								
Total	43	27	63	11	26			1.5	3	3.5	8



ABSTRACT:

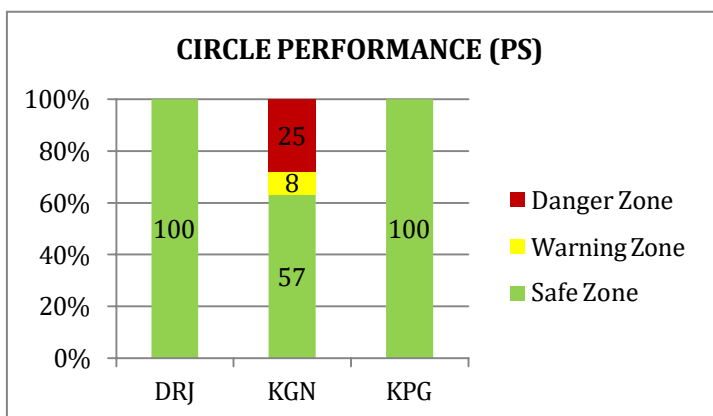
- Out of total 43.00ha area of 1st year plantation 89 % area falls in Category A i.e. Green Zone (100%).
- There is 11% area under Category D & E only for Kurseong Division.

Survey Monitoring Report 2022-23 (NB)

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rdYear, 2020)

Area in ha.
Table:-31

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>75		PS >61- 75		PS >46 -60		PS >31-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Darjeeling	15	15	100								
Kurseong	52			30	57	4	8	5	10	13	25
Kalimpong	50	35	70	15	30						
Total	117	50	43	45	39	4	3	5	4	13	11



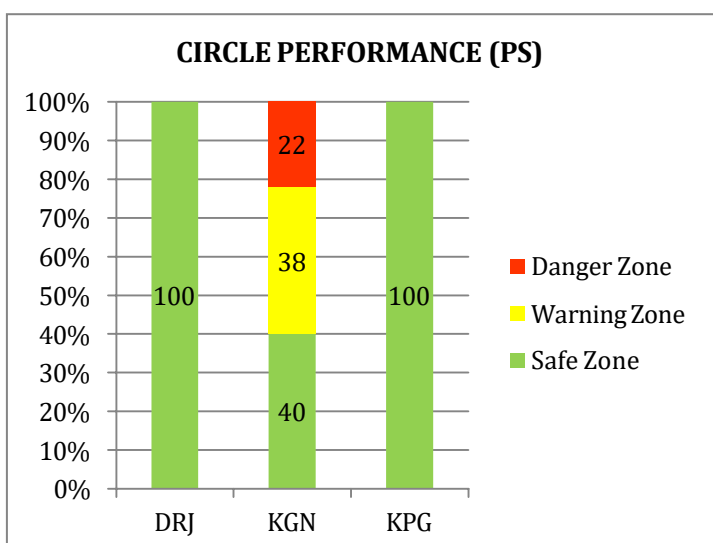
ABSTRACT:

- Out of total 117.00ha area of 3rd year plantation 82 % area falls in Category A & B i.e. Green Zone (100%).
- There is only 3% of total area under Category C & 15% of total area falls under D & E.

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5thYear, 2018)

Area in ha.
Table:-32

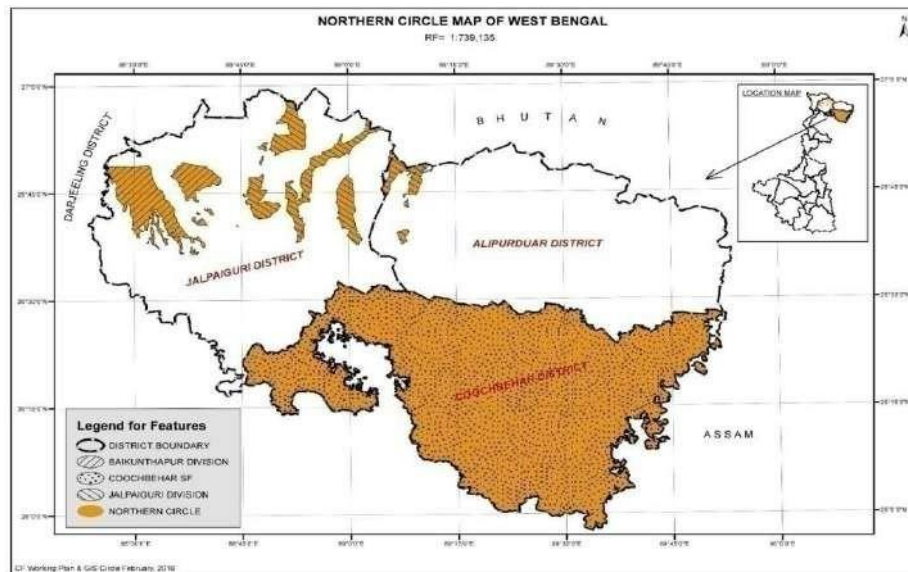
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>60		PS >45 - 60		PS >30 -44		PS >15-29		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	% Area	Area (Ha)
Darjeeling	5	5	100								
Kurseong	50	15	30	5	10	19	38	11	22		
Kalimpong	45.2	45.2	100								
Total	100.2	65.2	65	5	5	19	19	11	11		



ABSTRACT:

- In 5th year out of total 100.20ha area of plantation 70 % area falls in Category A and 19 % area under category C.
- There is only 11%of total area falls under Category D which is very good.

Detailed Monitoring report of Northern Circle



Division - Coochbehar. Range – COB-I, Beat - Atiamochor, Block –Paglirkuthi, Area -03.69Ha, Year - 2018

Divisions:-

- Baikunthapur Division
- Jalpaiguri Division
- Coochbehar Division

Schemes:-

- Economic Miscellaneous
- Economic Sal
- Strip
- Grass Fodder

Survey Monitoring Report 2022-23 (NB)

1ST YEAR (2022 PLANTATION) – DIVISION WISE PERFORMANCE SCORE

Area in ha.& Height in cm.

Table:-33

Division/Scheme	Eco Sal.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ht
	Area	WSP	WPS	Ave. Ht				
Jalpaiguri	97.26	79	87	147	97.26	79	87	147
Total:-	97.26	79	87	147	97.26	79	87	147

Area in ha.& Height in cm.

Table:-34

Division/Scheme	Grass Fodder				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Clump
	Area	WSP	WPS	Clump				
Coochbehar	20	85	83	5	20	85	83	5
Total:-	20	85	83	5	20	85	83	5

ABSTRACT:

- 1st year plantation (2022) under Northern Circle consists of one Scheme i.e. Eco Misc.
- Total area of plantations created is 97.26 ha. of which the Average WPS & WSP are 87&79 respectively.
- Average WPS wise the performance of Jalpaiguri Division is good.

3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-35

Division/ Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.						
Baikunthapur	40	36	42	182	40	90	91	36	42	182
Coochbehar	15.03	76	80	297	15.03	97	87	76	80	297
Jalpaiguri	80.4	57	63	326	80.4	74	73	57	63	326
Total:-	135.43	53	59	344	135.43	81	80	53	59	344

ABSTRACT:

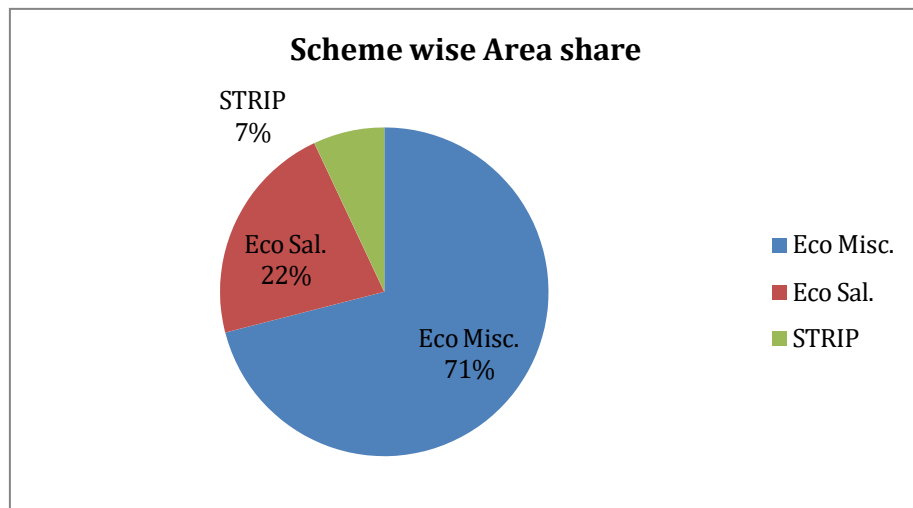
- 3rd year plantation (2020) under Northern Circle consists of only one scheme viz. Eco Misc.
- Total area of plantations created was 135.43 ha. of which the Average WPS & WSP are 59& 53 respectively.
- WPS wise the performance of Coochbehar Division is good with WPS 80.
- Average Height wise the performance of Jalpaiguri Division is good.
- The performance of Baikunthapur Division is poor with Average WPS 42.

5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha. & Height in cm.

Table:-36

Division/ Scheme	Eco Misc.				Eco Sal.				STRIP				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 RD Yr WSP	3 rd Yr WPS	5 th Yr WSP	5 th Yr WPS	Division Wise Ht
	Area	WSP	WPS	Ht	Area	WSP	WPS	Ht	Area	WSP	WPS	Ht								
Baikunthapur	25.61	61	61	428	26.83	36	61	342					52.44	71	66	64	84	48	61	390
Coochbehar	100	58	68	588					15	38	50	435	115	97	80	85	73	56	66	561
Jalpaiguri	25	29	38	504	20	21	40	471					45	75	63	35	51	25	39	488
Total:-	150.61	54	62	553	46.83	29	52	542	15	38	50	435	212.44	85	73	69	71	47	59	542



ABSTRACT:

- 5TH Year plantation (2018) under Northern Circle consists of three Schemes i.e. Eco Misc & Eco Sal & STRIP.
- Total area of plantations created was 212.44ha of which the average WPS & WSP are 59 & 47 respectively.
- The total area of plantation done under Eco Misc is highest with 71 % followed by Eco Sal with 22 % of total area.
- In 5th year also the performance of Coochbehar Division is good with Average WPS & WSP of 66 & 56.

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.
Table:-37

Division	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category-D: SP-below 50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
JPG	97.26			79.25	82	9.11	9	8.9	9
COB	20	10	50	10	50				
Total:-	117.26	10	8	89.25	76	9.11	8	8.9	8

Category wise weighted survival % - 3rd year (2020 plantation)

Area in ha.
Table:-38

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category-D: SP-<40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
JPG	80.4	20	25	20	25	10	12	30.4	38
BKP	40			20	50			20	50
COB	15.03	8.03	53	7	47				
Total:-	135.43	28.03	21	47	35	10	7	50.4	37

Category wise weighted survival % - 5th year (2018 plantation)

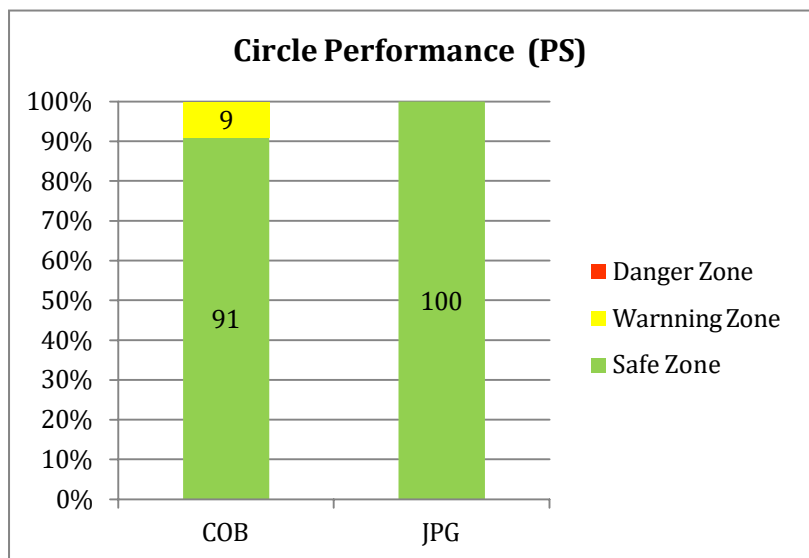
Area in ha.
Table:-39

Division	Total area monitored	Category - A : SP - 50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
BKP	52.44	22.41	43	3.2	6	24.83	47	2	4
COB	115	68.19	60	20	17	5	4	21.81	19
JPG	45					15	33	30	67
Total:-	212.44	90.6	43	23.2	11	44.83	21	53.81	25

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.
Table:-40

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS >71 - 85		PS >46 -70		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Coochbehar	97.26	59.2	61	29.16	30	8.9	9				
Jalpaiguri	20	10	50	10	50						
Total	117.26	69.2	59	39.16	33	8.9	8				



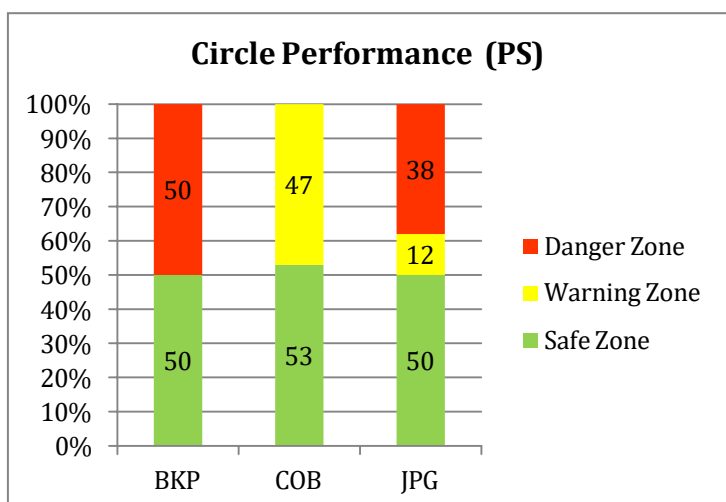
ABSTRACT:

- Total 117.26 ha plantation were monitored under Northern Circle during 1st year.
- The highest area falls under Category A (total 59 % area).

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rdYear, 2020)

Area in ha.
Table:-41

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>75		PS >61 - 75		PS >45 -60		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Baikunthapur	40	5	13	15	37					20	50
Coochbehar	15.03	8.03	53			7	47				
Jalpaiguri	80.4	30	38	10	12	10	12	30.4	38		
Total	135.43	43.03	32	25	18	17	13	30.4	22	20	15



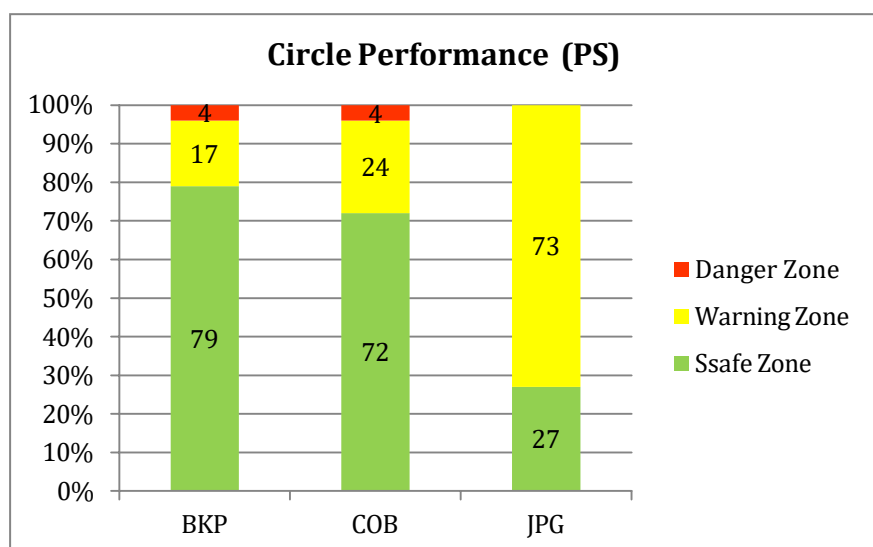
ABSTRACT:

- Total 135.43 ha was monitored from 3rd year plantation.
- The Coochbehar Division has performed slightly well compared to other divisions with 53% area under Green Zone & 47% area under yellow Zone.
- The performance of Baikunthapur & Jalpaiguri Divisions are poor with 50% & 38% area falls under Category D & E (Red Zone).

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5thYear, 2018)

Area in ha.
Table:-42

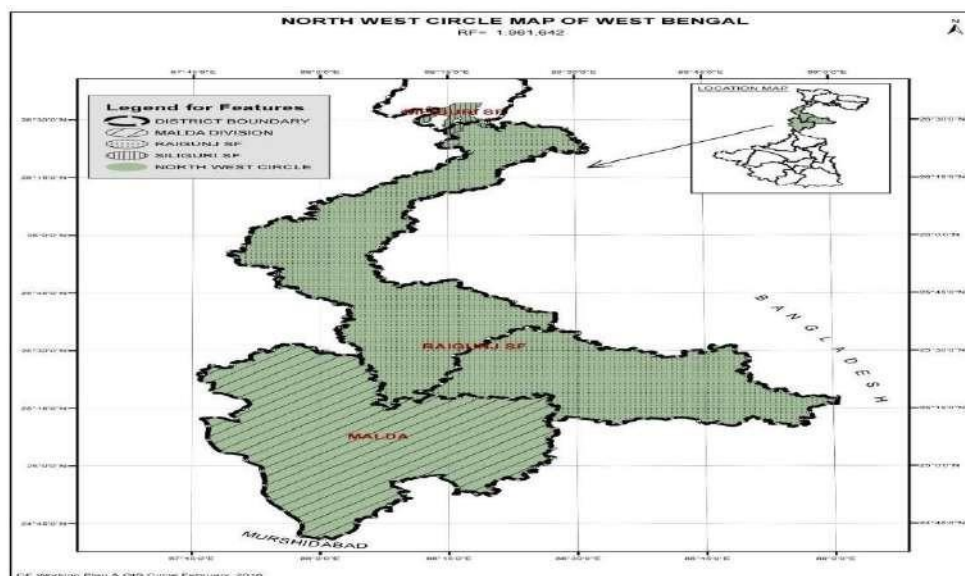
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>60		PS >45 - 60		PS >30 -44		PS >15-29		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Baikunthapur	52.44	35.9	68	5.66	11	8.88	17	2	4		
Coochbehar	115	68.19	59	15	13	26.81	24			5	4
Jalpaiguri	45			12	27	33	73				
Total	212.44	104.09	49	32.66	15	68.69	32	2	1	5	3



ABSTRACT:

- Total 212.44 ha plantation was monitored under 5th year plantation. Coochbehar Division has total of 115.00 ha plantation which is highest among all.
- In 5th year the performance of Baikunthapur Division is good with 79% &Coochbehar Division with 72% area under Green Zone.
- Jalpaiguri Division have 73% are under yellow Zone.

DETAILED MONITORING REPORT OF NORTH - WEST CIRCLE



Division -Raiganj. Range -Karandighi. Beat -Karandighi. Block -Roshakhawa to Nazirpur, Scheme -Strip, Area - 10.0ha. Year - 2018.

Divisions:-

- Malda Division
- Raiganj Division
- Siliguri Social Forestry Division
- Jalpaiguri Social Forestry Division

Schemes:-

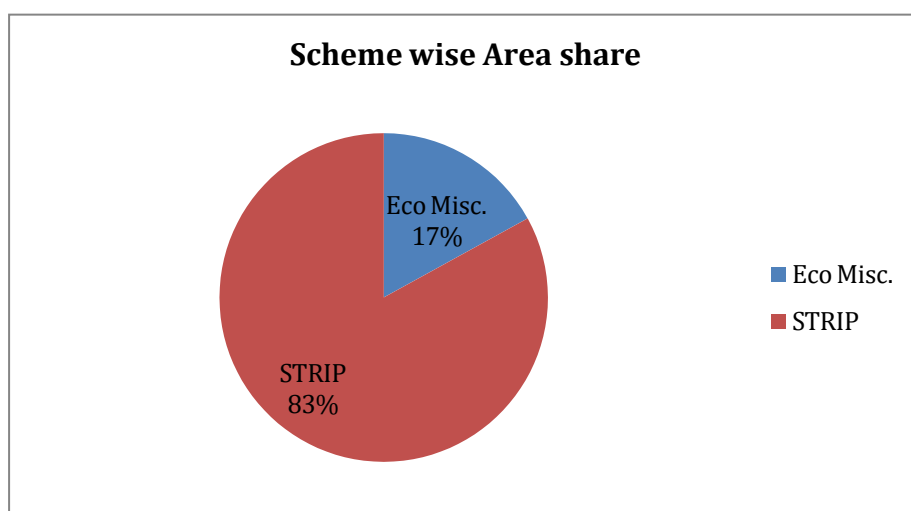
- Economic Miscellaneous
- Strip
- MGNREGS

DIVISION WISE PERFORMANCE^{1ST} YEAR (2022 PLANTATION)

Area in ha. & Height in cm.

Table:-43

Division/ Scheme	Eco Misc.				STRIP				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht				
Jalpaiguri Social Forestry					36	93	92	202	36	93	92	202
Siliguri Social Forestry	35	92	90	95	10	96	94	74	45	93	91	90
Raiganj	7	90	87	156	113	98	99	162	120	98	98	162
Malda					50	99	99	176	50	99	99	176
Total:-	42	92	90	108	209	97	98	128	251	96	96	128



ABSTRACT:

- Total 251.00 ha plantation was monitored for 1st year plantation under North - West Circle.
- The plantation consists of two schemes only i.e. Eco Misc. & STRIP.
- Strip Plantations have highest % of area with total 83% area.
- Raiganj Division has done highest area of plantation with total 120.00 ha. and Jalpaiguri S.F Division with only 36.00 ha.

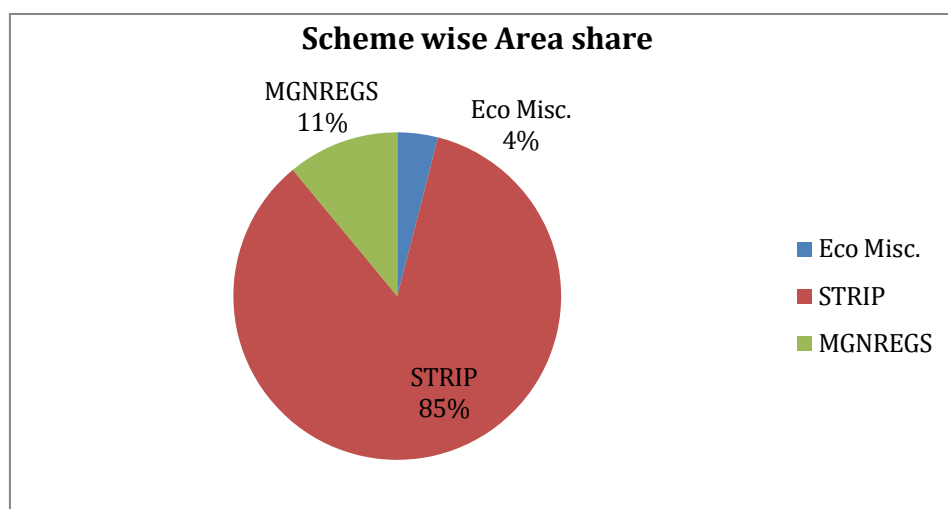
Survey Monitoring Report 2022-23 (NB)

3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-44

Division / Scheme	Eco Misc.				STRIP				MGNREGS				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Ht
	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht.						
Jalpaiguri Social Forestry									10	32	51	307	10	60	58	32	51	307
Siliguri Social Forestry									13	61	58	218	13	97	97	61	58	218
Raiganj	7	77	82	477	120	76	89	441					127	98	96	76	89	443
Malda					50	33	48	442					50	84	59	33	48	442
Total:-	7	77	82	477	170	63	77	443	23	48	55	340	200	85	85	62	75	340



ABSTRACT:

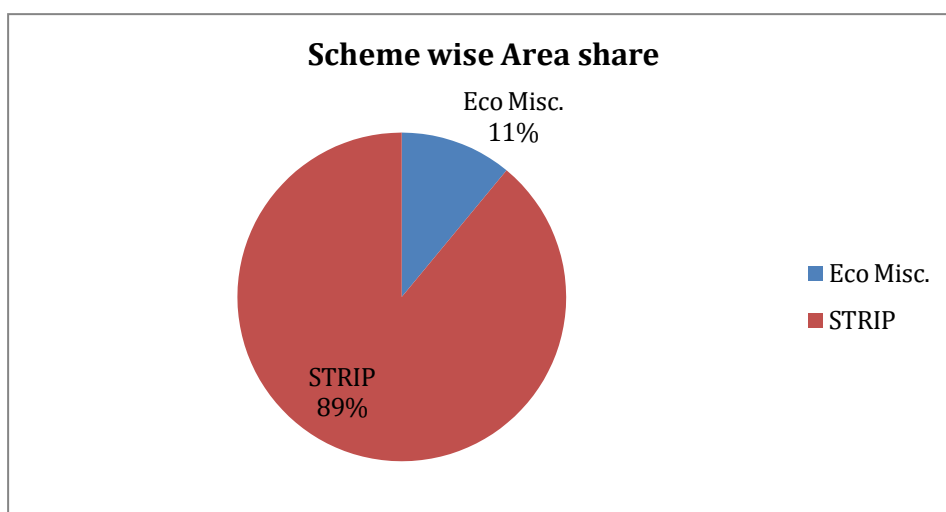
- Total 200.00ha area was monitored under 3rd year plantation from North West Circle.
- The Raiganj Division has largest volume of plantation with 127.00 ha and Jalpaiguri SF Division has only 10.00ha.
- The Circle Average WPS & WSP are 75 &62 respectively.
- The performance of Raiganj Division is excellent with Average WPS & WSP of 89&76 respectively.

5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-45

Division/ Scheme	Eco Misc.				STRIP				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	5 th Yr WSP	5 th Yr WPS	Division Wise Ht
	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht								
Jalpaiguri Social Forestry					80	37	52	518	80	98	79	40	48	37	52	518
Siliguri Social Forestry	15	49	51	409	50	21	24	186	65	91	89	51	63	28	31	249
Raiganj	20	80	98	703	250	74	89	741	270	96	91	80	89	75	89	738
Malda	20	15	19	374	50	74	97	761	70	97	93	73	82	57	75	650
Total:-	55	48	56	482	430	61	75	565	485	95	88	68	77	60	73	561



ABSTRACT:

- 5th Year plantation under NW Circle consists of four Schemes a) Eco Misc. b) Strip.
- Total 485.00 ha was monitored for 5th year plantation under North - West Circle.
- In 5th Year also the Raiganj Division has highest area of plantation with total 270.00 Ha.

Survey Monitoring Report 2022-23 (NB)

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.

Table:-46

Division	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category-D: SP-<50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Malda	50	50	100						
Raiganj	120	120	100						
SLG SF	45	41	91	4	9				
JPG SF	36	36	100						
Total:-	251	247	98	4	2				

Category wise weighted survival % - 3rd year (2020 plantation)

Area in ha.

Table:-47

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category-D: SP-<40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Malda	50					30	60	20	40
Raiganj	127	107	84	10	8			10	8
SLG SF	13			13	100				
JPG SF	10							10	100
Total:-	200	107	53	23	12	30	15	40	20

Category wise weighted survival % - 5th year (2018 plantation)

Area in ha.

Table:-48

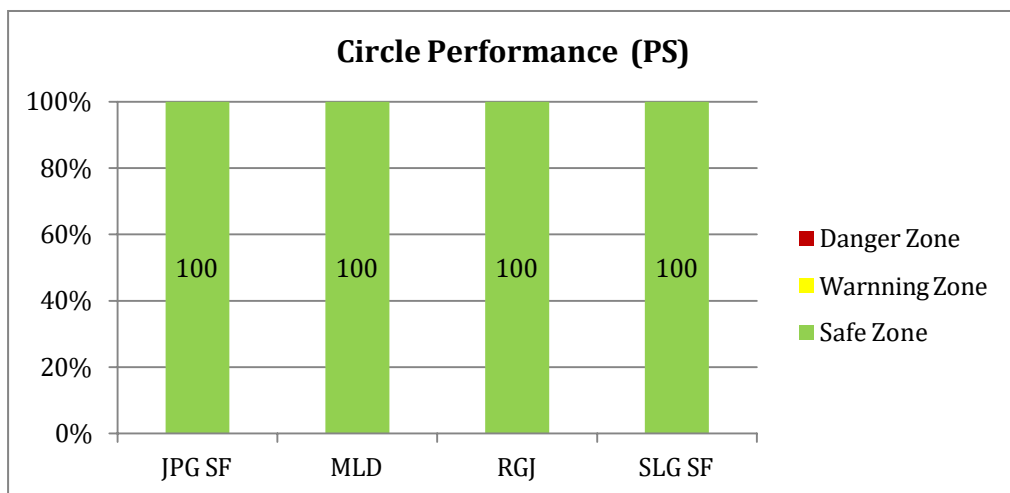
Division	Total area monitored	Category - A : SP - 50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
Jalpaiguri Social Forestry	80	40	50					40	50
Siliguri Social Forestry	65	10	15	20	31	10	15	25	39
Raiganj	270	270	100						
Malda	70	55	79					15	21
Total:-	485	375	77	20	4	10	2	80	17

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.

Table:-49

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS>71 - 85		PS >46 -70		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Jalpaiguri Social Forestry	36	36	100								
Malda	50	50	100								
Raiganj	120	120	100								
Siliguri Social Forestry	45	35	78	10	22						
Total	251	241	96	10	4						



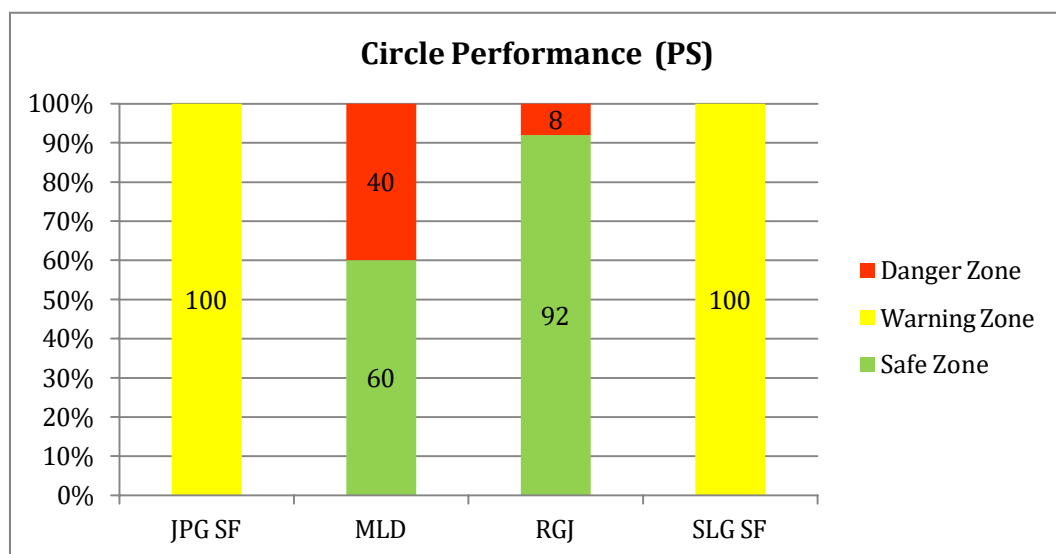
ABSTRACT:

- JPG SF, Malda, Raiganj & SLG SF Divisions have 100% area under Green Zone.
- Raiganj Division has highest area of plantation with total 120.00 ha and Jalpaiguri SF Division has lowest with only 36.00 ha.

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rdYear, 2020)

Area in ha.
Table:-50

Division	Total Area Monitored	Category-A PS>75		Category-B PS >61 - 75		Category-C PS >46 -60		Category-D PS >30-45		Category-E PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
		Jalpaiguri Social Forestry	10					10	100		
Malda	50			30	60					20	40
Raiganj	127	117	92					10	8		
Siliguri Social Forestry	13					13	100				
Total	200	117	58	30	15	23	12	10	5	20	10



ABSTRACT:

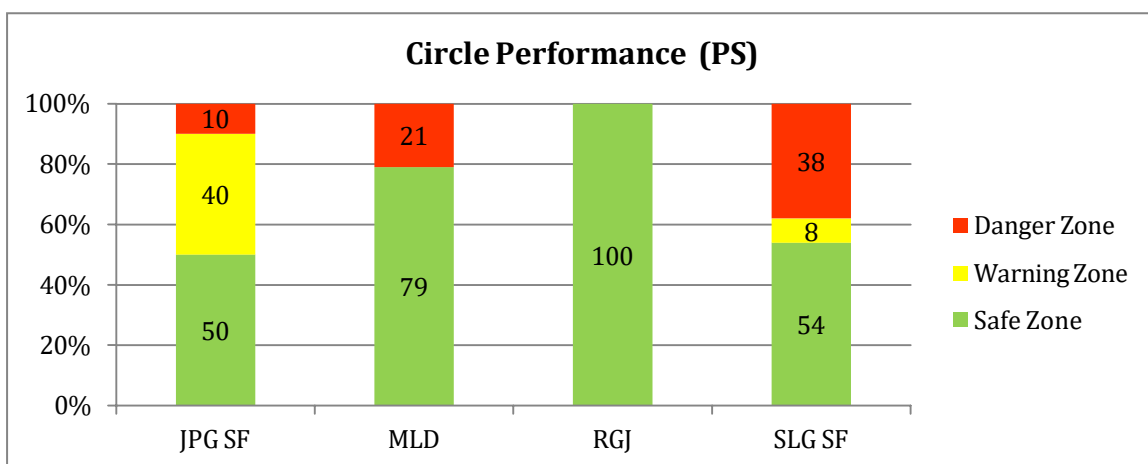
- Malda & Raiganj Divisions have 60% & 92% area under Green Zone.
- Raiganj Division has highest area of plantation with total 127.00 ha and Jalpaiguri SF Division has lowest with only 10.00 ha.
- 100% area under Siliguri S.F. Division & Jalpaiguri SF Division falls under Category C (Yellow Zone).
- 8% area under Raiganj Division falls under Category D (Red Zone); on the other hand Malda Division is having a large portion of area i.e. 40% in category E (Red Zone).

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5thYear, 2018)

Area in ha.

Table:-51

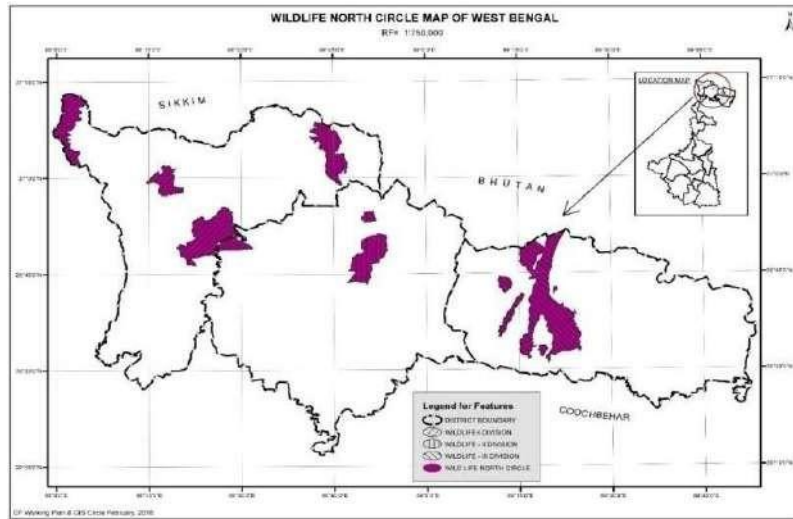
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>60		PS >45 - 60		PS >30 -44		PS >15-29		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Jalpaiguri Social Forestry	80	40	50			32	40			8	10
Malda	70	55	79							15	21
Raiganj	270	270	100								
Siliguri Social Forestry	65			35	54	5	8			25	38
Total	485	365	75	35	7	37	8			48	10



ABSTRACT:

- Total 485.00 ha area was monitored during 5th year.
- The performance of Raiganj Division is very good with 100% area falling under Category A (Green Zone).
- Jalpaiguri SF Division has 10% area under Category E (Red Zone).
- Siliguri SF Division has 38% area under Category E (Red Zone).

Detailed Monitoring report of Wild Life (North) Circle.



Division – DRJ WL., Range – East Range, Beat - Dhotrea, Area – 5.48ha, Year – 2022.

Divisions:-

- Darjeeling Wild Life Division
- Gorumara Wild Life Division
- Jaldapara Wild Life Division

Schemes:-

- Economic Miscellaneous
- STRIP
- G. Fodder

1ST YEAR (2022 PLANTATION) – DIVISION WISE PERFORMANCE SCORE.

Area in ha.& Height in cm.
Table:-52

Division/ Scheme	Eco Misc.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht				
Darjeeling Wild Life	20.31	96	99	85	20.31	96	99	85
Total:-	20.31	96	99	85	20.31	96	99	85

Area in ha.& Height in cm.
Table:-53

Division/ Scheme	Grass Fodder				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Avg. Clumps
	Area	WSP	WPS	Ave. Clum p				
Darjeeling Wild Life	10	92	90	6	10	92	90	6
Total:-	10	92	90	6	10	92	90	6

ABSTRACT:

- Total 20.31ha area was monitored during 1st year in Eco Misc. scheme & 10.00 ha in Grass Fodder.
- Only Darjeeling W.L. Division is having the 1st Year (2022) plantations in Wild Life (North) Circle.
- The Average WSP & WPS of Wildlife (N) Circle in respect of Eco Misc. is 96&99.

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3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-54

Division/ Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr-WS P	3 rd Yr-WP S	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.						
Jaldapara Wild Life	110	54	58	313	110	96	86	54	58	313
Total:-	110	54	58	313	110	96	86	54	58	313

Area in ha.& Height in cm.

Table:-55

Division/ Scheme	Grass Fodder				Total Area (Ha)	1 st Yr- WSP	1 st Yr- WPS	3 rd Yr-WSP	3 rd Yr-WPS	Division Wise Avg- Clumps
	Area	WSP	WPS	Avg. Clumps						
Gorumara Wild Life	115	68	69	11	115	75	82	68	69	11
Jaldapara Wild Life	270	39	36	5	270	91	79	39	36	5
Total:-	385	48	46	7	385	86	80	48	46	7

ABSTRACT:

- The 3rd year plantation (2020) under Wildlife (N) Circle consists of Eco Misc. Scheme with total area of 110.00ha.
- Jaldapara W.L. Division had taken up the maximum Grass Fodder plantations 270.00 ha.
- The Average WSP & WPS are in respect of Eco Misc. 54&58.

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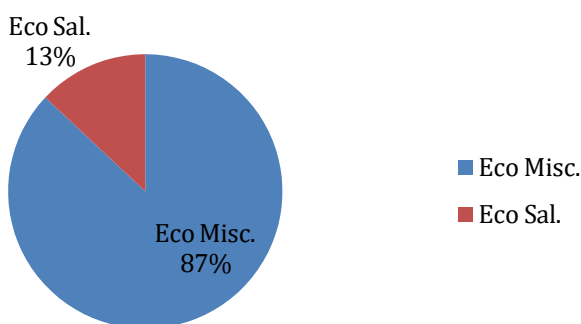
5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-56

Division/ Scheme	Eco Misc.				STRIP				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd YR WSP	3 rd Yr WPS	5 th Yr WSP	5 th Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.	Area	WSP	WPS	Ave. Ht.								
Gorumara Wild Life	20	42	41	390					20	95	78	85	83	42	41	390
Jaldapara Wild Life	81.42	70	77	431	15	33	36	170	96.42	66	58	54	61	65	71	344
Total:-	101.42	65	70	624	15	33	36	170	116.42	95	75	80	79	61	66	604

Scheme wise Area share



ABSTRACT:

- The 5th year plantation (2018) under Wildlife (N) Circle consists of two schemes Eco Misc.& STRIP with total area of 116.42 ha.
- The performance of W.L. (N) Circle is WSP 61 and WPS 66.

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.

Table:-57

Division	Total area monitored	Category-A: SP- 90% and above		Category-B: SP- 89%-75%		Category-C: SP- 74%-50%		Category-C: SP- 50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Darjeeling WL	30.31	30.31	100						
Total:-	30.31	30.31	100						

Category wise weighted survival % - 3rd year (2020 plantation)

Area in ha.

Table:-58

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP- 74%-60%		Category-C: SP- 59%-40%		Category-C: SP- <40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Gorumara Wild Life	115	9.5	8	91.5	80	14	12		
Jaldapara Wildlife	380	38.64	10	96.5	25	59.36	16	185.5	49
Total:-	495	48.14	10	188	38	73.36	15	185.5	37

Survey Monitoring Report 2022-23 (NB)

Category wise weighted survival % - 5th year (2018 plantation)

Area in ha.

Table:-59

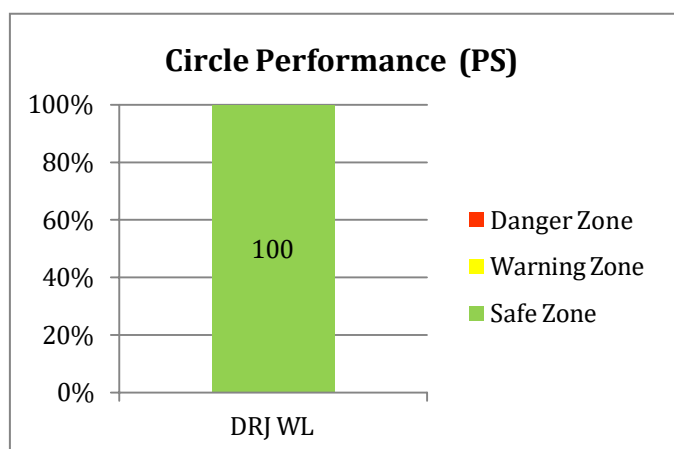
Division	Total area monitored	Category - A : SP -50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
Gorumara Wild Life	20			10	50	10	50		
Jaldapara Wildlife	96.42	86.42	90	5	5			5	5
Total:-	116.42	86.42	74	15	13	10	9	5	4

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.

Table:-60

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS>71 - 85		PS >46 -70		PS >31-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Darjeeling WL	30.31	30.31	100								
Total	30.31	30.31	100								



ABSTRACT:

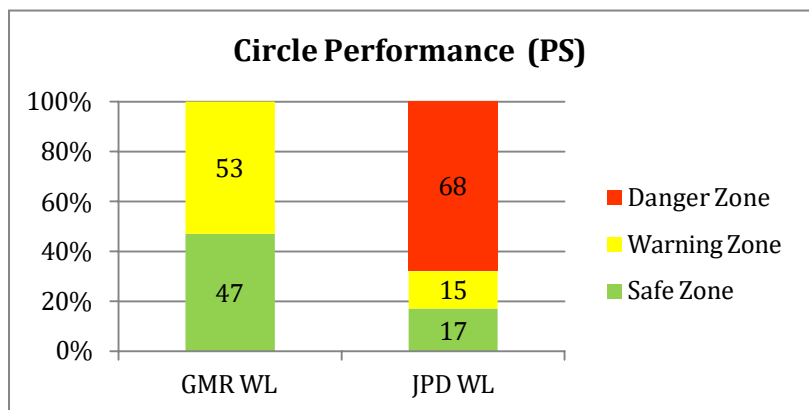
- Only Darjeeling W.L. Division is having the 1st Year (2022) plantations in Wild Life (North) Circle.
- The performance is also very good with 100% area falling under Category A i.e. Green Zone.

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CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rdYear, 2020)

Area in ha.
Table:-61

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>75		PS >61 - 75		PS >46 -60		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Gorumara Wild Life	115	46	40	8	7	61	53				
JaldaparaWild Life	380	28.64	8	34.5	9	56	15	180.36	47	80.5	21
Total	495	74.64	15	42.5	9	117	24	180.36	36	80.5	16



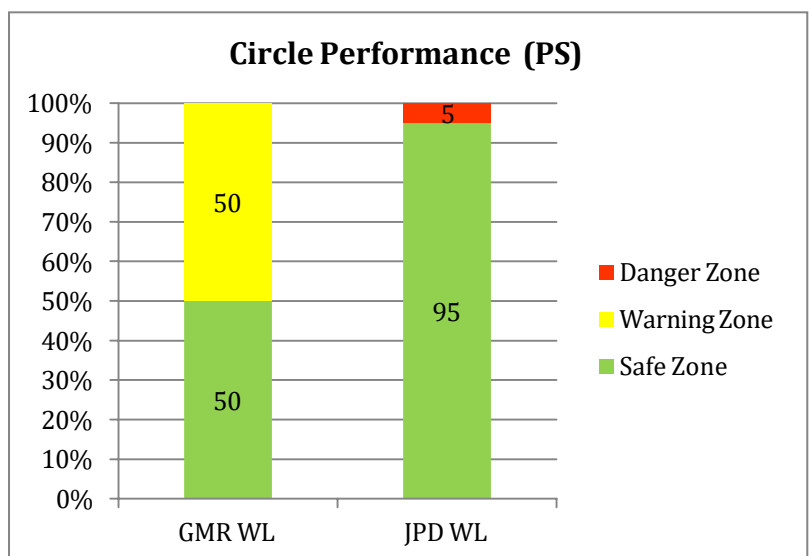
ABSTRACT:

- Total 495.00 ha of plantation was monitored under 3rd year of which Jaldapara W.L. Division has highest area of 380.00ha.
- The performance of Gorumara W.L. Division is better than Jaldapara W.L. Division with 47 % area under Green Zone.

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5thYear, 2018)

Area in ha.
Table:-62

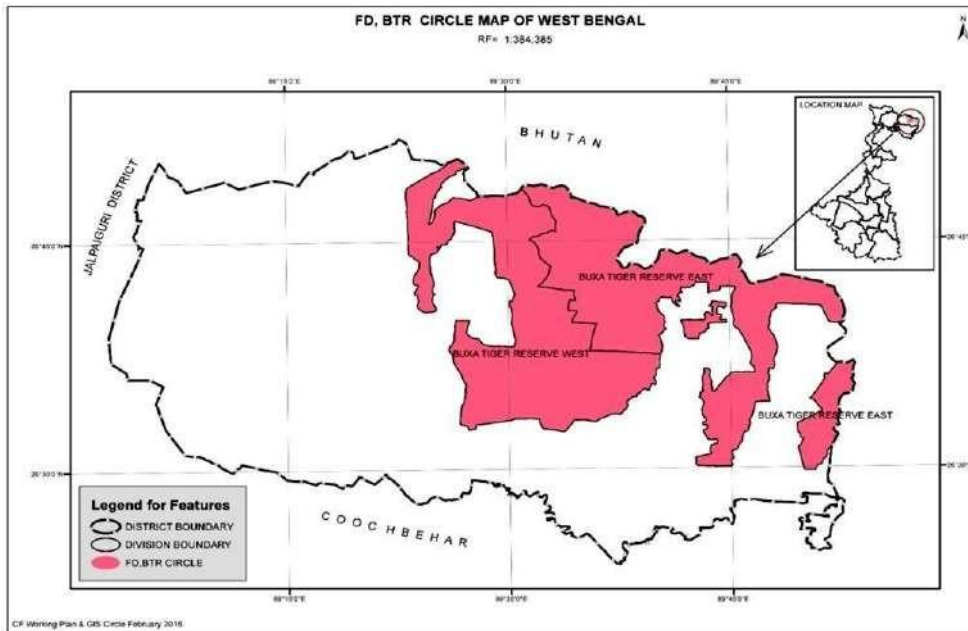
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>60		PS >45- 60		PS >30 -44		PS >15-29		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Gorumara Wild Life	20			10	50	10	50				
Jaldapara wild Life	96.42	55.42	58	36	37					5	5
Total	116.42	55.42	47	46	40	10	9			5	4



ABSTRACT:

- Total 116.42 ha of plantation was monitored under 5th year of which Jaldapara W.L. Division has highest area of 96.42 ha.
- The performance of Jaldapara W.L. Division is good with 95% area under Category A & B (Green Zone).
- Jaldapara W.L Division has 5 % area under Red Zone.

Detailed Monitoring report of Buxa Tiger Reserve Circle



Division – BTR (W), Range –Hamiltanganj, Beat – Baniadbri, Block – BNB-1B, Year – 2018, Area -10.0ha.

Divisions:-

- Buxa Tiger Reserve (East) Division
- Buxa Tiger Reserve (West) Division

Schemes:-

- Economic Miscellaneous
- Grass Fodder

Survey Monitoring Report 2022-23 (NB)

DIVISION WISE PERFORMANCE 1ST YEAR (2022 PLANTATION)

Area in ha.& Height in cm.

Table:-63

Division/Scheme	Eco Misc.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.				
BTR (East)	10	72	61	69	10	72	61	69
BTR (West)	30	83	77	63	30	83	77	63
Total:-	40	80	73	65	40	80	73	65

Area in ha.& Height in cm.

Table:-64

Division/Scheme	Grass Fodder				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Av. Clump
	Area	WSP	WPS	Avg. Clump				
BTR (East)	10	0	13	0	10	0	13	0
BTR (West)	10	70	59	2	10	70	59	2
Total:-	20	35	30	1	20	35	30	1

ABSTRACT:

- Total 40.00 ha plantation was monitored for 1st year plantation under Eco Misc. Scheme & 20.00ha In Grass Fodder Scheme.
- BTR (West) has the highest area in Eco Misc. scheme.
- BTR (West) Has also performed well in comparison of BTR (East) with WSP of 83 & WPS of 77

3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-65

Division/ Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht						
BTR (East)	13	63	59	258	13	90	81	63	59	258
Total:-	13	63	59	258	13	90	81	63	59	258

Area in ha.& Height in cm.

Table:-66

Division/ Scheme	Grass Fodder				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Avg. Clumps
	Area	WSP	WPS	Avg. Clump						
BTR (East)	10	10	14	4	10	82	70	10	14	4
Total:-	10	10	14	4	10	82	70	10	14	4

ABSTRACT:

- Total 13.00 ha plantation was monitored for 1st year plantation under Eco Misc. Scheme & 10.00ha In Grass Fodder Scheme.
- Only BTR (East) has the plantation in 3rd year (2020).

Survey Monitoring Report 2022-23 (NB)

5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-67

Division/Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	5 th Yr WSP	5 th Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht								
BTR (East)	70	64	68	481	70	93	86	79	81	64	68	481
BTR (West)	75	55	58	467	75	88	70	62	66	55	58	467
Total:-	145	59	63	474	145	90	78	70	73	59	63	474

ABSTRACT:

- 5th Year plantation under BTR Circle consists of one Scheme Eco Misc.
- Total 145.00 ha was monitored for 5th year plantation in

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.

Table:-68

Division	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category- D: SP-50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
BTR East	20					10	50	10	50
BTR West	40	10	25	10	25	20	50		
Total:-	60	10	16	10	17	30	50	10	17

Category wise weighted survival % - 3rdyear (2020 plantation)

Area in ha.

Table:-69

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category- D: SP-<40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
BTR East	23			13	57			10	43
Total:-	23			13	57			10	43

Category wise weighted survival % - 5thyear (2018 plantation)

Area in ha.

Table:-70

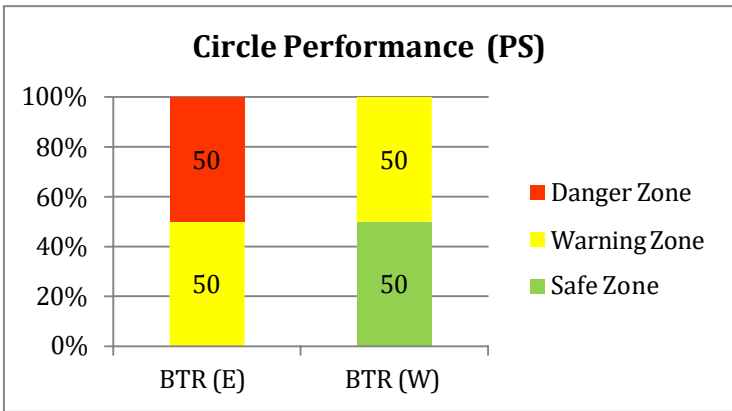
Division	Total area monitored	Category - A : SP - 50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
BTR (East)	70	70	100						
BTR (West)	75	55	74	10	13			10	13
Total:-	145	125	86	10	7			10	7

Survey Monitoring Report 2022-23 (NB)

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.
Table:-71

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS >71 - 85		PS >46 -70		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
BTR (East)	20					10	50			10	50
BTR (West)	40			20	50	20	50				
Total	60			20	33	30	50			10	17



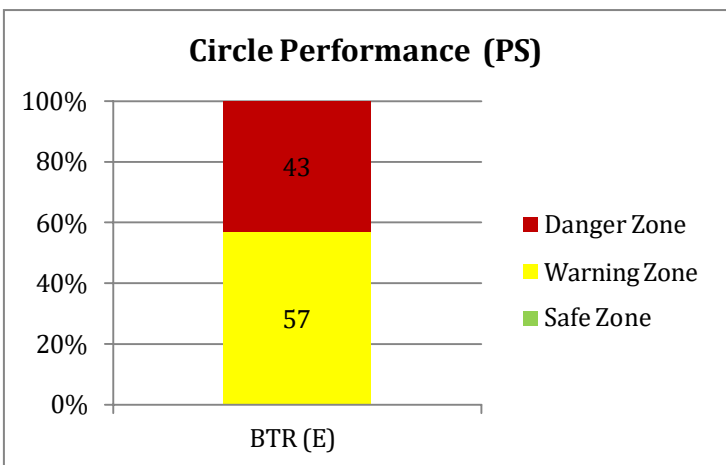
ABSTRACT:

- The performance of BTR (W) is good 50% area falling under Category B (Green Zone).
- BTR (E) has 50% area under category C and 50% area under Category E.

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rdYear, 2020)

Area in ha.
Table:-72

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>75		PS >61 - 75		PS >46 -60		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
BTR (East)	23					13	57			10	43
Total	23					13	57			10	43



ABSTRACT:

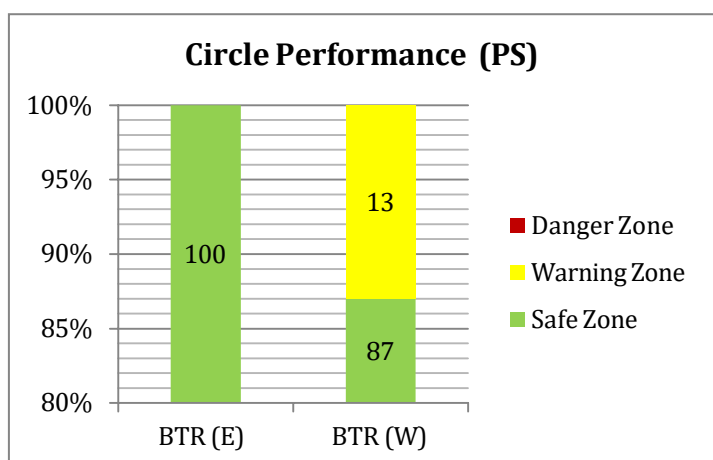
- The performance of BTR (E) is 57% area falling under (Yellow Zone) &43% area falling under Category E (Red zone).

Survey Monitoring Report 2022-23 (NB)

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5thYear, 2018)

Area in ha.
Table:-73

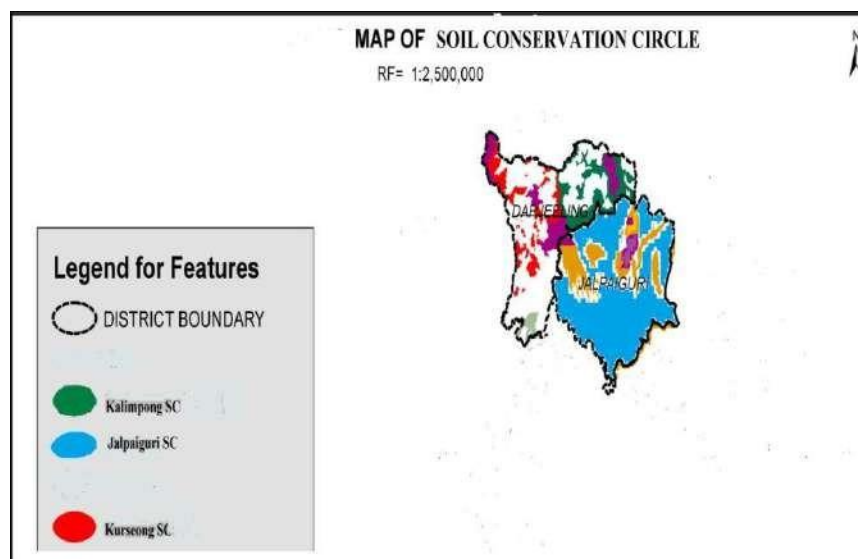
Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>60		PS >45 - 60		PS >44-30		PS >29-15		PS <=15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
BTR (East)	70	70	100								
BTR (West)	75	30	40	35	47	10	13				
Total	145	100	69	35	24	10	7				



ABSTRACT:

- The performance of BTR (E) is better than BTR (W) with 100% area falling under Category A (Green Zone).
- BTR (W) has 87 % area under (Green Zone) and 13% area under Category C (Yellow Zone).

DETAILED MONITORING REPORT OF SOIL CONSERVATION CIRCLE



Division - KGN SC., Range – Upper Mahanadi Catchment, Beat -Deorali, Block – Upper Babukhola, Area – 18.50ha. Year – 2018.

Divisions:-

- **Jalpaiguri Soil Conservation Division.**
- **Kurseong Soil Conservation Division**

Schemes:-

- **Economic Miscellaneous**

1ST YEAR (2022 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-74

Division/Scheme	Eco Misc.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht				
Jalpaiguri Soil Conservation	90	70	64	85	90	70	64	85
Kurseong Soil Conservation	20	92	90	79	20	92	90	79
Total:-	110	74	69	121	110	74	69	121

ABSTRACT:

- The 1st year plantation under Soil Conservation (North) Circle consists of only one scheme i.e. Eco Misc.
- Total area of plantation created is 110.00ha.
- Jalpaiguri S.C. Division has highest area of plantation with total 90.00ha.
- The performance of Kurseong S.C. Division is better with Avg.WSP 92& WPS 90. Avg.

3RD YEAR (2020 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-75

Division/Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht						
Jalpaiguri Soil Conservation	63	42	47	301	63	83	75	42	47	301
Kurseong Soil Conservation	15	74	73	211	15	94	99	74	73	211
Total:-	78	48	52	269	78	85	79	48	52	269

ABSTRACT:

- 3rd Year plantation under Soil Conservation (North) Circle consists of only one scheme i.e. Eco Misc.
- Total 78.00 ha of plantation was monitored which belonged to including two Division i.e. Jalpaiguri S.C. & Kurseong S.C. Division.
- Average WSP and WPS are 48&52 respectively.

Survey Monitoring Report 2022-23 (NB)

5TH YEAR (2018 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-76

Division/ Scheme	Eco Misc.				Total Area (Ha)	1 st Yr WSP	1 st Yr WPS	3 rd Yr WSP	3 rd Yr WPS	5 th Yr WSP	5 th Yr WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht								
Jalpaiguri Soil Conservation	50	70	79	372	50	95	78	82	83	70	79	372
Kurseong Soil Conservation	50	60	66	369	50	91	87	81	93	60	66	369
Total:-	100	65	73	384	100	91	78	81	88	65	73	384

ABSTRACT:

- The 5th year plantation under Soil Conservation (North) Circle consists of one scheme i.e. Eco Misc.
- Total area of plantation monitored is 100.00ha.

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.

Table:-77

Division	Total area monitored	Category-A: SP-90% and above		Category-B: SP-89%-75%		Category-C: SP-74%-50%		Category- D: SP-<50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
KGN SC	20	20	100						
JPG SC	90	50	56	15	16			25	28
Total:-	110	70	64	15	113			25	23

Category wise weighted survival % - 3rd year (2020 plantation)

Area in ha.

Table:-78

Division	Total area monitored	Category-A: SP-75% and above		Category-B: SP-74%-60%		Category-C: SP-59%-40%		Category- D: SP-<40%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
JPG SC	63			33	52	10	16	20	32
KGN SC	15	10	67	5	33				
Total:-	78	10	13	38	49	10	13	20	25

Category wise weighted survival % - 5th year (2018 plantation)

Area in ha.

Table:-79

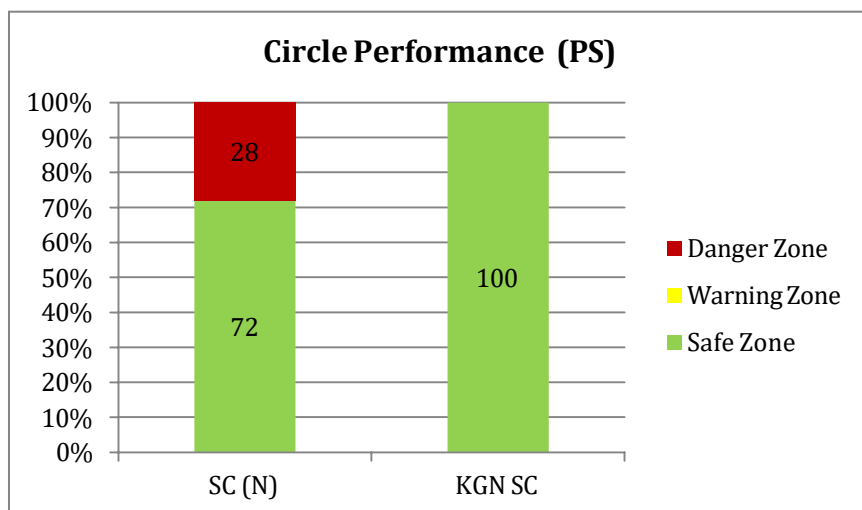
Division	Total area monitored	Category - A : SP - 50% and above		Category - B : SP - 49% - 40%		Category - C : SP - 39% - 30%		Category - D : SP - < 30%	
		Area	area %	Area	area %	Area	area %	Area	area %
JPG SC	50	50	100						
KGN SC	50	50	100						
Total:-	100	100	100						

Survey Monitoring Report 2022-23 (NB)

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.
Table:-80

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS>71- 85		PS >46 -70		PS >31-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Jalpaiguri Soil Conservation	90			65	72					25	28
Kurseong Soil Conservation	20	15	75	5	25						
Total	110	15	13	70	64					25	23



ABSTRACT:

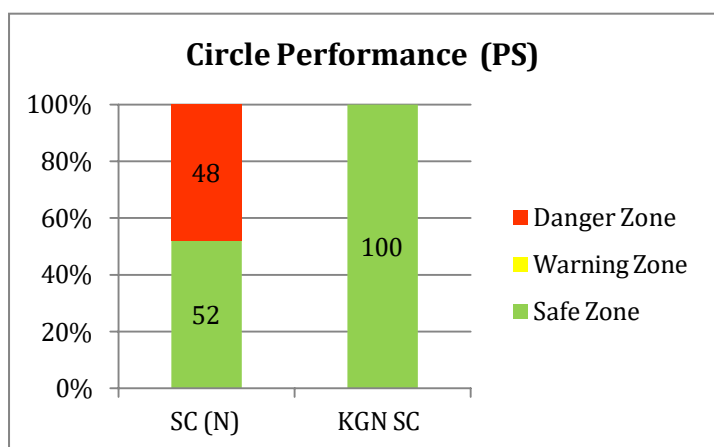
- The Kurseong S.C. Divisions have 100% area under Green Zone which is excellent.
- The Jalpaiguri S.C. Division is having total area in Category A & B (Green Zone).

Survey Monitoring Report 2022-23 (NB)

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 3rd Year, 2020)

Area in Ha.
Table No. – 81

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS > 75		PS > 61 - 75		PS > 46 - 60		PS > 31 - 45		PS ≤ 30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Jalpaiguri Soil Conservation	63			33	52					30	48
Kurseong Soil Conservation	15			15	100						
Total	78			48	62					30	38



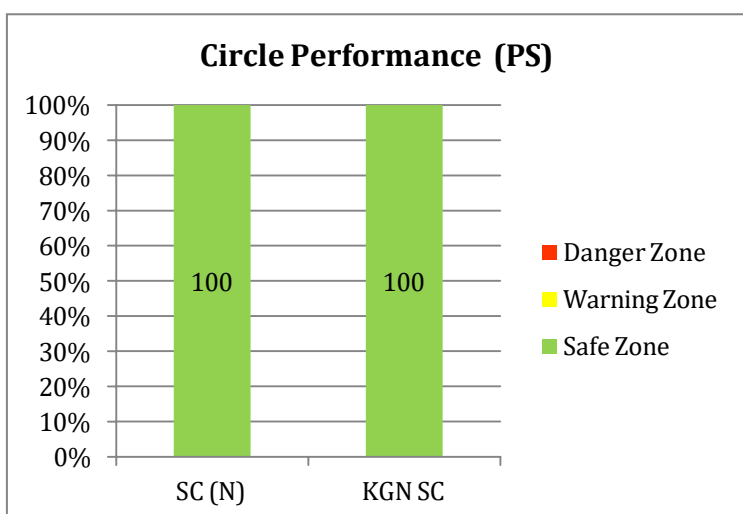
ABSTRACT:

- Jalpaiguri S.C. Division has 48% of plantation in Red zone.
- Kurseong S.C. Division has 100 % area of plantation under Green zone.
- Jalpaiguri S.C. division has the highest area i.e. 63.00 ha.

CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 5th Year, 2018)

Area in ha.
Table:-82

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS > 60		PS > 45 - 60		PS > 30 - 44		PS > 15 - 29		PS ≤ 15	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Jalpaiguri Soil Conservation	50	50	100								
Kurseong Soil Conservation	50	35	70	15	30						
Total	100	85	85	15	15						



ABSTRACT:

- The Jalpaiguri S.C. & Kurseong S.C. Division has 100 % area under Category A & B (Green Zone)
- There is no plantation under Category C, D & E which is very good.

DETAILED MONITORING REPORT OF RESEARCH CIRCLE



Division -Silviculture North., Range - Buxa Coochbehar Range, Beat -WRVK, Block -SRVK,
Scheme - Eco Misc, Area - 07.0ha. Year - 2022.

Divisions:-

- Silviculture (North) Division.
- Silviculture (HILL) Division.

Schemes:-

- Economic Miscellaneous

Survey Monitoring Report 2022-23 (NB)

1ST YEAR (2022 PLANTATION) – DIVISION WISE PERFORMANCE

Area in ha.& Height in cm.

Table:-83

Division/ Scheme	Eco Misc.				Total Area (Ha)	Division Wise WSP	Division Wise WPS	Division Wise Ave. Ht
	Area	WSP	WPS	Ave. Ht.				
Silviculture (North)	22.5	64	68	101	22.5	64	68	101
Total:-	22.5	64	68	101	22.5	64	68	101

ABSTRACT:

- The 1st year plantation under Research Circle consists of only one scheme i.e. Eco Misc.
- Total area of plantation created is 22.50ha.
- The performance of Silviculture (North) Division is good with Avg.WSP64& WPS 68. Avg. Height is also good with 101cm.

Category wise weighted survival % - 1st year (2022 plantation)

Area in ha.

Table:-84

Division	Total area monitored	Category-A: SP- 90% and above		Category-B: SP- 89%-75%		Category-C: SP- 74%-50%		Category-D: SP- 50%	
		Area	% Area	Area	% Area	Area	% Area	Area	% Area
Silviculture (North)	22.5	10	44			12.5	56		
Total:-	22.5	10	44			12.5	56		

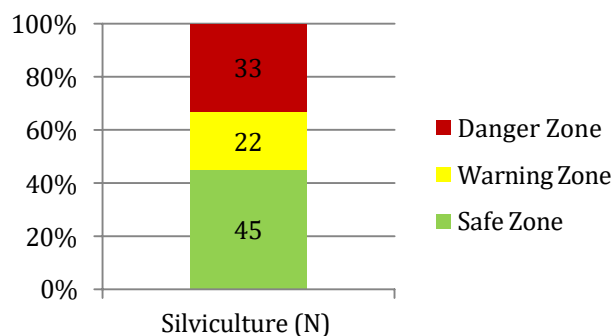
CIRCLE PERFORMANCE AT A GLANCE (PERFORMANCE SCORE 1st Year, 2022)

Area in ha.

Table:-85

Division	Total Area Monitored	Category-A		Category-B		Category-C		Category-D		Category-E	
		PS>85		PS >71 - 85		PS >46 -70		PS >30-45		PS <=30	
		Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area	Area (Ha)	% Area
Silviculture (North)	22.5	10	45			5	22	7.5	33		
Total	22.5	10	45			5	22	7.5	33		

Circle Performance (PS)



ABSTRACT:

- Silviculture (North) Divisions have 45% area under Green Zone, 22% in Yellow Zone & 33% Red Zone.

Year - 1st Year (2022)

Year	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 1st Year			Latitude	Longitude	C.V	Date of Survey	W.C.	Final Score
									Sal	Misc	Over all						
2022	Hill Circle	Darjeeling	Eco Misc	Teestavally	Geil	Geil-2	2.5m x 2.5m	2		95	95	27°00'42"	88°25'31"	7.99	28.02.24	Misc	99
2022	Hill Circle	Darjeeling	Eco Misc	Tonglu	Maneybhanjan	LR-8	2.5m x 2.5m	1		99	99	26°59'48.37"	88°07'11.77"	1.59	01.03.24	Misc	99
2022	Hill Circle	Darjeeling	Eco Misc	Ghumsimana	Rongbong	Rongbong-1	2.5m x 2.5m	1		97	97	26°58'51.7"	88°08'12.04"	9.51	29.02.24	Misc	99
2022	Hill Circle	Darjeeling	Eco Misc	Takdha	Takdha	Lingding-6	2.5m x 2.5m	3		95	95	27°02'51.5"	88°20'55.5"	5.46	05.03.24	Misc	99
2022	Hill Circle	Darjeeling	Eco Misc	Badamta	Soom	Lebong park	2.5m x 2.5m	1		93	93	27°05'13.65"	88°27'48.33"	15.68	05.03.24	Misc	96
2022	Hill Circle	Kalimpong	Eco Misc	Neora	Burikhola	MAL-14	2m x 2m	5		94	94	26°88'958"	88°58'538"	3.01	13.03.24	Misc	99
2022	Hill Circle	Kalimpong	Eco Misc	Kalimpong	Nazock	Yamakum	2m x 2m	3		95	95	26°55'25.3"	88°28'43.6"	23.19	09.03.24	Misc	93
2022	Hill Circle	Kalimpong	Eco Misc	Sumsing	Sumsing	Ntener-3	2m x 2m	7		98	98	26°59'15"	88°47'18"	3.87	11.03.24	Misc	99
2022	Hill Circle	Kurseong	Grass Fodder	Bagdogra	Bagdogra	Rishabari	1mtx1mt	5		90	90	26°42'95.0"	88°16'90.0"	2.00	02.03.24	Fodder	83
2022	Hill Circle	Kurseong	Eco Misc	Bagdogra	Taipoo	Tirahana	2m x 2m	4		92	92	26°45'81.0"	88°16'60.0"	21.11	02.03.24	Misc	93
2022	Hill Circle	Kurseong	Eco Misc	Gagora	Mana	Mana	2m x 2m	2		90	90	26°54'58.3"	88°23'07.0"	33.21	01.03.24	Misc	79
2022	Hill Circle	Kurseong	Eco Misc	Gagora	Gourigaom	M-5	2m x 2m	4		89	89	26°54'32.7"	88°17'53.8"	26.24	01.03.24	Misc	81
2022	Hill Circle	Kurseong	Eco Misc	Ghoshpukur	Phansidewa	Kuchai	2m x 2m	1.5		9	9	26°36'43.5"	88°15'38.8"	19.12	03.02.24	Misc	31
2022	Hill Circle	Kurseong	Eco Misc	Ghoshpukur	Phansidewa	Bhuwangiri chat	2m x 2m	3.5		36	36	26°39'12.6"	88°16'33.3"	23.40	03.02.24	Misc	27
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	17.78	83	92	88	26°43'09.51"	88°59'18.12"	19.63	08.03.24	Sal	97
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	2.6	83	92	88	26°42'37.83"	88°59'45.63"	23.64	08.03.24	Sal	91
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	15.5	81	93	87	26°42'58.08"	88°59'17.21"	25.05	08.03.24	Sal	92
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	11.6	82	91	87	26°43'09.51"	88°59'18.12"	21.23	09.03.24	Sal	91
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	3.74	82	91	87	26°53'08.6"	88°59'11.7"	25.86	09.03.24	Sal	94
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Khuntimari	S. Moraghat - 2	2m x 2m	4.23	81	94	88	26°43'09.51"	88°59'18.12"	17.33	09.03.24	Sal	96
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Gossaihat	SMG - 7	2m x 2m	7.5	80	89	85	26°40'45.6"	88°59'27.9"	41.80	10.03.24	Sal	84
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Gossaihat	SMG - 7	2m x 2m	12.55	72	84	78	26°41'16.8"	88°59'27.4"	13.08	10.03.24	Sal	82
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Totapara	CMG - 1	2m x 2m	9.11	51	63	57	26°45'36.1"	88°00'06.8"	17.88	04.03.24	Sal	73
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Totapara	NMG - 1	2m x 2m	8.9	36	61	49	26°46'28.2"	88°59'09.1"	30.54	04.03.24	Sal	68
2022	Northern Circle	Jalpaiguri	Eco Sal	Moraghat	Sonakhali	GHT-3	2m x 2m	3.75	72	87	80	26°38'43.59"	89°01'22.92"	23.14	05.03.24	Sal	91
2022	Northern Circle	Coochbehar	Grass Fodder	Pundi Bari	Patlakhawa	Putimari Boxirboss	1mtx1mt	10		80	80	26°27'52.85"	89°19'45.51"	4.00	27.02.24	G.F	74

2022	Northern Circle	Coochbehar	Grass Fodder	Pundi Bari	Patlakhawa	Putimari Boxirboss	1mtx1mt	10		90	90	26°27'57.24"	89°19'37.93"	6.00	27.02.24	G.F	92
2022	North West Circle	Jalpaiguri SF	STRIP	Maynaguri SF	Boulbari SF	Indra more to baharampur	4m x 4m	12		91	91	26°33'01.05"	88°49'30.0"	1.39	07.03.24	Misc	92
2022	North West Circle	Jalpaiguri SF	STRIP	Jalpaiguri SF	Jalpaiguri SF	Sipaipara para to Khair bari	4m x 4m	12		90	90	26°24'43.5"	88°42'34.9"	5.12	07.03.24	Misc	92
2022	North West Circle	Jalpaiguri SF	STRIP	Falakata SF	Falakata SF	Dhupguri more to Birpara	4m x 4m	12		98	98	26°32'29.58"	89°10'30.58"	11.84	28.02.24	Misc	93
2022	North West Circle	Raiganj	STRIP	Raiganj	Raiganj	Madhupurr to Bahim	4mt x 4mt	10		99	99	25°38'03.98"	88°05'27.34"	3.90	13.03.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Raiganj	Kaliaganj	Foriadpur river bank	4mt x 4mt	10		98	98	25°36'33.65"	88°24'04.02"	3.37	13.03.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Nouda	4mt x 4mt	5		98	98	25°43'51.50"	88°17'16.40"	3.64	13.03.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Raiganj	Itahar	Bandabari to nondagram	4mt x 4mt	10		97	97	25°31'10.28"	88°10'02.96"	1.94	14.03.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Nouda forest area	4mt x 4mt	8		100	100	25°43'50.21"	88°17'06.39"	3.10	13.03.24	Misc	98
2022	North West Circle	Raiganj	STRIP	Karandichi	Karandighi	Tajpur to dopkal	4mt x 4mt	5		94	94	25°58'30.5"	88°03'87.8"	4.79	07.03.24	Misc	98
2022	North West Circle	Raiganj	STRIP	Chopra	Chopra	dakshin kundal to pukur	4mt x 4mt	10		98	98	26°25'54.81"	88°22'57.20"	9.21	07.03.24	Misc	99
2022	North West Circle	Raiganj	Eco Misc	Chopra	Chopra	Balabari	2mt x 2mt	7		90	90	26°27'46.08"	88°26'27.11"	1.66	07.03.24	Misc	87
2022	North West Circle	Raiganj	STRIP	Kushmundi	Buniadpur	Dhangram to beldangi	4mt x 4mt	20		98	98	25°18'58.49"	88°14'44.88"	3.78	14.03.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Balurghat	Tapan	daral choumohini to Malancha	4mt x 4mt	10		99	99	25°19'00.58"	88°36'24.36"	2.67	28.02.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Balurghat	Balurghat	khanpur to Muraripur	4mt x 4mt	10		100	100	25°15'56.16"	88°54'55.25"	2.41	27.02.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Balurghat	Balurghat	Madan ganj river bank	4mt x 4mt	5		99	99	25°17'02.84"	88°45'51.48"	7.60	27.02.24	Misc	99
2022	North West Circle	Raiganj	STRIP	Balurghat	Tapan	malahar to jamuni nishchinta	4mt x 4mt	10		98	98	25°18'19.30"	88°37'25.20"	2.69	27.02.24	Misc	99
2022	North West Circle	Malda	STRIP	Gazole	Singhabad	Sodapull hargaon, panchopokria	4mt x 4mt	50		99	99	24°57'50.90"	88°16'57.23"	1.82	25.02.24	Misc	99
2022	North West Circle	Siliguri SF	STRIP	ETSF	Naxalbari	Laljhora	4m x 4m	10		96	96	26°40'00.7"	88°10'03.0"	15.09	29.02.24	Misc	94
2022	North West Circle	Siliguri SF	Eco Misc	Gairkata	Dhupguri	Khairkata	2m x 2m	25		93	93	26°45'23.1"	88°54'29.1"	3.09	27.02.24	Misc	93
2022	North West Circle	Siliguri SF	Eco Misc	Malbazer	Malbazer	HSK-2	2m x 2m	4		88	88	26°48'36.7"	88°39'29.3"	29.50	28.02.24	Misc	82
2022	North West Circle	Siliguri SF	Eco Misc	Malbazer	Malbazer	HSK-2	2m x 2m	6		90	90	26°48'21.3"	88°40'16.1"	15.15	28.02.24	Misc	83
2022	Wild Life Circle	Darjeeling WL	Eco Misc	Senchal west	Sonada	Sonada	2m x 2m	6.3		95	95	26°58'05.0"	88°60'85.0"	8.21	04.01.24	Misc	99
2022	Wild Life Circle	Darjeeling WL	Eco Misc	Senchal west	Jorebunglow	Dhodria	2m x 2m	5.48		97	97	26°59'800"	88°15'000"	8.58	04.01.24	Misc	99
2022	Wild Life Circle	Darjeeling WL	Eco Misc	Senchal west	Jorebunglow	Senchal posture	2m x 2m	2.86		94	94	26°59'700"	88°16'700"	7.97	04.01.24	Misc	99
2022	Wild Life Circle	Darjeeling WL	Eco Misc	Senchal west	Jorebunglow	Senchal posture	2m x 2m	0.67		98	98	26°59'721"	88°16'795"	9.59	04.01.24	Misc	99

2022	Wild Life Circle	Darjeeling WL	Eco Misc	Senchal East	Rombi	Reshop	2m x 2m	5		99	99	26°58'277"	88°20'475"	6.05	05.01.24	Misc	99
2022	Wild Life Circle	Darjeeling WL	Grass Fodder	West Range	Sukna	Sukna-2	1m x m	10		92	92	26°48'52.3"	88°21'45.2"	6.00	05.01.24	Fodder	90
2022	BTR Circle	B.T.R. West	Eco Misc	Hamiltonganj	Ramgarati	RMT-3B	2m x 2m	10		72	72	26°81'75.84"	89°39'62.75"	7.68	24.02.24	Misc	64
2022	BTR Circle	B.T.R. West	Eco Misc	West Damanpur	East Poro	Poro-7	2m x 2m	10		87	87	26°34'32.2"	89°28'14.6"	10.34	25.02.24	Misc	84
2022	BTR Circle	B.T.R. West	Eco Misc	Nimati	West Nimati	NMT-1B	2m x 2m	10		90	90	26°38'21.72"	89°27'30.43"	7.95	26.02.24	Misc	84
2022	BTR Circle	B.T.R. West	Grass Fodder	WRVK	CRVK	SRVK-3	1mtx1mt	10		70	70	26°65'98.45"	89°55'88.65"	2.00	27.02.24	Fodder	58
2022	BTR Circle	B.T.R. East	Eco Misc	North Rydak	Kartika	KTRF	2m x 2m	10		72	72	26°64'30.14"	89°70'75.66"	13.87	28.02.24	Misc	61
2022	BTR Circle	B.T.R. East	Grass Fodder	South Rydak	South Rydak	Dhowla-2	1mtx1mt	10		0	0	26°56'19.48"	89°72'58.36"	0.00	29.02.24	G.F	13
2022	Soil Conservation (North)	Jalpaiguri SC	Eco Misc.	Mahananda Catchement	MNC HQ	Gourikone - 2	2m x 2m	15		86	86	26°38'28.7"	88°35'59.7"	24.08	06.03.24	Misc	77
2022	Soil Conservation (North)	Jalpaiguri SC	Eco Misc	Rydak catchmant	Khamakhagn i	Marakata-4	2m x 2m	25		12	12	26°55'10.46"	89°77'86.11"	10.60	22.12.23	Misc	25
2022	Soil Conservation (North)	Jalpaiguri SC	Eco Misc	Mansai Catchment	Sonapur SC	Putimari boxirboss	2m x 2m	16		94	94	26°27'37.43"	89°18'57.81"	65.58	29.02.24	Misc	76
2022	Soil Conservation (North)	Jalpaiguri SC	Eco Misc	Mansai Catchment	Sonapur SC	Putimari boxirboss	2m x 2m	9		97	97	26°28'40.91"	89°18'52.86"	72.62	29.02.24	Misc	76
2022	Soil Conservation (North)	Jalpaiguri SC	Eco Misc	Torsa Catchment	Barodabri Sc	KB-3	2m x 2m	25		93	93	26°36'47.57"	89°11'45.36"	34.31	29.02.24	Misc	83
2022	Soil Conservation (North)	KGN SC	Eco Misc	WBC	Mirik sc	Bungkulung	2.5m x 2.5m	5		93	93	26°52'24.9"	88°13'26.5"	20.15	05.03.24	Misc	97
2022	Soil Conservation (North)	KGN SC	Eco Misc	UMC	Deorali sc	L.Babukhola	2.5m x 2.5m	5		90	90	26°54'12.0"	88°20'17.3"	25.68	04.03.24	Misc	77
2022	Soil Conservation (North)	KGN SC	Eco Misc	EBC	Dilaram sc	Gorabarick	2.5m x 2.5m	5		92	92	26°57'32.1"	88°16'58.8"	19.24	04.03.24	Misc	96
2022	Soil Conservation (North)	KGN SC	Eco Misc	UTC	Kalijhora	Latpancher	2.5m x 2.5m	5		93	93	26°54'13.9"	88°24'07.8"	13.53	04.03.24	Misc	90
2022	Research Circle	Silviculture (North)	Eco Misc	Jalpaiguri Reasearch	Lataguri	LT - 2	2m x 2m	5		48	48	26°41'33.6"	88°47'04.6"	2.84	05.03.24	Misc	47
2022	Research Circle	Silviculture (North)	Eco Misc	Jalpaiguri Reasearch	Lataguri	LT - 2	2m x 2m	5		42	42	26°41'41.0"	88°47'09.4"	3.20	05.03.24	Misc	45
2022	Research Circle	Silviculture (North)	Eco Misc	Jalpaiguri Reasearch	Lataguri	LT - 2	2.5m x 2.5m	2.5		24	24	26°41'55.2"	88°47'07.3"	2.14	05.03.24	Misc	36
2022	Research Circle	Silviculture (North)	Eco Misc	Buxa Cochbehar Research	WRVK	SRVK Block	2m x 2m	3		92	92	26°62'18.37"	89°52'37.93"	13.62	27.02.24	Misc	95
2022	Research Circle	Silviculture (North)	Eco Misc	Buxa Cochbehar Research	WRVK	SRVK Block	2m x 2m	7		94	94	26°62'01.71"	89°52'15.63"	1.06	27.02.24	Misc	97

Year - 3rd Year (2020)

Year	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 3rd Yr			GPS Reading		C.V	Date of Survey	W.C.	Final Score
									Sal	Misc	Over all	Latitude	Longitude				
2020	Hill Circle	Darjeeling	Eco Misc	Takdah	Takdah HQ	Lingding-2	2.5mt×2.5 mt	2		78	78	27°02'40.03"	88°21'39.29"	4.82	20.12.23	NA	84
2020	Hill Circle	Darjeeling	Eco Misc	Darjeeling	Chattaidhora	Durbin-2	2.5mt×2.5 mt	5		91	91	27°00'789"	88°20'92.80"	11.74	26.12.24	NA	94
2020	Hill Circle	Darjeeling	Eco Misc	Rimbik	North Rimbik	Sandakphu-1	2.5mt×2.5 mt	8		81	81	27°12'56.5"	88°05'10.4"	8.78	27.12.24	NA	97
2020	Hill Circle	Kalimpong	Eco Misc	Jaldhaka	Paren	Paren-2	2.5mt×2.5 mt	6		89	89	27°03'12.63"	88°52'10.71"	12.30	12.12.23	NA	89
2020	Hill Circle	Kalimpong	Eco Misc	Jaldhaka	Paren	Paren-1	2.5mt×2.5 mt	4		84	84	27°02'29"	88°51'55"	14.34	12.12.23	NA	89
2020	Hill Circle	Kalimpong	Eco Misc	Loleygoan	Chumang	Saihur	2.5mt×2.5 mt	5		85	85	-	-	7.45	08.12.23	NA	92
2020	Hill Circle	Kalimpong	Eco Misc	Sumsing	Sumsing	Easter-5	2.5mt×2.5 mt	5		84	84	26°58'31.21"	88°46'30.15"	12.69	12.12.23	NA	94
2020	Hill Circle	Kalimpong	Eco Misc	Chel	Chunnabhatti	Chusanti-6	2.5mt×2.5 mt	15		87	87	26°53'33.5"	88°36'00.7"	9.91	13.12.23	NA	70
2020	Hill Circle	Kalimpong	Eco Misc	Chel	Chukhim	Charuti-12	2.5mt×2.5 mt	10		87	87	26°56'56.5"	88°33'20.8"	7.20	06.12.23	NA	92
2020	Hill Circle	Kalimpong	Eco Misc	Chel	Chunnabhatti	Lish-13b	2.5mt×2.5 mt	5		85	85	26°56'10.5"	88°32'58.5"	8.62	13.12.23	NA	92
2020	Hill Circle	Kurseong	Eco Misc	Panighata	Lohagarah	Centralmechi	2.5m×2.5m	5		75	75	26°46'29.50"	88°11'36.80"	65.72	11.12.23	Misc	66
2020	Hill Circle	Kurseong	Eco Misc	Panighata	Panighata	Panighata	2.5m×2.5m	5		30	30	26°48'25.81"	88°14'41.53"	12.59	11.12.23	Misc	34
2020	Hill Circle	Kurseong	Eco Misc	Sevoke	Latpanchar	Sittong	2.5m×2.5m	5		74	74	26°54'18.1"	88°54'18.0"	32.39	14.12.23	Misc	61
2020	Hill Circle	Kurseong	Eco Misc	Tukriajhar	UCC	UCC (2)	2.5m×2.5m	5		80	80	26°39'24.1"	88°14'23.9"	27.84	28.12.23	Misc	65
2020	Hill Circle	Kurseong	Eco Misc	Bagdogra	Bagdogra	Lalfa	2.5m×2.5m	10		72	72	26°41'58.9"	88°16'04.3"	5.29	15.12.23	Misc	71
2020	Hill Circle	Kurseong	Eco Misc	Tukriajhar	UCC	UCC (1)	2.5m×2.5m	5		79	79	26°49'53.20"	88°16'34.0"	14.76	28.12.23	Misc	74
2020	Hill Circle	Kurseong	Eco Misc	Bamanpokhri	Bamanpokhri	Tarabari	2.5m×2.5m	10		32	32	26°46'29.9"	88°17'43.6"	9.96	13.12.23	Misc	27
2020	Northern Circle	Jalpauri	Eco Misc	Daina	Khairkata	South Daina	2mt × 2mt	20		82	82	26°47'29.68"	88°54'39.00"	5.40	04.12.23	BDWC	100

2020	Northern Circle	Jalpaiuri	Eco Misc	Chalsa	Sipchu	Chapramari - 1B	2mt × 2mt	10		22	22	26°55'17.03"	88°50'19.12"	2.11	18.12.23	BDWC	31
2020	Northern Circle	Jalpaiuri	Eco Misc	Nathua	Godheyarkuti	Ramsai	2mt × 2mt	11.4		36	36	26°40'59.04"	88°52'48.06"	4.15	18.12.23	RWC	36
2020	Northern Circle	Jalpaiuri	Eco Misc	Nathua	Nathua	Jaldhaka	2mt × 2mt	9		38	38	26°45'36.45"	88°52'33.91"	9.82	19.12.23	BDWC	42
2020	Northern Circle	Jalpaiuri	Eco Misc	Moraghat	Khutmari	CMG-12	2mt × 2mt	10		70	70	26°43'46.8"	89°00'20.5"	9.07	16.12.23	BDWC	69
2020	Northern Circle	Jalpaiuri	Eco Misc	Moraghat	Totapara	CMG-2	2mt × 2mt	10		59	59	26°46'12.74"	88°58'38.32"	57.71	03.12.23	BDWC	46
2020	Northern Circle	Jalpaiuri	Eco Misc	Moraghat	Gosaihat	SMG-9	2mt × 2mt	10		71	71	26°41'12.14"	89°00'22.10"	15.36	10.12.23	BDWC	81
2020	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Atiamocher	Takoamari	2mt×2mt	8.03		83	83	26°26'08.04"	89°44'39.32"	26.88	05.02.24	Misc	98
2020	Northern Circle	Coochbehar	Eco Misc	Coochbehar-2	Nagurhat	Rasikbill	2mt×2mt	7		69	69	26°25'22.90"	89°43'59.04"	42.68	06.02.24	Misc	60
2020	Northern Circle	Baikunthapur	Eco Misc	Targhera	Targhera	Oddlabari-4	2mt×2mt	5		67	67	26°49'05.8"	88°37'16.0"	14.20	21.12.23	Misc	68
2020	Northern Circle	Baikunthapur	Eco Misc	Belacoba	Shikarpur	Mantadari-5	2mt×2mt	10		2	2	26°38'16.38"	88°34'21.75"	64.43	20.12.23	Misc	6
2020	Northern Circle	Baikunthapur	Eco Misc	Belacoba	Gourikone	GK-2	2mt×2mt	10		1	1	26°39'33.23"	88°36'04.11"	2.32	20.12.23	Misc	17
2020	Northern Circle	Baikunthapur	Eco Misc	Targhera	Mechbasti	Chel-1	2mt×2mt	5		73	73	26°47'28.1"	88°40'59.0"	13.60	21.12.23	Misc	79
2020	Northern Circle	Baikunthapur	Eco Misc	Apalchand	Phuljhora	PHJ-5	2mt×2mt	10		71	71	26°46'09.86"	88°40'16.14"	26.29	18.12.23	Misc	73
2020	North West Circle	Jalpaiguri Social Forestry	MGNREGS	Jalpaiguri SF	Jalpaiguri	Dhapganj to berubari more	4mt×4mt	5		31	31	26°27'225"	88°42'093"	14.49	19.12.23	Misc	51
2020	North West Circle	Jalpaiguri Social Forestry	MGNREGS	Jalpaiguri SF	Jalpaiguri	Konpakri to Sovarhat	4mt×4mt	5		32	32	26°27'096"	88°40'810"	4.69	19.12.23	Misc	51
2020	North West Circle	Raiganj	Eco Misc	Chopra	Chopra	Bilasi Mouza	2mt×2mt	7		77	77	26°20'30.85"	88°18'29.74"	2.56	22.01.24	Misc	82
2020	North West Circle	Raiganj	STRIP	Chopra	Islampur	Teesta Cannel side	4mt×4mt	10		72	72	26°16'08.12"	88°12'47.71"	6.67	23.01.24	Misc	82
2020	North West Circle	Raiganj	STRIP	Balurghat	Tapon	Malancha	4mt×4mt	5		89	89	25°12'54.04"	88°39'27.42"	6.96	13.01.24	Misc	98

2020	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Chousa to mulai tangan river bank	4mt×4mt	15		82	82	25°35'10.03"	88°26'49.48"	8.35	18.01.24	Misc	97
2020	North West Circle	Raiganj	STRIP	Chopra	Chopra	Teesta Cannel side	4mt×4mt	20		79	79	26°21'09.72"	88°21'30.62"	10.03	23.01.24	Misc	95
2020	North West Circle	Raiganj	STRIP	Balurghat	Tapon	Dwipkhanda dhai nagar	4mt×4mt	10		82	82	25°17'56.22"	88°36'14.22"	3.02	13.01.24	Misc	85
2020	North West Circle	Raiganj	STRIP	Balurghat	Kumarganj	Jakirhat jakirpur	4mt×4mt	5		85	85	25°29'44.92"	88°47'37.80"	9.85	15.01.24	Misc	99
2020	North West Circle	Raiganj	STRIP	Balurghat	Kumarganj	Samjhia	4mt×4mt	10		78	78	25°30'41.92"	88°48'23.51"	9.40	15.01.24	Misc	98
2020	North West Circle	Raiganj	STRIP	Raiganj	Kaliaganj	Bhelai to Mittrobari Anantapur	4mt×4mt	5		75	75	25°41'47.3"	88°19'52.1"	8.54	31.01.24	Misc	82
2020	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Purbobasil Forest and CPWD Rd	4mt×4mt	5		87	87	25°35'01.31"	88°29'15.72"	15.30	18.01.24	Misc	92
2020	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Mohespur Forest	4mt×4mt	5		85	85	25°34'17.4"	88°28'56.21"	10.89	18.01.24	Misc	98
2020	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Chandol Forest	4mt×4mt	5		90	90	25°31'30.50"	88°31'22.94"	0.32	18.01.24	Misc	97
2020	North West Circle	Raiganj	STRIP	Raiganj	Raiganj	Mohini ganj bazer to Bisrail sadhapur	4mt×4mt	5		84	84	26°44'39.20"	88°09'48.21"	6.34	29.01.24	Misc	99
2020	North West Circle	Raiganj	STRIP	Kulik WL	Kulik	4no Bindol GP	4mt×4mt	7		85	85	25°46'85.3"	88°08'77.5"	8.78	04.02.24	Misc	95
2020	North West Circle	Raiganj	STRIP	Karandighi	Karandighi	Gardigawa vanda bari	4mt×4mt	10		12	12	25°58'17.10"	88°04'02.35"	1.20	20.01.24	Misc	42
2020	North West Circle	Raiganj	STRIP	Kulik WL	Kulik	3no Mohipur GP	4mt×4mt	3		87	87	25°46'29.1"	88°08'12.1"	2.36	04.02.24	Misc	95
2020	North West Circle	Malda	STRIP	Bhaluka Rd	Koriali	Chhatrak Manoharpur	4mt×4mt	20		42	42	25°27'42.13"	87°54'21.45"	10.73	08.01.24	Misc	64

2020	North West Circle	Malda	STRIP	Bhaluka Rd	Koriali	Lotashi	4mt×4mt	10		45	45	25°21'32.65"	87°55'51.54"	12.98	06.01.24	Misc	64
2020	North West Circle	Malda	STRIP	Bhaluka Rd	Koriali	Uttar kumed pur	4mt×4mt	20		19	19	25°24'42.47"	87°49'36.34"	10.90	07.01.24	Misc	23
2020	North West Circle	Siliguri Social Forestry	MGNREGS	Gairkata SF	Dhupguri	Paschim Khairkata	2mt×2mt	13		61	61	26°43'40.7"	88°53'25.5"	11.93	23.12.23	Misc	58
2020	North West Circle	Kurseong	MGNREGS	Ghoshpukur	Phansidewa	Nardeb jote MD Box	2mt×2mt	3		30	30	26°38'28.4"	88°23'23.7"	20.88	16.12.23	Misc	26
2020	North West Circle	Kurseong	MGNREGS	Ghoshpukur	Phansidewa	Bidhannagar-2/paschim madati	2mt×2mt	4		71	71	26°33'44.8"	88°16'13.9"	14.83	16.12.23	Misc	57
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	SKB	KB-2	2mt×2mt	14.36		49	49	26°38'19.39"	89°12'48.31"	26.71	02.02.24	Misc	35
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Jaldapara North	Hasimara	HM-2	2mt×2mt	2.5		10	10	26°44'18.79"	89°19'15.54"	17.74	22.01.24	Misc	18
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	NKB	KB-1	2mt×2mt	12.14		86	86	26°40'05.91"	89°14'18.17"	45.87	01.02.24	Misc	93
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	NKB	KB-1	2mt×2mt	7		88	88	26°40'29.52"	89°14'34.41"	2.78	28.01.24	Misc	99
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Jaldapara West	Moiradanga	Torsha-2	4mt×4mt	15		18	18	26°35'29.28"	89°15'558.83"	1.70	17.01.24	Misc	35
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Kodalbosti	NEC	BD-1b	2mt×2mt	9.5		91	91	26°41'06.41"	89°19'59.52"	4.06	27.01.24	Misc	100
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	SKB	KB-3	2mt×2mt	6.5		70	70	26°36'40.35"	89°12'28.26"	6.74	02.02.24	Misc	61
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Chilapata	Chilapata	CP-4	2mt×2mt	20		38	38	26°32'41.89"	89°21'22.95"	12.29	24.01.24	Misc	47
2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Jaldapara North	Hasimara	HM-2	2mt×2mt	13		69	69	26°44'00.55"	89°19'33.54"	2.09	22.01.24	Misc	72

2020	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Chilapata	Bania	BN-5	4mt×4mt	10		28	28	26°33'56.74"	89°24'39.10"	19.01	24.01.24	Misc	28
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Jaldapara HQ	JP-3	1mt x 1mt	11		60	60	26°39'18.13"	89°18'43.24"	6	05.01.24	Fodder	48
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Moiradanga	Torsha-2	1mt x 1mt	10		41	41	26°33'43.52"	89°15'27.41"	4	16.01.24	Fodder	35
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Hollong	JP-5	1mt x 1mt	10		39	39	26°38'22.31"	89°17'50.10"	6	13.01.24	Fodder	37
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	TEC	Torsha-1	1mt x 1mt	10		31	31	26°35'42.84"	89°16'52.61"	4	11.01.24	Fodder	33
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	TEC	Torsha-1	1mt x 1mt	20		0	0	26°37'01.29"	89°17'13.06"	0	30.01.24	Fodder	3
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Hollong	JP-5	1mt x 1mt	10		60	60	26°35'27.48"	89°17'52.77"	5	13.01.24	Fodder	51
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Moiradanga	Torsha-2	1mt x 1mt	5		68	68	26°34'48.66"	89°16'16.86"	6	16.01.24	Fodder	50
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Hollong	JP-5	1mt x 1mt	20		37	37	26°38'14.61"	89°17'39.16"	5	13.01.24	Fodder	40
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	Siltorsha	JP-1&2	1mt x 1mt	10		40	40	26°42'04.11"	89°18'49.08"	5	19.01.24	Fodder	41
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	Hasimara	Hasimara-3a	1mt x 1mt	10		61	61	26°42'11.09"	89°18'54.28"	5	21.01.24	Fodder	51
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	Hasimara	HM-3a	1mt x 1mt	10		80	80	26°42'30.37"	89°18'49.99"	5	02.01.24	Fodder	69
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Moiradanga	Torsha-2	1mt x 1mt	5		70	70	26°34'48.66"	89°16'16.86"	6	16.01.24	Fodder	67
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Jaldapara HQ	JP-3	1mt x 1mt	36		61	61	26°38'52.80"	89°18'26.82"	4	07.01.24	Fodder	44

2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Malongi	MLG-2&3	1mt x 1mt	48		27	27	26°37'34.56"	89°19'46.60"	4	03.01.24	Fodder	25
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Sisamara	CP-2	1mt x 1mt	8		28	28	26°36'29.67"	89°20'09.27"	6	02.01.24	Fodder	31
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Kunjonagar	Torsha-2	1mt x 1mt	10		47	47	26°35'17.88"	89°16'23.82"	4	16.01.24	Fodder	37
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Sisamara	CP-1	1mt x 1mt	22		9	9	26°36'15.19"	89°20'15.12"	5	02.01.24	Fodder	30
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	50ft	JP-4	1mt x 1mt	5		45	45	26°40'24.73"	89°18'25.45"	6	20.01.24	Fodder	38
2020	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	50ft	JP-4	1mt x 1mt	10		40	40	26°39'43.10"	89°18'09.40"	5	20.01.24	Fodder	36
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Garumara- 2	1mt x 1mt	6		56	56	26°46'20.13"	88°51'03.20"	10	7/12/2023	WL/H/Zone	53
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Jaldhaka-1B	1mt x 1mt	10		68	68	26°46'54.72"	88°52'06.77"	10	8/12/2023	WL/H/Zone	55
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Jaldhaka-1B	1mt x 1mt	9		71	71	26°46'36.19"	88°51'25.64"	11	7/12/2023	WL/H/Zone	80
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Jaldhaka-1B	1mt x 1mt	5		66	66	26°47'08.22"	88°51'25.29"	10	7/12/2023	WL/H/Zone	55
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Budhram	Ramsai Ext.	1mt x 1mt	9.5		75	75	26°44'26.64"	88°51'10.70"	11	5/12/2023	WL/H/Zone	86
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Budhram	Ramsai Ext.	1mt x 1mt	5.5		72	72	26°44'45.04"	88°51'12.85"	11	5/12/2023	WL/H/Zone	86
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Dhupjhora	Tandu- 4	1mt x 1mt	30		65	65	26°47'41.18"	88°52'23.10"	11	17.12.23	WL/H/Zone	60
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara South	Dhupjhora	South Indong	1mt x 1mt	10		69	69	26°47'33.06"	88°49'54.01"	11	16.12.23	WL/H/Zone	60

2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara North	Khunia	Tandu- 3	1mt x 1mt	8		56	56	26°48'59.91"	88°52'41.26"	10	8/12/2023	WL/H/Zone	61
2020	Wildlife North Circle	Gorumara Wild Life	Grass Fodder	Gorumara North	Khunia	Tandu- 3	1mt x 1mt	22		74	74	26°47'52.60"	88°52'23.04"	11	9/12/2023	WL/H/Zone	86
2020	BTR Circle	BTR East	Grass Fodder	South Rydak	Chipra	Chipra-7	1mt x 1mt	10		10	10	26°32'49.7"	89°44'40.1"	4	03.12.23	Fodder	14
2020	BTR Circle	BTR East	Eco Misc	North Rydak	Kartika	Kartika RF	2mtx2mt	13		63	63	26°64'27.28"	89°72'58.17"	17.08	05.12.23	Misc	59
2020	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Rydak Catchmant	Naratholi	Naratholi	2mtx2mt	15		64	64	26°59'93.21"	89°71'67.18"	2.08	22.12.23	Misc	69
2020	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Rydak Catchmant	Naratholi	Marakata	2mtx2mt	18		61	61	26°49'46.11"	89°70'84.97"	4.19	23.12.23	Misc	67
2020	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Monsai Catchmant	Sonapur SC	Puttimari Buxir Box	2mtx2mt	10		44	44	26°29'03.60"	89°18'43.58"	62.83	03.02.24	Misc	23
2020	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Daina Catchment	Gairkata SC	South Daina	2mtx2mt	20		8	8	26°43'52.45"	88°53'35.60"	13.53	06.12.23	Misc	25
2020	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	Ramam Catchmant	Rimbick	Ramam-6	2.5m×2.5m	5		72	72	27°07'59.2"	88°02'58.5"	30.34	08.12.23	Misc	72
2020	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	WBC	Sukhiapokhari	Lepchajagat-4	2.5m×2.5m	10		75	75	27°01'24.4"	88°12'01.9"	13.56	07.12.23	Misc	73

**Division - Darjeeling Forest
Year - 5th Year (2018)**

Year	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 5th Yr			GPS Reading		C.V	CV (CG)	Date of Survey	W.C.	Final Score
									Sal	Misc	Over All	Latitude	Longitude					
2018	Hill Circle	Darjeeling	Eco Misc	Darjeeling	Chattaidhora	Durbin-2	2.5mt x 2.5mt	5		81	81	27°01'037"	88°21'355"	19.18	13.394707	26.12.23	Misc	95
2018	Hill Circle	Kalimpong	Eco Misc	Chel	Fagu	Fagu-4	2.5mt x 2.5mt	10		68	68	26°57'25.3"	88°40'19.3"	7.51	3.4990925	18.01.24	Misc	81
2018	Hill Circle	Kalimpong	Eco Misc	Lish Catchmant	Yangmakum	Lish-13	2.5mt x 2.5mt	10		62	62	26°55'55.0"	88°33'22.1"	3.64	6.2782105	16.01.24	Misc	71
2018	Hill Circle	Kalimpong	Eco Misc	Ghish Catchmant	Lava	Lava-4	2.5mt x 2.5mt	4		63	63	27°04'471"	88°39'043"	8.08	6.9631062	19.12.23	Misc	71
2018	Hill Circle	Kalimpong	Eco Misc	Kalimpong	Kamshi	Kamshi-7	2.5mt x 2.5mt	4.6		70	70	27°01'53.2"	88°27'55.1"	7.91	5.4433105	15.01.24	Misc	84
2018	Hill Circle	Kalimpong	Eco Misc	Relli Catchmant	Algarah	Damsang-2	2.5mt x 2.5mt	4.6		71	71	27°09'003"	88°40'321"	12.79	5.8321184	16.01.24	Misc	84
2018	Hill Circle	Kalimpong	Eco Misc	Pankhasari	Algarah	Panigoan-1	2.5mt x 2.5mt	6		61	61	27°07'99.8"	88°34'59.1"	7.63	3.1746032	16.01.24	Misc	71
2018	Hill Circle	Kalimpong	Eco Misc	Lish Catchmant	Yangmakum	Lish-14	2.5mt x 2.5mt	4		71	71	26°55'11.1"	88°31'53.8"	10.84	8.3289964	16.01.24	Misc	84
2018	Hill Circle	Kalimpong	Eco Misc	Neora	Samsing	Eastnar-13	2.5mt x 2.5mt	2		61	61	27°00'50.2"	88°47'21.3"	6.77	3.7248404	18.01.24	Misc	74
2018	Hill Circle	Kurseong	Eco Sal	Tukriajhar	Tukriajhar	Tukriajhar	2mt x 2mt	6.12	60	51	56	26°49'50.3"	88°16'34.6"	18.88	32.168334	21.12.23	Sal	65
2018	Hill Circle	Kurseong	Eco Sal	Tukriajhar	Tukriajhar	Tukriajhar	2mt x 2mt	5.7	51	48	50	26°59'53.7"	88°16'34.3"	17.97	29.322982	21.12.23	Sal	64
2018	Hill Circle	Kurseong	Eco Sal	Bamonpokhari	Bamonpokhari	Bunkulung	2mt x 2mt	2	45	12	32	26°53'12.0"	88°11'58.0"	20.47	26.678947	13.12.23	Sal	61
2018	Hill Circle	Kurseong	Eco Sal	Tukriajhar	Tukriajhar	Tukriajhar	2mt x 2mt	1.18	60	45	53	26°39'05.1"	88°11'04.0"	23.15	30.391799	21.12.23	Sal	67
2018	Northern Circle	Baikunthapur	Eco Sal	Apalchand	Kathambari	Phuljhora-3	2mt x 2mt	8	32	45	39	26°45'43.66"	88°38'24.01"	5.22	15.713484	18.12.23	Sal	77
2018	Northern Circle	Baikunthapur	Eco Sal	Tharghera	Tharghera	Sealdoba-3	2mt x 2mt	5.68	0	69	35	26°47'56.2"	88°37'82.2"	74.70	77.176051	22.12.23	Sal	33
2018	Northern Circle	Baikunthapur	Eco Sal	Tharghera	Mechbasti	HSK-4	2mt x 2mt	2	0	35	18	26°47'58.1"	88°40'16.6"	70.49	73.782023	22.12.23	Sal	27
2018	Northern Circle	Baikunthapur	Eco Sal	Tharghera	Gazoldoba	Odlabari-2	2mt x 2mt	11.15	4	70	37	26°48'42.1"	88°36'05.5"	29.22	38.523617	22.12.23	Sal	69
2018	Northern Circle	Baikunthapur	Eco Misc	Apalchand	Kathambari	AP-4	2mt x 2mt	5		65	65	26°45'04.24"	88°38'15.47"	14.36	14.113297	19.12.23	Misc	65
2018	Northern Circle	Baikunthapur	Eco Misc	Apalchand	Phuljhora	Phuljhora-5	2mt x 2mt	5.08		62	62	26°46'33.02"	88°39'47.87"	16.89	18.374202	19.12.23	Misc	63

2018	Northern Circle	Baikunthapur	Eco Misc	Tharghera	Mechbasti	HSK-3	2mt x 2mt	5.66		61	61	26°47'19.9"	88°38'10.6"	27.05	32.444284	22.12.23	Misc	59
2018	Northern Circle	Baikunthapur	Eco Misc	Tharghera	Mechbasti	Chel-1A	2mt x 2mt	3.2		43	43	26°47'41.4"	88°40'41.3"	27.23	33.333333	21.12.23	Misc	39
2018	Northern Circle	Baikunthapur	Eco Misc	Tharghera	Tharghera	Odlabari-4	2mt x 2mt	6.67		65	65	26°49'11.9"	88°37'07.8"	5.82	7.3040912	21.12.23	Misc	68
2018	Northern Circle	Coochbehar	STRIP	Coochbehar-2	Coochbehar-2	Saheberhat to Vetaguri	4mt x 4mt	5		39	39	26°13'17.07'	89°24'56.08'	10.26	3.579167	05.02.24	Misc	59
2018	Northern Circle	Coochbehar	STRIP	Coochbehar-1	Nagur Hat	Rasikbill	4mt x 4mt	5		0	0	26°24'53.02'	89°43'48.66'	-	-	06.02.24	Misc	0
2018	Northern Circle	Coochbehar	STRIP	Makliganj	Makliganj	72 Nijtaraf	4mt x 4mt	5		75	75	26°17'55.20'	88°54'43.31'	17.80	39.94621	19.02.24	Misc	75
2018	Northern Circle	Coochbehar	Eco Misc	Sitolkuchi	Sitolkuchi	Sarbeswar jaidura	2mt x 2mt	10		45	45	26°10'41.34'	89°17'37.27'	0.83	5.439283	20.02.24	Misc	51
2018	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Atiamochar	Madubhasa	2mt x 2mt	6.81		14	14	26°26'52.4"	89°46'17.30'	21.26	15.55889	22.02.24	Misc	31
2018	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Atiamochar	Paglirkuthi	2mt x 2mt	3.69		92	92	26°26'24.55'	89°44'27.12'	23.38	32.48426	23.02.24	Misc	91
2018	Northern Circle	Coochbehar	Eco Misc	Pundibari	Patlakhawa	Singimari Pachanirpar	2mt x 2mt	14		80	80	26°28'46.99'	89°20'27.48'	38.13	15.73126	30.01.24	Misc	87
2018	Northern Circle	Coochbehar	Eco Misc	Sitolkuchi	Sitolkuchi	Sarbeswar jaidura	2mt x 2mt	10		2	2	26°10'20.6"	89°17'40.6"	2.20	9.026895	20.02.24	Misc	41
2018	Northern Circle	Coochbehar	Eco Misc	Mathabhajna	Mathabhajna	Chakiar chhara	2mt x 2mt	10		41	41	26°17'23.37'	89°15'43.00'	32.66	31.57895	22.02.24	Misc	40
2018	Northern Circle	Coochbehar	Eco Misc	Mathabhajna	Jamalda	165 Uchhalpukhri	2mt x 2mt	10		62	62	26°27'52.28'	88°59'08.60'	23.79	4.444444	21.02.24	Misc	70
2018	Northern Circle	Coochbehar	Eco Misc	Pundibari	Pundibari HQ	Chat Singmari	2mt x 2mt	6		90	90	26°28'57.63'	89°20'30.89'	26.27	20.87994	30.01.24	Misc	90
2018	Northern Circle	Coochbehar	Eco Misc	Mathabhajna	Mathabhajna	Baroibari	2mt x 2mt	5		73	73	26°20'17.67'	89°14'37.30'	19.53	19.86756	22.01.24	Misc	79
2018	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Atiamochar	Atiamochar	2mt x 2mt	4		95	95	26°26'24.53'	89°44'24.48'	15.11	8.680222	23.02.24	Misc	100
2018	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Atiamochar	Atiamochar	2mt x 2mt	2		92	92	26°26'16.11'	89°43'50.01'	6.84	33.68135	23.02.24	Misc	95
2018	Northern Circle	Coochbehar	Eco Misc	Coochbehar-1	Nagur Hat	Rasikbill	2mt x 2mt	3.5		72	72	26°24'56.90'	89°43'49.00'	8.76	20.10985	06.02.24	Misc	76

2018	Northern Circle	Coochbehar	Eco Misc	Makliganj	Makliganj	Teesta Nadir Paisty	2mt x 2mt	4		76	76	26°18'34.22'	88°54'26.38'	15.55	26.49065	19.02.24	Misc	93
2018	Northern Circle	Coochbehar	Eco Misc	Makliganj	Makliganj	Teesta Nadir Paisty	2mt x 2mt	11		70	70	26°18'23.7"	88°54'31.42'	17.93	24.01461	19.02.24	Misc	77
2018	Northern Circle	Jalpaiuri	Eco Misc	Daina	Daina Toll gate	North Daina	2mt x 2mt	10		18	18	26°52'09.46"	89°00'09.62"	28.68	26.615457	30.11.23	RWC	31
2018	Northern Circle	Jalpaiuri	Eco Misc	Chalsa	Khariarbandar	KHB-2	2mt x 2mt	5		34	34	26°51'04.29"	88°47'51.30"	13.29	4.8477322	23.12.23	BDWC	46
2018	Northern Circle	Jalpaiuri	Eco Misc	Chalsa	Shipchu	Chapramari-1	2mt x 2mt	10		38	38	26°54'58.38"	88°50'14.63"	17.70	6.2975339	23.12.23	MIWC	42
2018	Northern Circle	Jalpaiuri	Eco Sal	Moraghat	Totapara	CMG-2	2mt x 2mt	7	2	38	20	26°46'06.35"	88°58'36.90"	29.36	30.458732	30.11.23	SWC	47
2018	Northern Circle	Jalpaiuri	Eco Sal	Moraghat	Gosai hat	SMG-4	2mt x 2mt	5.55	4	37	21	26°41'30.6"	88°58'21.8"	30.61	30.599296	21.12.23	Sal	34
2018	Northern Circle	Jalpaiuri	Eco Sal	Moraghat	Khuntimari	CMG-12	2mt x 2mt	7.45	5	36	21	26°43'07.43"	88°00'38.6"	44.99	33.890953	21.12.23	Sal	37
2018	North West Circle	Kurseong	Eco Misc	Ghoshpukur	Bidhannagar	Budharugaon	2mt x 2mt	5		58	58	26°29'13.0"	88°15'47.0"	16.82	29.457912	02.12.23	Sal	54
2018	North West Circle	Kurseong	STRIP	Ghoshpukur	Bidhannagar	Bhuriakhali	4mt x 4mt	3		23	23	26°27'35.5"	88°14'47.8"	17.04	29.439203	01.12.23	NA	24
2018	North West Circle	Kurseong	STRIP	Ghoshpukur	Bidhannagar	Chikonmati	4mt x 4mt	5		19	19	26°29'09.5"	88°17'02.1"	17.09	11.177014	02.12.23	NA	26
2018	North West Circle	Kurseong	STRIP	Ghoshpukur	Khoribari	PWD More to SSB BP Rd	4mt x 4mt	5		10	10	26°34'04.7"	88°10'10.4"	14.39	14.11184	02.12.23	NA	31
2018	North West Circle	Kurseong	STRIP	Ghoshpukur	Bidhannagar	Changa	4mt x 4mt	3		11	11	26°30'44.1"	88°11'56.0"	18.54	18.41423	01.12.23	NA	26
2018	North West Circle	Kurseong	STRIP	Ghoshpukur	Bidhannagar	Bidhannagar to Kantivita	4mt x 4mt	14		25	25	26°29'27.0"	88°15'57.2"	19.42	14.244971	01.12.23	NA	36
2018	North West Circle	Siliguri Social Forestry	Eco Misc	Central SF	Shikarpur	Chiarykhari	2mt x 2mt	10		51	51	26°36'45.70"	88°29'44.72"	9.84	13.603305	05.12.23	Misc	57
2018	North West Circle	Siliguri Social Forestry	Eco Misc	ETSF	Naxalbari	Moniram	2mt x 2mt	5		45	45	26°41'24.2"	88°10'23.6"	29.01	32.674664	03.12.23	Misc	39

2018	North West Circle	Siliguri Social Forestry	STRIP	Malbazer SF	Malbazer	West Damdim/Chel River	4mt x 4mt	15		45	45	26°50'17.5"	88°38'24.7"	12.42	15.809264	04.12.23	Misc	50
2018	North West Circle	Siliguri Social Forestry	STRIP	Gairkata SF	Gairkata SF	Haldibari holicross School to Moraghat Rd	4mt x 4mt	10		38	38	26°45'17.7"	88°02'16.9"	16.50	5.6074766	23.12.23	Misc	47
2018	North West Circle	Siliguri Social Forestry	STRIP	ETSF	Naxalbari	Chota Moniram	4mt x 4mt	10		0	0	26°41'20.9"	88°10'17.2"	-	-	03.12.23	Misc	0
2018	North West Circle	Siliguri Social Forestry	STRIP	Malbazer SF	Malbazer	Odlabari Chel River Bed	4mt x 4mt	10		0	0	26°50'48.4"	88°37'59.5"	-	-	04.12.23	Misc	0
2018	North West Circle	Siliguri Social Forestry	STRIP	Malbazer SF	Malbazer	Dakhin damdim Chel colony	4mt x 4mt	5		0	0	26°51'15.8"	88°38'03.8"	-	-	04.12.23	Misc	0
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Barovisha	Kamakhaguri	Uttar Naratholi	4mt x 4mt	15		17	17	26°32'37.4"	89°47'32.4"	2.95	4.5298051	26.12.23	Misc	32
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Alipurduar SF	Alipurduar SF	Baradabri	4mt x 4mt	8		0	0	26°33'31.7"	89°38'48.1"	#DIV/0!	#DIV/0!	27.12.23	Misc	3
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Alipurduar SF	Alipurduar SF	Sambolpur & Baniadabri	4mt x 4mt	17		6	6	26°34'40.3"	89°40'19.1"	0.83	2.4810764	27.12.23	Misc	34
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Falakata SF	Falakata SF	Karaibari	4mt x 4mt	11		74	74	26°40'08.94"	89°10'22.93"	0.18	10.475656	07.02.24	Misc	79
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Nilpara SF	Nilpara SF	Satali	4mt x 4mt	9		60	60	26°39'41.03"	89°24'20.22"	6.63	2.1052632	07.02.24	Misc	70
2018	North West Circle	Jalpaiguri Social Forestry	STRIP	Maynaguri SF	Boulbari SF	Ramsai	4mt x 4mt	20		64	64	26°42'07.00"	88°52'46.15"	12.49	8.4490283	15.12.23	Misc	81
2018	North West Circle	Malda	Eco Misc	Malda	Malda HQ	Halna	2mt x 2mt	5		60	60	25°03'32057"	88°12'25.69"	7.16	3.1746032	02.01.24	Misc	74
2018	North West Circle	Malda	Eco Misc	Gazole	Jamalpur	Patharbanpur	2mt x 2mt	15		0	0	25°08'42.12"	88°17'45.10"	-	-	03.01.24	Misc	0

2018	North West Circle	Malda	STRIP	Gazole	Singabad	Kadipur	4mt x 4mt	5		74	74	24°58'44.38"	88°20'28.75"	8.36	1.832858	06.01.24	Misc	97
2018	North West Circle	Malda	STRIP	Gazole	Korchadanga	Polasdanga	4mt x 4mt	10		73	73	25°11'24.3"	88°15'54.4"	2.35	1.5748031	05.01.24	Misc	97
2018	North West Circle	Malda	STRIP	Gazole	Korchadanga	Bahutor	4mt x 4mt	10		71	71	25°09'24.98"	88°15'48.70"	12.42	1.5748031	05.01.24	Misc	97
2018	North West Circle	Malda	STRIP	Gazole	Jamalpur	Jamalpur	4mt x 4mt	8		75	75	25°05'30.35"	88°19'50.84"	3.18	1.5748031	04.01.24	Misc	97
2018	North West Circle	Malda	STRIP	Gazole	Jamalpur	Banchahar	4mt x 4mt	17		75	75	25°02'39.67"	88°15'24.52"	1.79	9.0267093	04.01.24	Misc	97
2018	North West Circle	Raiganj	Eco Misc	Kushmundi	Ayera	Kakiar sarai hat	2mt x 2mt	8		78	78	25°32'01.38"	88°31'02.06"	16.00	1.6	20.01.24	Misc	96
2018	North West Circle	Raiganj	Eco Misc	Kushmundi	Ayera	Purbobasil	2mt x 2mt	12		82	82	25°34'33.68"	88°29'34.67"	10.28	3.0637667	20.01.24	Misc	100
2018	North West Circle	Raiganj	STRIP	Balurghat	Tapan	Jidra Cannel	4mt x 4mt	10		85	85	25°15'35.02"	88°36'21.84"	0.95	1.832858	11.01.24	Misc	92
2018	North West Circle	Raiganj	STRIP	Balurghat	Tapan	Jidra Cannel Bank	4mt x 4mt	4		79	79	25°15'58.3"	88°36'37.9"	1.90	2.3183829	11.01.24	Misc	92
2018	North West Circle	Raiganj	STRIP	Balurghat	Tapan	Soskorhat to Arjunpur Rd side	4mt x 4mt	6		80	80	25°12'17.73"	88°34'30.62"	8.46	1.5748031	11.01.24	Misc	94
2018	North West Circle	Raiganj	STRIP	Balurghat	Tapan	Monipur to Sriboi csnnel side	4mt x 4mt	10		80	80	25°14'35.75"	88°40'35.24"	11.26	4.0920512	12.01.24	Misc	97
2018	North West Circle	Raiganj	STRIP	Balurghat	Tapan	Sultanipur	4mt x 4mt	10		86	86	25°14'17.74"	88°41'05.36"	15.60	1.8232114	12.01.24	Misc	88
2018	North West Circle	Raiganj	STRIP	Balurghat	Kumarganj	Baram to Samjhia	4mt x 4mt	15		79	79	25°21'18.91"	88°45'25.80"	13.73	1.832858	15.01.24	Misc	97
2018	North West Circle	Raiganj	STRIP	Balurghat	Balurghat	Modonganj River bank	4mt x 4mt	10		82	82	25°17'29.1"	88°45'50.6"	17.06	1.5748031	16.01.24	Misc	88

2018	North West Circle	Raiganj	STRIP	Balurghat	Balurghat	Gayesh pur cannel rd to Jamalpur rd	4mt x 4mt	10		80	80	25°14'12.96"	88°56'26.41"	0.85	2.2447834	16.01.24	Misc	92
2018	North West Circle	Raiganj	STRIP	Balurghat	Balurghat	Jhinai pota ghugudanga	4mt x 4mt	5		76	76	25°13'23.26"	88°51'14.20"	9.16	1.832858	16.01.24	Misc	97
2018	North West Circle	Raiganj	STRIP	Chopra	Goalpokhar	Goty to Lalkhuri	4mt x 4mt	10		69	69	26°02'23.8"	88°03'56.9"	7.87	1.5748031	24.01.24	Misc	76
2018	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Hemtabad thana mor to baman gram	4mt x 4mt	5		70	70	25°38'30.1"	88°12'39.3"	9.87	1.8426072	28.01.24	Misc	81
2018	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Bangal bari mor	4mt x 4mt	5		58	58	25°40'18.0"	88°13'40.0"	1.95	1.832858	28.01.24	Misc	79
2018	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Jomadar para to malan	4mt x 4mt	5		70	70	25°44'32.9"	88°18'14.6"	9.06	1.8232114	28.01.24	Misc	77
2018	North West Circle	Raiganj	STRIP	Chopra	Goalpokhar	Dawapara rd to Teesta cannel	4mt x 4mt	10		70	70	26°08'36.45"	88°04'31.57"	10.43	1.832858	24.01.24	Misc	76
2018	North West Circle	Raiganj	STRIP	Karandighi	Karandighi	Rosakhawa Nazipur	4mt x 4mt	10		80	80	25°46'23.08"	87°58'50.43"	20.80	3.2258065	20.01.24	Misc	93
2018	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Kushmundi to jhamagach	4mt x 4mt	10		77	77	25°31'37.71"	88°21'13.28"	3.20	1.5748031	19.01.24	Misc	100
2018	North West Circle	Raiganj	STRIP	Kushmundi	Fulbari	Pransagar uttar bridge to dargha dighi	4mt x 4mt	20		81	81	25°27'25.51"	88°36'35.95"	5.71	1.6	25.01.24	Misc	100
2018	North West Circle	Raiganj	STRIP	Kushmundi	Ayera	Horirampur to Jamagach rd	4mt x 4mt	10		76	76	25°29'25.7"	88°16'16.4"	7.86	1.6	19.01.24	Misc	100
2018	North West Circle	Raiganj	STRIP	Raiganj	Hemtabad	Samaspur hat to bhatto	4mt x 4mt	10		67	67	25°41'26.20"	88°16'13.9"	1.27	1.5748031	28.01.24	Misc	73

2018	North West Circle	Raiganj	STRIP	Raiganj	Kaliaganj	Tangan river bank & Rd side	4mt x 4mt	10		50	50	25°38'51.2"	88°26'17.4"	4.48	3.1746032	31.01.24	Misc	69
2018	North West Circle	Raiganj	STRIP	Raiganj	Kaliaganj	Dhankoil to Radhikapur	4mt x 4mt	10		71	71	25°38'29.8"	88°22'19.2"	9.44	1.5748031	30.01.24	Misc	95
2018	North West Circle	Raiganj	STRIP	Raiganj	Itahar	Patol to santipur	4mt x 4mt	10		55	55	25°22'27.56"	88°15'30.03"	2.10	2.2447834	03.02.24	Misc	71
2018	North West Circle	Raiganj	STRIP	Raiganj	Itahar	Patiraj to patol	4mt x 4mt	10		65	65	25°28'37.45"	88°15'40.21"	4.13	1.5748031	03.02.24	Misc	81
2018	North West Circle	Raiganj	STRIP	Raiganj	Itahar	Indran to Gulandar	4mt x 4mt	10		79	79	25°31'42.91"	88°06'44.12"	2.28	4.2327687	02.02.24	Misc	95
2018	North West Circle	Raiganj	STRIP	Raiganj	Raiganj	Rupahar to Indran	4mt x 4mt	10		71	71	25°31'15.4"	88°06'20.4"	4.01	1.832858	01.02.24	Misc	90
2018	North West Circle	Raiganj	STRIP	Raiganj	Raiganj	Bhatol to Bahilata	4mt x 4mt	5		78	78	25°48'16.11"	88°05'55.42"	2.87	3.1746032	31.01.24	Misc	92
2018	North West Circle	Raiganj	STRIP	Raiganj	Raiganj	Nagar to Bahutol	4mt x 4mt	10		76	76	25°43'09.56"	88°03'04.68"	2.33	3.0637667	31.01.24	Misc	88
2018	Wildlife North Circle	Jaldapara Wildlife	STRIP	Jaldapara East	Jaldapara HQ	MLG-2	4mt x 4mt	5		51	51	26°37'40.1"	89°18'30.4"	20.81	15.384615	10.01.24	NA	55
2018	Wildlife North Circle	Jaldapara Wildlife	STRIP	Jaldapara West	Hollong	Torsa-1	4mt x 4mt	5		0	0	26°38'14.13"	89°16'52.05"	#DIV/0!	#DIV/0!	10.01.24	NA	0
2018	Wildlife North Circle	Jaldapara Wildlife	STRIP	Jaldapara South	Salkumar	SK-3	4mt x 4mt	5		47	47	26°32'53.08"	88°18'44.10"	0.37	40.406102	30.01.24	NA	53
2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Kodalbasti	Mantharam	BD-4	2mt x 2mt	10		66	66	26°39'18.99"	89°22'12.85"	13.69	9.6225045	27.01.24	Misc	79
2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Chilapata	Mendabari	MB-1	2mt x 2mt	10		90	90	26°38'14.17"	89°23'49.20"	24.91	24.414718	24.01.24	Misc	90
2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Chilapata	Bania	BN-5	2mt x 2mt	10		72	72	26°33'32.95"	89°24'12.85"	35.43	13.662107	25.01.24	Misc	69

2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	SKB	KB-2	2mt x 2mt	26		53	53	26°37'39.0"	89°14'18.0"	8.32	14.782502	29.01.24	Misc	60
2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Madarihat	North Khairbari	KB-2	2mt x 2mt	11.42		86	86	26°39'22.21"	89°13'48.28"	19.65	32.825128	28.01.24	Misc	91
2018	Wildlife North Circle	Jaldapara Wildlife	Eco Misc	Kodalbasti	MEC	BD-1b	2mt x 2mt	14		78	78	26°41'41.54"	89°19'41.46"	4.77	26.173446	27.01.24	Misc	93
2018	Wildlife North	Gorumara Wildlife	Eco Misc	Gorumara North	Murti	Bhagolmardi-1	2.5m x 2.5m	10		46	46	26°49'28.90"	88°49'56.45"	15.92	9.62155	22.12.23	WL/H/Zone	49
2018	Wildlife North	Gorumara Wildlife	Eco Misc	Gorumara North	Chapramari	Chapramari-2	2.5m x 2.5m	10		38	38	26°54'18.44"	88°49'35.05"	13.03	6.0606061	22.12.23	WL/H/Zone	33
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Jaldapara HQ	JP-3	1mt x 1mt	13		33	33	26°38'50.01"	89°13'48.42"	5	-	05.01.24	Fodder	24
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Sissamara	SSM-1&2	1mt x 1mt	10		40	40	26°36'15.18"	89°20'16.11"	4	-	09.01.24	Fodder	27
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Jaldapara HQ	MLG-1	1mt x 1mt	12		54	54	26°38'40.78"	89°12'02.25"	5	-	08.01.24	Fodder	42
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Malangi	MLG-3	1mt x 1mt	15		33	33	26°38'06.90"	89°19'37.31"	4	-	31.01.24	Fodder	21
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Malangi	MLG-2	1mt x 1mt	20		42	42	26°38'06.66"	89°19'36.94"	4	-	08.01.24	Fodder	24
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Bangdaki	Torsha-2	1mt x 1mt	10		62	62	26°34'12.42"	89°16'19.33"	6	-	18.01.24	Fodder	44
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	TEC	Torsha-2	1mt x 1mt	10		43	43	26°36'03.94"	89°16'54.88"	7	-	30.01.24	Fodder	29
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	TEC	Torsha-1	1mt x 1mt	10		53	53	26°36'14.66"	89°16'51.41"	5	-	11.01.24	Fodder	41
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Hollong	Torsha-1	1mt x 1mt	15		69	69	26°37'34.29"	89°18'02.22"	8	-	15.01.24	Fodder	44
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara West	Kunjonagar	Torsha-2	1mt x 1mt	15		30	30	26°34'07.41"	89°15'48.21"	8	-	18.01.24	Fodder	38

2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	Siltorsha	JP-1	1mt x 1mt	10		53	53	26°40'24.8"	89°18'25.11"	4	-	19.01.24	Fodder	37
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	50ft	JP-4	1mt x 1mt	10		43	43	26°40'02.17"	89°18'18.30"	4	-	21.01.24	Fodder	32
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	50ft	JP-5	1mt x 1mt	10		47	47	26°39'23.55"	89°18'22.01"	4	-	14.01.24	Fodder	28
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Sissamara	CP-3b	1mt x 1mt	15		22	22	26°33'40.00"	89°20'47.39"	5	-	06.01.24	Fodder	21
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara North	50ft	JP-4&5	1mt x 1mt	10		32	32	26°40'02.18"	89°18'18.41"	6	-	20.01.24	Fodder	32
2018	Wildlife North Circle	Jaldapara Wildlife	Grass Fodder	Jaldapara East	Sissamara	CP-3b	1mt x 1mt	15		25	25	26°33'43.22"	89°20'55.62"	4	-	10.01.24	Fodder	18
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Jaldhaka-1B	1mt x 1mt	20		65	65	26°45'40.03"	88°51'09.15"	11	-	11.12.23	WL/H/Zone	62
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Gorumara	Jaldhaka-1B	1mt x 1mt	20		61	61	26°47'01.44"	88°51'26.28"	11	-	12.12.23	WL/H/Zone	60
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Dhupjhora	Dhupjhora-1B	1mt x 1mt	10		67	67	26°48'04.28"	88°49'54.22"	11	-	21.12.23	WL/H/Zone	63
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Dhupjhora	Dhupjhora-1B	1mt x 1mt	20		62	62	26°47'38.33"	88°50'45.63"	11	-	20.12.23	WL/H/Zone	63
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara North	Khunia	Tandu 1&2	1mt x 1mt	10		63	63	26°49'28.42"	88°52'54.22"	10	-	14.12.23	WL/H/Zone	59
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara North	Khunia	Tandu 1&2	1mt x 1mt	10		65	65	26°49'25.38"	88°52'40.89"	11	-	14.12.23	WL/H/Zone	63
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Budhram	Ramsai Ext.	1mt x 1mt	5		70	70	26°45'11.71"	88°50'57.35"	11	-	02.12.23	WL/H/Zone	69
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Budhram	Ramsai Ext.	1mt x 1mt	12		65	65	26°45'00.78"	88°50'58.32"	11	-	02.12.23	WL/H/Zone	49
2018	Wildlife North	Gorumara Wild Life	Grass Fodder	Gorumara South	Budhram	Medla-3	1mt x 1mt	8		28	28	26°44'58.52"	88°50'48.06"	11	-	03.12.23	WL/H/Zone	46
2018	BTR Circle	BTR East	Eco Misc	North Rydak	Kartika	USF	2mt x 2mt	10		70	70	26°62'88.41"	89°73'72.42"	20.70	12.433251	07.12.23	Misc	71
2018	BTR Circle	BTR East	Eco Misc	Volka	Changmari	NBH-2	2mt x 2mt	30		57	57	26°59'60.26"	89°86'32.88"	19.32	12.830006	04.12.23	Misc	61
2018	BTR Circle	BTR East	Eco Misc	North Rydak	Kartika	USF /Turturi	2mt x 2mt	15		68	68	26°62'88.41"	89°73'72.42"	3.94	11.305914	06.12.23	Misc	75

2018	BTR Circle	BTR East	Eco Misc	South Rydak	South Rydak	SRD-2/USF	2mt x 2mt	7.5		74	74	26°59'95.54"	89°74'22.71"	5.23	4.2766687	01.12.23	Misc	79
2018	BTR Circle	BTR East	Eco Misc	South Rydak	South Rydak	Dhawla-1	2mt x 2mt	7.5		62	62	26°56'44.31"	89°71'45.13"	20.41	5.6568542	01.12.23	Misc	65
2018	BTR Circle	BTR West	Eco Misc	West Damanpur	East Poro	Poro-5	2mt x 2mt	15		58	58	26°35'38.5"	89°28'30.7"	18.84	11.775681	08.12.23	Misc	56
2018	BTR Circle	BTR West	Eco Misc	Pana	Pana	Pana-3	2mt x 2mt	10		46	46	26°76'65.2"	89°46'61.02"	21.36	3.3891225	13.12.23	Misc	55
2018	BTR Circle	BTR West	Eco Misc	Hamiltonganj	Bharnabari	BNB-1b	2mt x 2mt	10		25	25	26°47'29.13"	89°23'0.7"	22.65	14.233085	18.12.23	Misc	39
2018	BTR Circle	BTR West	Eco Misc	West Damanpur	West Gorom	Poro-3	2mt x 2mt	10		53	53	26°36'09.7"	89°28'42.6"	20.68	9.7162292	10.12.23	Misc	47
2018	BTR Circle	BTR West	Eco Misc	Nimati	West Nimati	Nimati-1b	2mt x 2mt	20		69	69	26°63'98.8"	89°45'42.3"	16.47	9.8316099	20.12.23	Misc	70
2018	BTR Circle	BTR West	Eco Misc	East Damanpur	Damanpur	DPO-8	2mt x 2mt	10		67	67	26°33'0.98"	89°32'42.8"	17.17	3.3891225	13.12.23	Misc	70
2018	BTR Circle	BTR West	Grass Fodder	WRVK	Dima	Dima-2	1mt x 1mt	40		0	0	26°65'73.67"	89°55'81.69"	0	-	11.12.23	Fodder	10
2018	BTR Circle	BTR East	Grass Fodder	South Rydak	Chipra	Chipra-7	1mt x 1mt	40		0	0	26°32'59.2"	89°45'44.59"	0	-	02.12.23	Fodder	10
2018	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	WBC	Mirik	Bankulung/Simbuli	2.5m x 2.5m	10		53	53	26°50'57.7"	88°13'49.4"	13.44	10.28689	07.12.23	Misc	58
2018	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	UMC	Deorali SC	U.Babukhola	2.5m x 2.5m	18.5		61	61	26°55'23.9"	88°18'18.1"	14.51	7.4226962	06.12.23	Misc	68
2018	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	UTC	Kalijhora	Numbong	2.5m x 2.5m	10.5		69	69	26°54'53.0"	88°23'49.0"	12.35	15.925754	24.02.24	Misc	80
2018	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	UMC	Deorali SC	M-5	2.5m x 2.5m	6		59	59	26°55'24.2"	88°18'44.1"	20.26	15.180668	26.12.23	Misc	63
2018	Soil Conservation Circle	Kurseong Soil Conservation	Eco Misc	Ramam Catchmant	Rimbick	Ramam-6	2.5m x 2.5m	5		53	53	27°07'50.8"	88°03'35.1"	26.77	27.304324	08.12.23	Misc	51

2018	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Torsha Catchment	Baradbari	Chilapata	2mt x 2mt	30		68	68	26°32'49.78"	89°21'11.84"	12.67	15.452812	08.02.24	Misc	80
2018	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Daina Catchment	Gairkata	Rethi-1	2mt x 2mt	20		74	74	26°50'46.80"	89°05'49.25"	27.67	24.95671	01.12.23	Misc	77

Government of West Bengal
Directorate of Forests
Office of the Chief Conservator of Forests, Hill Circle, West Bengal
Meadow Bank Road, Darjeeling-734101
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e-mail : ccfhcwb@gmail.com; ccfhc.frd-wb@bangla.gov.in



No. 1875/C1-3

Dated, Darjeeling the 20.12.2024.

To : The Principal Chief Conservator of Forests,
Research Monitoring & Development, West Bengal

Sub : Minutes of the presentation of Draft Plantation Monitoring Report for
2022-23, North Bengal –reg

Ref : Memo No; 5073/13-10 (B) Dated 20/12/2024 of DFO Kuseong Forest Division.

Madam,

With reference to above, kindly find herewith the in written clarification along with the relevant photographs of field inspection, submitted by DFO Kurseong Forest Division, vide his memo no: under reference, along with my comments after my field inspection on 18-12-2024, for your kind information and perusal.

Being encroachment evicted areas of erstwhile Ghoshpukur Range of Sliguri Social Forestry division, vulnerability of the plantation sites to profuse biotic pressures and illegal human activities, erosion prone river banks sites with repeated threat of flash floods, failure to conduct infilling and maintenance works in proper time due to non placement of fund, were the major factors contributing to low survival percentage.

Some sites falling on regular elephant corridors frequently raided by the herds are very difficult to restock even with the taller seedlings, as reported and observed.

Pursuant to the directives, the DFO will prepare the detailed estimate for restocking the plantation with taller seedlings, along with other appropriate protection measures required to be adopted, for submission to the higher authority for the placement of fund.

He has also been advised for organizing awareness programmes in the identified adjacent villages for safeguard of the planted seedlings, with active involvement of Local Panchyat Machinery for engagement of labour components as well as for the provisions of financial support in other schemes, for the watch and ward of the plantation.

Encl: As stated

S. Gajamer
20/12/2024

(S.Gajamer IFS)
Chief Conservator of Forests
Hill Circle, West Bengal

No. 1875/C1-3

Dated, Darjeeling the 20.12.2024.

Copy forwarded for information and necessary action to the Divisional Forest Officer, Kurseong Forest Division.

S. Gajamer
20/12/2024

(S.Gajamer IFS)
Chief Conservator of Forests
Hill Circle, West Bengal

Kurseong Division

Monitoring report remarks

1st Year (2022)

Range	Location	Area	Date of survey	Final Score	DFO's Remarks
Ghoshpukur	Kuchia	1.5 Ha	03.02.2024	31	Since the Plantation area was evicted from Encroachment. The Plantation site is being intentionally damage, despite of the repeated infilling/replanting & execution of Barbed wire Fencing Repair works.
Ghoshpukur	BhuwangiriChatt	3.5 Ha	03.02.2024	27	Since the Pltn. Site/area was evicted from Encroachment. The Plantation site being intentionally damage, seedlings being intentionally uprooted despite of the repeated Infilling/replanting repeated execution of Fencing Repair works. Furthermore, a Forest Fire that occurred on dated 12/02/2023 affected area around 1.5 ha.

3rd Year (2020)

Range	Location	Area	Date of survey	Final Score	DFO's Remarks
Panighatta	Panighatta	5 Ha	11.12.2023	34	<ol style="list-style-type: none"> 1. Riverine Plantation site is very challenging as the location is on Balason river bed. 2. Damage of area with repeated flash flood. 3. Plantation Area repeatedly damaged by fire 4. Dryness in winter season 5. Timely cleaning and removal of weeds was not carried out due unavailability of fund. Fund was received very late.
Bamanpokhri	arabari	10 Ha	13.12.2023	27	<ol style="list-style-type: none"> 1. The 2020 Tarabari Block miscellaneous plantation site falls within an elephant corridor. Frequent elephant visits have trampled the seedlings, and grazing by elephants has damaged the plantation, hindering the growth of the seedlings. 2. Another contributing factor is the presence of a 5-hectare fodder plantation, established in 2022 adjoining the Tarabari miscellaneous plantation. This has increased the frequency of elephant raids on the plantation site. 3. Timely cleaning and removal of weeds from the plantation were not carried out due to a lack of funds.
Ghoshpukur	Nardevjote	3 Ha	16.12.2023	26	Encroachment issue, Pltn. Intentionally damaged by some miscreants despite of the repeated infilling & Barbados Fencing repair works

5th Year (2018)

Range	Location	Area	Date of survey	Final Score	DFO's Remarks
Ghoshpukur	Bhuriakhali	3 Ha	01.12.2023	24	Majority of the Pltn. Site damaged due to River Erosion caused by River Mahananda.
Ghoshpukur	Chicken Mati	05 Ha	02.12.2023	26	Encroachment Issue, Pltn. being intentionally damaged by some miscreants despite of repeated Infilling & Barbed fencing Repair works. Also Fire was deliberately caused on dated 28.02.2021 by some miscreants & lastly some portion of the site being damaged due to Mahananda River erosion.
Ghoshpukur	Changa	3 Ha	01.12.2023	26	Portion of the land of the Pltn. site being washed away by River Erosion caused by Changa River, Pltn. being intentionally damaged by some miscreants despite of the repeated Infilling & Barbed Fencing repair



(Devesh Pandey IFS)
Divisional Forest Officer
Kurseong Forest Division

Field Visit by CCF, HILL Circle and DFO Kurseong Division

Annx-II

1. 3Ha. 2018 Plantation at Chenga under Ghoshpukur Range:



2. 5Ha. 2018 Strip Plantation at Chickenmati under Ghoshpukur Range:



3. 3Ha. 2020 Plantation at Nardev Jote under Ghoshpukur Range:



4. 3Ha. 2018 Strip Plantation at Bhuriakhali under Ghoshpukur Range:



SD/- D. Pandey IFS.
Divisional Forest Officer
Kurseong Division



Government of West Bengal
Directorate of Forests
Office of the Chief Conservator of Forests, Northern Circle, West Bengal
S.J.D.A. Complex, P.O. Danguajhar, Dist. Jalpaiguri-735121
E-mail: ccfnc-wb@nic.in
Visit: <https://westbengalforest.gov.in/>



Memo No. 60 /4P-1

Dated, Jalpaiguri, the 15th January 2025

From : The Chief Conservator of Forests,
Northern Circle, West Bengal.

To : The Principal Chief Conservator of Forests,
Research, Monitoring & Development, West Bengal


Sub. : Explanation for poor performance of Plantations.

Ref : Meeting conducted by PCCF, RMD, West Bengal dated 03rd December 2024 from 11:00 AM , minutes of meeting letter no. 461(32)/PCCF-RMD/2M-7(G) dt.09.12.2024.DFO Jalpaiguri Division letter no. 2910/2-16 dt.11-12-2024,DFO Baikunthapur Division letter no. 3665/13-2 dt.19.12.2024 & DFO Coochbehar Division letter no. 3765/13-1 dt. 20.12.2024.

Sir/Madam,

Please find attached herewith the copy of the explanation given by the DFO's under this Circle for your reference. I do agree with some of the remarks however disagree with few others like:

1. The primary reason for plantation failure is often attributed to damage caused by wild animals. Given the frequent movement of animals at the selected plantation site, DFOs should have prioritized precautionary measures and implemented them before initiating the plantation. Additionally, the DFO must conduct a quality check on the materials used for energized fencing. If there is no funding available for the maintenance of the fencing, it is better not to proceed with the plantation.
2. Waterlogged areas should be avoided for plantation. If such areas are chosen, they must be planted with appropriate species that comply with the guidelines outlined in the Working Plan.
3. Although funding for plantation maintenance is provided for five years post-plantation, the officer responsible for the plantation should still be held accountable for its upkeep.



(S.K.Mollay) (FS)
Chief Conservator of Forests,
Northern Circle, West Bengal

Memo No. 60 / 4P-1

Dated, Jalpaiguri, the 15th January 2025

Copy forwarded for information to:

1. The Principal Chief Conservator of Forests & Head of Forest Force, West Bengal.
2. The Additional Principal Chief Conservator of Forests, North Bengal.
3. The Divisional Forest Officer, Baikunthapur Forest Division
4. The Divisional Forest Officer, Jalpaiguri Forest Division
5. The Divisional Forest Officer, Coochbehar Forest Division


(S.K.Mollay) (FS)
Chief Conservator of Forests,
Northern Circle, West Bengal

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GOVERNMENT OF WEST BENGAL
Directorate of Forests
Office of the Divisional Forest Officer
Baikunthapur Division
Forest Administrative Building (Block-B)

South Shanti Nagar, Dabgram-II, P.O. Dabgram, Dist: Jalpaiguri, Siliguri,
PHONE NO: 03561 796644, Email: dfobaik-wb@nic.in

No: - 3665 / 13-2

Dated, Siliguri, the 19 / 12 /2024

From: The Divisional Forest Officer
Baikunthapur Division

To: The Chief Conservator of Forests,
Northern Circle, West Bengal.

Sub: Minutes of Presentation of draft Plantation Monitoring Report 2022-23, North Bengal -reg

Ref: Your memo no. 1800/4P-1 dated 10.12.2024

Sir,

With reference to the subject mentioned above the undersigned is submitting the explanation regarding poor performance in many of the plantations under this Division. The reasons are as follows :

1. The 2021 misc 5 Ha plantation at Chel-2 compartment of Phuljhora Beat, Apalchand Range was damaged by elephant on 29.12.2023. [Report of Beat In-Charge and ADFO, Baikunthapur Division Enclosed]
2. For plantation created in the year 2021-22 78.74% of fund was released in the FY 2021-22. Similarly for the plantation created in 2020-21 (MY-1) 73.53% of fund was released in FY 2021-22, For 2018-19 (MY-3) 70.78% of fund was released. For 2017-18 (MY-4) only **34.50% fund was released** and for 2016-17(MY-5) only **24.99% fund was released in the FY 2021-22.**
3. Rs 2,09,544/- [Rupees Two Lakhs Nine Thousand Five Hundred and Forty Four] under H/A 23-4406-01-796-00-002-V-87-00 of 3rd yr maintenance (2020 plantation) of Misc plantation over 10 Ha at Solaidanga, GK-2 compartment, Gouricone Beat and 10 Ha At Chilkapa, MTD-5 compartment under Sikarpur Beat both under Belacoba Range was surrendered due to very bad condition of plantation & as a result no maintenance work was under taken [Letter of Surrender of Fund and Enquiry Report Enclosed].

Hence, due the facts mentioned above many plantations' performance was poor under this Division.

This is for you kind information and further necessary action.

[Handwritten signature]
Divisional Forest Officer
Baikunthapur Division



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER
BAIKUNTHAPUR DIVISION
SOUTH SANTINAGAR(JABRAVITA), P.O. DABGRAM
DIST. JALPAIGURI, PIN - 734004.
Email: dfobaik-wb@nic.in



No: 2583 / 2 - 31

Dated, Siliguri, the 10/11/2023

From: The Divisional Forest Officer,
Baikunthapur Division

To: The Chief Conservator of Forests,
Northern Circle, West Bengal.

Sub: Information on surrender of fund allotted of fund 3rd Year maintenance
of Plantation under State Plan.

Ref: Memo No. 3D-28(3rd Yr. Maintenance), dated 16/10/2023
Under Head of Account 23-4406-01-796-00-002-V-87-00.

Sir/Madam,

With reference to the above mentioned subject and reference, this is to inform you that the maintenance works of miscellaneous Plantation covered area over 10 ha. at Solaidanga, GK-2 Compartment under Gourikone Beat and 10 ha. at Chilkapa, MTD-5 Compartment under Shikarpur Beat under Belacoba Range and found both plantations are very bad in condition as per the enquiry report of ADFO-II of this Division. In this situation, requirement of 3rd Year maintenance works of miscellaneous Plantation for the above mentioned area does not arises.

Therefore, the undersigned would like to surrender the allotted fund for amounting Rs.2,09,544.00(Rupees Two Lakhs Nine Thousand Five Hundred Forty five)only under Head of Account 23-4406-01-796-00-002-V-87-00 of 3rd Year maintenance works of miscellaneous Plantation due to aforesaid reason.

This is for your kind information and taking necessary action please.


Encl: As stated above.

Sd/- Hari Krishna, IFS
Divisional Forest Officer
Baikunthapur Division

Dated, the Siliguri, 10/11/2023

Memo No. 2583 / 2 - 31 ,

Copy forwarded for information to:
(1) The Assistant Divisional Forest Officer, Zone -II, Baikunthapur Division.
(2) The Range Officer, Belacoba Range.


Divisional Forest Officer
Baikunthapur Division

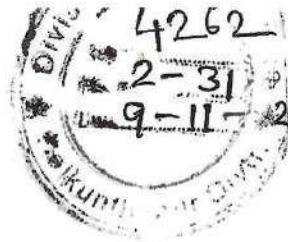


9/11/2023

To

The Divisional Forest Officer

Baikunthapur Division



Subj: Report on 2020 year plantation under Belacot Range

Ref: Range - Your instruction dt. 31.10.2023

No- C.
To
The D
Baikun
Siliguri

I, ADFO-II / Baikunthapur Division, with reference to

above subject matter visited the Plantation (10Ha) at

Eoloidanga under Crowsikone Beat, along with Beat

Officers Crowsikone Beat. The area was searched for

the planted seedlings but very few planted seed

could be traced out. The area is dominated

shrubs and some coppice. Jarul plants can be

seen. The percentage of survival of planted seed

is very poor, it can be said assessed upto 5%

The plantation maintenance work (3rd year) will

be simply waste of Govt. money. It needs replan

to rejuvenate the plantation of this site.

The another plantation at Chilkapada over 10 Ha of

2020 has also been visited. This plantation is

also in very bad shape. The survival percent


of this plantation too is approx. 5%. Hence

maintenance work of this plantation is also waste of Govt fund. The total area of plantation needs to be replanted.

The cause of damage of above two plantations might be due to

- i) Open plantation area, needs proper fence from goat from cattle as well as from elephants.
- ii) Species selection plays vital role in survival of seedlings. This should be chosen according to soil condition.
- iii) Watch & watch a timely planting is during the monsoon.

This is for your kind information.


ADPO-II
09.11.23



GOVERNMENT OF WEST BENGAL
Directorate of Forests
Baikunthapur Division
Phuljhora Forest Beat Office ,Apalchand Range,
Sologhoria, Dist- Jalpaiguri-735218.



To
The Range Officer
Apalchand Range
Baikunthapur Division
Kathambari

**Sub: - Information about Damage caused by Wild Elephant in 2021-22 5Ha.
Plantation of Chel-2**

Respected Sir,

This is to inform you that A herd of Wild elephants had entered the 2021-22 Plantation site (5ha) of Chel-2 comptt. of Phuljhora Beat in the night of 29.12.2023 and caused severe damage to about 120-130 plants of species like Sisoo,khair,jarul,kanjal, mehagoni, chikrassi, arjun ,chalta ,hollong sal etc. Beside this the fencing, consisting pole and barbed wire was also badly damaged by that herd.

This is for your kind information and necessary action.

Sologhoria
29.12.2023

No. 26/AP-13 Dated 15-01-2024.

FORWARDED
Dr. Ananta Saha
FOREST RANGE OFFICER
APALCHAND

Ghosh, FR

Beat-in-Charge
Phuljhora Forest Beat
Apalchand Range
Baikunthapur Division

Beat-in-charge
Phuljhara Beat
Apalchand Range
Baikunthapur Division

To,

The Divisional Forest Officer
Baikunthapur Division

Sub : Report on 2021 Misc. Plantation in Chel -2 compartment, Phuljhora Beat, Apalchand
Range

Ref :- Your instruction dated 21.01.2024

Visited 2021 misc. ,5 ha plantation along the Chel river in Chel-2 compartment. The trainee Range Officer and Beat Officer-Kathambari Beat accompanied with me. The plantation area was inspected. It is observed that Elephant herd is frequently entering into the plantation, from western, Northern and part of eastern side ,by breaking the barbed wire fence , as evident from the presence of fresh dung as well as one week older dung, in the plantation area.

The herd is mainly entering into the plantation area for wallowing mud and spraying dust on the body. During this activity the herd is uprooting the plants , breaking the plants etc. The herd has damaged around 120-130 nos. of planted saplings like Sisoo , Jarul, Khair, Chikrasi, Holong, Kainjal, Arjun, Chalta , Sal etc. Mainly Sisoo and Khair seedlings have been damaged and the number has considerably reduced. Damaged plants can be replaced by one year old seedlings like Khair, Sissoo, Holong, Simul, Pitali, Arjun etc during the monsoon.

It has also damaged the barbed wire fence and the poles. The poles are almost rotten and need to be replaced. The replacement of barbed wire fence with Power fence towards west and east(part) and North side, would minimize the entry of herd . The power fence will be fruitful in protecting the plants from damage. This plantation is established now, in the riverine area and further entry of herd will not only damage the grown up plants but will lead to considerable decrease in the number of plants.

24.01.2024

(Manjula Tirkey, WBFS)

ADFO/Zone-II

Baikunthapur Division

Needs recorded in
plantation journal
Need not be done



16/12/24

D.A-11
13.12.24



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER, JALPAIGURI DIVISION
Old Court Campus, Collectorate Avenue, Hakimpara, Jalpaiguri-735101, West Bengal
E-Mail: dfojal-wb@nic.in



Memo No. 2910/2-16

Dated, Jalpaiguri, the 11-12-2024

To,

✓ The Chief Conservator of Forests
Northern Circle, West Bengal

Sub: Explanation for the poor performance of Plantations
Ref: CCF NC memo No.1800/4P-1 dated 10-12-2024

Sir,

Please find enclosed herewith the explanation for the poor performance of the plantations raised during 2022 (1st year monitoring), 2020 (3rd year monitoring) and 2018 (5th year monitoring) under Jalpaiguri Division.



Vikas.V
Divisional Forest Officer
Jalpaiguri Forest Division

Explanation for the poor performance of 2020 plantation (3rd year monitoring): Category D

Total area Categorised in Danger Zone Category D is 30.4 ha. The location details of the various plantations are given in the table below

<u>Location Details:</u>				
SI No	Range	Beat	Compartment	Area
1	Nathua	Godhyerkuti	Ramsai	11.4 ha
2	Nathua	Nathua	Jaldhaka	9 ha
3	Chalsa	Sipchu	Chapramari-1B	10 ha

The undersigned has referred the plantation journals and the notes of various inspecting officers for arriving at a proper conclusion on what were the reasons that ultimately resulted in the low survival rate and poor performance.

Explanation for the poor performance for the plantation raised at Godhyerkuti Beat under Nathua range (11.4 ha Plantation):

- The inspecting officers have recorded at various places in the plantation journal that the plantation area was damaged by the frequent grazing by wild animals, especially by wild elephants, wild boars, and Indian Gaur.
- There is a mention of a devastating flood that occurred on 18/08/2021 in this plantation area, causing massive damage. The report by the then Range Officer Nathua also substantiates this. Timely reporting and supporting pictures are available in the plantation journal.
- There was no provision for solar fencing during that time, and the wild animal movement frequently damaged the bamboo fences erected, which were not effective in preventing entry by wild animals..

Justification for low survival at Nathua Beat under Nathua range (9 ha Plantation):

- The inspecting officers have recorded that plantation area was damaged due to frequent grazing by wild animals (wild elephants, wild boars, Indian gaurs, & rhinos).
- Reports, along with pictures showing waterlogging after a devastating flood that occurred on 18/08/2021 in this plantation area, are available in the plantation journal.
- There was no provision for solar fencing during that time, and the wild animal movement frequently damaged the bamboo fences erected, which were not effective in preventing entry by wild animals.

Justification for low survival at Sipchu Beat under Chalsa range (10 ha Plantation):

- As per the plantation journal, bamboo fencing was totally damaged due to the regular movement of wild animals. Solar fencing was a better option; however, there was no provision for energised fencing during that time.
- Report of Range Officer Chalsa says that the plantation area was damaged by the frequent grazing of wild animals, and uprooting of saplings by wild boar is noticed in species like Simul, Khair, and Jarul.
- Report of a severe flood and subsequent water logging could be another reason for the poor performance.

Concluding remarks

The undersigned, during the various field visits to these plantations, observed that there is frequent movement of wild animals, especially large mammals like elephants and bison. Most of the fencing in these plantations was damaged by the movement of wild animals, and there was no provision for doing solar-energised fences in the estimate. The plantations also suffered due to water logging in certain areas as mentioned above.

Explanation for Category-C (Warning Zone) of 2020 plantation (3rd year monitoring)

Total area Categorised in Warning Zone Category C is 10 ha with 59 % survival rate. The location details of the various plantations are given in the table below

<u>Location Details:</u>				
SI No	Range	Beat	Compartment	Area
1	Moraghat	Totapara	CMG-2	10 ha

As per the records available the following points resulted in the plantation to get categorised into C.

- Records of frequent damage by wild animals are seen in the plantation journal, especially by elephants, wild boar, and bison.
- Fencing was made of bamboo and was frequently damaged by the wild animals, resulting in damage to the seedlings planted. There was no provision for solar fencing.
- Totapara is part of the Central Diana Moraghat and Moraghat Rheti elephant corridor. Wild animals frequently stay in this forest. This could be the reason for the frequent damage by the elephants.

Concluding remarks

The undersigned, during field visits to this plantation, observed that there is frequent movement of wild animals, especially large mammals like elephants and bison. Fencing in this plantation was damaged by the movement of wild animals, and there was no provision for doing solar-energised fences in the estimate. Totapara is part of the elephant corridor connecting the Diana, Moraghat, and Banarahat Ranges; the forests of Morgahat act as an excellent shelter for elephants and bison. Funds are required for the continuous maintenance of fences; without which it becomes difficult to raise good plantations here.

Explanation for Category-C (Warning Zone) of 2018 plantation (5th year monitoring)

Total area Categorised in Warning Zone Category C is 33 ha. The location details of the various plantations are given in the table below

<u>Location Details:</u>				
SI No	Range	Beat	Compartment	Area
1	Moraghat	Gossaihat	SMG-4	5.55 ha
2	Moraghat	Khutimari	CMG-12	7.45 ha
3	Chalsa	Sipchu	Chapramari-1	10 ha
4	Diana	Toll gate	North Diana	10 ha

As per the records available the following points resulted in the plantation to get categorised into C.

- Frequent damage by wild animals was reported in all these plantations, especially by elephants.
- Fencing was made of bamboo and was frequently damaged by the wild animals, resulting in damage to the seedlings planted. There was no provision for solar fencing during that time.
- The forests in Moraghat shelter elephants throughout the year, and frequent movement of bison is there. This could be the reason for such large damage by wild animals, and without proper energised fencing, it is quite difficult to raise quality plantations.
- There is a reference of damage by flood and forest fire (2021) in the 10 ha plantation at Toll Gate Beat.

Concluding remarks

The undersigned during the various field visits to these plantations observed that there is frequent movement of wild animals especially large mammals like elephant, bison. Most of the fencing in these plantations was damaged by the movement of wild animals and there was no provision for doing solar energized fences in the estimate. The plantations also suffered due to water logging and forest fire in certain areas as mentioned above.

Explanation for Category-C (Warning Zone) of 2022 plantation (1st year monitoring)

Total area Categorised in Warning Zone Category C is 8.9 ha (CFC regenerated area) with a survival percentage of 68. The location details of the various plantations are given in the table below

<u>Location Details:</u>				
SI No	Range	Beat	Compartment	Area
1	Moraghat	Totapara	NMG-1	8.9 ha

Reasons for 8.9 ha to get categorised as Warning Zone (Category-C)

- The solar fencing erected was frequently damaged by the wild animals, especially elephants. Timely maintenance of the fencing is quite important; however, no fund provision is there for the maintenance of the solar fencing.
- Totapara is part of the Central Diana Moraghat and Moraghat Rheti elephant corridor. Wild animals frequently stay in this forest. This could be the reason for the frequent damage by the elephants.
- 15-20% of this plantation is low-lying, and the Sal lines got failed in this area. This was followed by infilling; however, the species that were planted in this area are also showing stunted growth.
- Wild elephants show a tendency to uproot the Sal seedlings.
- The plantation, though showing 68% in the first-year monitoring report, may even come down in the subsequent monitoring periods because this year the maintenance funds for the 2022 plantations have not been released to date.

Concluding remarks

The undersigned, during the field visit to this plantation, observed that there is frequent movement of wild animals, especially large mammals like elephants and bison. Though solar fencing was done in this plantation, these fences were frequently damaged by the elephants. Yearly maintenance of solar fencing is required for proper upkeep; however, no provision is there in the estimates for yearly maintenance of solar fences. A portion of this plantation is low-lying and gets waterlogged during the monsoon; the sal lines failed in the beginning, and though it was replaced with miscellaneous species, the growth is not that promising. The maintenance funds for these plantations (year 2) have not been released to date; hence the undersigned anticipates that the survival percentage may even go down in the subsequent monitoring periods.


Vikas.V

Divisional Forest Officer
Jalpaiguri Forest Division



Government of West Bengal
Directorate of Forests

Office of the Divisional Forest Officer, Cooch Behar Division
East Kameswari Road, P.O. & Dist - Cooch Behar, West Bengal- 736101
Phone - 03582-227727 : Fax - 03582-230751 : e-mail : cobdivn@gmail.com & dfocoo-wb@nic.in

No. : 3765/13-1

Dated: 20.12.2024

From : The Divisional Forest Officer,
Cooch Behar Division.

To : The Chief Conservator of Forest,
Northern Circle, West Bengal.

Sub : Minutes of Presentation of Draft Survey Monitoring Report 2022-2, North Bengal-regd.

Ref : Your Memo No 1800/4P-1 dt 10/12/2024

Sir,

As per the above reference, out of the draft survey monitoring report (5th year) of Cooch Behar Division, one plantation of 5 Ha area falls under Danger Zone (PS<15%). It is 2018 plantation (Strip Plantation-Roadside plantation from Saheberhat to Vetaguri under Cooch Behar- II Range).

Year	Scheme	Range	Beat	Location	Area (Ha)	Explanation
2018	Eco Misc	Cooch Behar II	HQ	Saheberhat to Vetaguri	5	This is a road side plantation raised along the road starting from Saheberhat to Vetaguri. Most of the plants were damaged during widening works of the road.

This is for your kind information and taking necessary action.


Divisional Forest Officer
Cooch Behar Division



Government of West Bengal
Directorate of Forests
Office of the Conservator of Forests
North-West Circle, West Bengal
6, C.V Raman Sarani, College Para, Siliguri-734001
Dist. - Darjeeling, Email: cfnw-wb@nic.in



Memo No.: 1165 /NW/2M-33

Dated. 12.12.2024

To : The Conservator of Forests,
Monitoring Circle, West Bengal.

Sub : Replies on failed Plantation.

Ref : Minutes of Draft Monitoring Report 2022-23, North Bengal.

Enclosed please find herewith the replies of concerned DFO's under this circle regarding the failed plantation of respective Divisions for the 3rd year (2020) and 5th year (2018) plantation with comments of the undersigned.

This is as per Minutes of Presentation of Draft Plantation Monitoring Report 2022-23 North Bengal, copy enclosed vide PCCF, RMD No. 461(32)/PCCF-RMD/2M-7(G) dt. 09.12.2024.

This is for your kind information & necessary action.

Encl: As Stated.


Conservator of Forests
North-West Circle, West Bengal

Memo No. 1165 /NW/ 2M-33

Dated. 12.12.2024

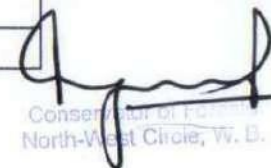
Copy forwarded for kind information to:

1. The Principal Chief Conservator of Forests, Head of Forest Force, West Bengal.
2. The Principal Chief Conservator of Forests, Research, Monitoring & Development, West Bengal.
3. The Chief Conservator of Forests, Conservation & Extension, West Bengal.
4. The Divisional Forest Officer, Monitoring (North) Division.
5. The Divisional Forest Officer, Malda Division.
6. The Divisional Forest Officer, Raiganj Division.
7. The Divisional Forest Officer, Jalpaiguri Social Forestry Division.
8. The Divisional Forest Officer, Siliguri Social Forestry Division.


Conservator of Forests
North-West Circle, West Bengal

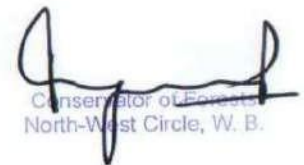
**Draft Plantation Monitoring Reports
Year -3rd (2020)**

Year	Zone	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	5% 3rd Yr			Final Score	Comments of DFO	Comments of CF
										Sal	Misc	Over all			
2020	NB	North West Circle	Maida	STRIP	Bhaluka Rd	Koriali	Uttar kumed pur	4mt×4mt	20		19	19	23	Low survival percentage is due to the hostile attitude of local population who view that the plantation may affect the agricultural productivity. Infilling done during current year but due to floods in September, the plantation suffered damages	The matter was reported to CF NWC
2020	NB		Raiganj	STRIP	Karandighi	Karandighi	Gardigawa vanda bari	4mt×4mt	10		12	12	42	Survival percentage is low due to issues of grazing, non co operation from local people, and non availability of sufficient staff for watch and ward.	This is a site specific issue which has contributed to lesser survival percentage
2020	NB		Siliguri SF	MGNREGS	Gairkata SF	Dhupguri	Paschim Khairkata	2mt×2mt	13		61	61	58	No maintenance fund received after creation	Due to non availability of maintenance and watch and ward fund the plantation has lower survival percentage.
2020	NB		Jalpaiguri SF	MGNREGS	Jalpaiguri SF	Jalpaiguri	Dhappanj to berubari more	4mt×4mt	5		31	31	51	Plantation raised under MGNREGS-SPAP convergence scheme. During subsequent years no maintenance fund received. Low survival percentage due to absence of regular watch and ward and infilling	Due to non availability of maintenance and watch and ward fund the plantation has lower survival percentage.
			MGNREGS	Jalpaiguri SF	Jalpaiguri	Konpakri to Sovarhat	4mt×4mt	5		32	32	51	Plantation raised under MGNREGS-SPAP convergence scheme. During subsequent years no maintenance fund received. Low survival percentage due to absence of regular watch and ward and infilling	Due to non availability of maintenance and watch and ward fund the plantation has lower survival percentage.	


 Conservation Officer
 North-West Circle, W. B.

**Draft Plantation Monitoring Report
Year - 5th (2018)**

Year	Zone	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 5th Yr			Final Score	Comments of DFO	Comments of CF
										Sal	Misc	Over All			
2018	NB	North West Circle	Malda	Eco Misc	Gazole	Jamalpur	Patharbanpur	2mt x 2mt	15		0	0	0	This Plantation has suffered flood damage on 20/12/19 resulting in about 40% damage and fire on 29/03/20, resulting in complete damage.	plantation damage reported to CF NWC. Damage due to reasons beyond the control of staff.
2018	NB	North West Circle	Siliguri SF	Eco Misc	Central SF	Shikarpur	Chiarykhari	2mt x 2mt	10		51	51	57	Illegal felling is a major concern as area is already handed over to GP. After handing over the area, illegal cutting of trees are there. Several meetings were conducted and general diary lodged, which improved the situation.	Since the area is already handed over, looking after the plantation is difficult on part of staff
2018	NB	North West Circle	Siliguri SF	Eco Misc	ETSF	Naxalbari	Moniram	2mt x 2mt	5		45	45	39	Out of 5 Ha, 2 Ha was washed out. 3 Ha of Plantation is remaining and in satisfactory condition and already was handed over to GP.	The area is flood prone and damaged due to flood waters/ Inundation
2018	NB	North West Circle	Siliguri SF	STRIP	Malbazer SF	Malbazer	West Damdim/ Chel River	4mt x 4mt	15		45	45	50	Plantation is damaged due to flood and continuous trespassing of wild elephants	Plantation raised in River Banks which is flood prone and the area frequented by Elephants.
2018	NB	North West Circle	Siliguri SF	STRIP	Gairkata SF	Gairkata SF	Haldibari holleross School to Moraghat Rd	4mt x 4mt	10		38	38	47	Damage due to extension of road, grazing pressure and mischievous activities of public, plantation is affected.	Due to Road extension part of the plantation was damaged.
2018	NB	North West Circle	Siliguri SF	STRIP	ETSF	Naxalbari	Chota Moniram	4mt x 4mt	10		0	0	0	out of 10 Ha, 4 Ha was washed out. Out of the remaining 6 Ha, nearly 2.5 Ha had been washed out during the heavy rainfall during Oct, 2021. Mechi River had submerged the entire plantation site thus damaging the plantation and washing away the trees. Now in the remaining 3.5 Ha area few trees are present and already handed over to the GP	The plantation raised on the banks of Mechi River, during Monsoon flooding has damaged this site regularly.
2018	NB	North West Circle	Siliguri SF	STRIP	Malbazer SF	Malbazer	Odlabari Chel River Bed	4mt x 4mt	10		0	0	0	Plantation is totally damaged due to drought and continuous trespassing of wild elephants.	The Range Officer had reported the matter to the DFO during February 2021. 70% to 80 % casualty reported due to severe drought condition from Sept 2020 to February 2021. some Khair seedlings being damaged by Wild Elephants


 Conservator of Forests
 North-West Circle, W. B.

2018	NB	North West Circle	Siliguri SF	STRIP	Malbazer SF	Malbazer	Dakhin damdim Chel colony	4mt x 4mt	5		0	0	0	Plantation is totally damaged due to drought and continous trespassing of wild elephants.	The Range Officer had reported the matter to the DFO during February 2021. 70 to 80% casualty reported due to severe drought condition from Sept 2020 to February 2021. some Khair seedlings being damaged by Wild Elephants
2018	NB	North West Circle	Jalpaiguri SF	STRIP	Barovisha	Kamakhaguri	Uttar Naratholi	4mt x 4mt	15		17	17	32	This plantation was damaged several times during 2019, by heavy rainfall, flood and storms. The flood caused severe damage to the fencing which further affected the survival percentage of the plantation by grazing subsequently.	The damage to the plantation was reported by the RO to DFO and due to non availability fo funds the fencing could not be repaired on time as reported.
2018	NB	North West Circle	Jalpaiguri SF	STRIP	Alipurduar SF	Alipurduar SF	Baradabri	4mt x 4mt	8		0	0	3	The area is highly flood prone and embankment dam was constructed later in the plantation area by the Irrigation department, damaging the entire plantation.	The issue of construction of embankment has been reported by the RO to DFO JPG SF
2018	NB	North West Circle	Jalpaiguri SF	STRIP	Alipurduar SF	Alipurduar SF	Sambolpur & Baniadabri	4mt x 4mt	17		6	6	34	This Plantation lies adjacent to the B Ha plantaiton mentioned above. This was also damaged for the most part due to construction of embankment dam by the Irrigation department.	The issue of construction of embankment has been reported by the RO to DFO JPG SF


 Conservator of Forests
 North-West Circle, W. B.



Government of West Bengal
Directorate of Forests
Office of the Chief Conservator of Forests, Wildlife North
Forest Administrative Building (Block – B), South Santinagar
Dabgram – II, P.O. Dabgram, Dist. Jalpaiguri, Pin :: 734 004
e-mail : ccfwil-wb@nic.in



Memo. No. : 185 /2M-48(A)/ Pltn. Monitoring

Date: 16/01/2025.


To

The Chief Conservator of Forests
Monitoring & Evaluation, West Bengal.

Sub.: Reasons for below average performance of old plantation in Gorumara Wildlife Division.

Sir,

The low survival of the tree fodder plantation in Chapramari Beat can be attributed to multiple factors. Approximately 2.05 hectares were damaged by wild elephants, as evidenced by signs such as dung and trampled areas. Wildlife, including elephants, gaur, and barking deer, extensively grazed within the plantation, exerting significant pressure on the young saplings. The situation was further exacerbated by breaches in the protective fencing at multiple locations, which allowed free access to wildlife. Maintenance of the fencing and other protective measures could not be undertaken in time due to delays in fund allocation. The untimely availability of funds also hindered essential upkeep, leaving the plantation vulnerable to damage. These combined factors have led to the poor survival rate of the plantation and highlight the critical need for timely resource allocation and enhanced protective measures. During my visit to plantation on 18th December I could see loner elephant grazing in the plantation. ADFO has repeatedly written in plantation journal about grazing by wild animals. The above reason may be recorded in the monitoring report for low survival.


Bhaskar J.V., IFS
Chief Conservator of Forests
Wildlife North, W.B.

Memo. No. : 185 /2M-48(A)/ Pltn. Monitoring

Date: 16/01/2025.

Copy forwarded for information to:

1. The Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal.
2. The Divisional Forest Officer, Monitoring Division.
3. The Divisional Forest Officer, Gorumara Wildlife Division.


Chief Conservator of Forests
Wildlife North, W.B.

REMARKS OF INSPECTING OFFICERS

Sl.No.	Remarks of Inspecting Officers with designation and signature	Action Taken by Range Officer
16/04/19	<p>visited the site for selected by BO/ Dhupri & R.O/ NMA Range for creation of nurse tree fodder plantation at chepami-II camp. over 20 ha.</p>	<p align="right">Down 16/04/19</p>
16/06/19	<p>visited plantation site over 20ha at chepami II Campground, the initial clearing of the site completed.</p>	<p align="right">Down 16/06/19</p>
03/07/19	<p>visited plantation site at chepami II Camp Pit digging work under progress</p>	<p align="right">Down 03/07/19</p>
14/9/19.	<p>Visited 20 ha plantation (nurse fodder) of 2019.</p> <ul style="list-style-type: none"> 1. Excessive weedy growth and poor survival of seedlings due to non availability of funds for maintenance. 2. 0.5ha damaged due to wild elephant herd. <p>The plantation has very poor chances of a decent survival to due to the fact that no maintenance has been done (non availability of funds). Individuals that have survived are only the extremely handy and tall seedlings which have received good rainfall. Good</p>	

REMARKS OF INSPECTING OFFICERS

Sl.No.	Remarks of Inspecting Officers with designation and signature	Action Taken by Range Officer
	<p>rainfall however has been instrumental in the profuse seed growth which have sustained most of the seedlings.</p> <p style="text-align: right;">R/angry RO/GNR</p> <p>4/10/19.</p> <p>Visited plantation of 2019 2000 SPAP Tree Fodder. No funds for maintenance have been received. Condition of plantation was very dry so to some superficial clearing works have been done to minimize the losses. A number of infillings will be required. Sufficient fund for maintenance the remnant plants will also buffer</p> <p style="text-align: right;">R/angry RO/GNR</p> <p>7/2/2020.</p> <p>Visited plantation of 2019 (2000 tree fodder). Saw Barking deer grazing browsing on seedlings of plantation.</p> <p style="text-align: right;">R/angry ASPO</p> <p>5/5/2020</p> <p>Visited 2019 Comments in Range Copy 5/4/2020 R/angry</p>	

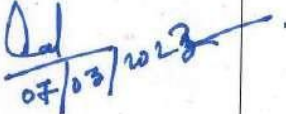
REMARKS OF INSPECTING OFFICERS

Sl.No.	Remarks of Inspecting Officers with designation and signature	Action Taken by Range Officer
	<p>17/8/2021.</p> <p>Visited 20 ha Teak Fodder Plantation (STSP) at Chapranan II Comp.</p> <p>Fencing has been breached at multiple places. (Counted at least 6 points). Dense weed overgrowth suffocating the plantation. Urgent intensive intervention required to save the plantation. Excessive trampling and signs of wild herbivore grazing seen. Funds have not yet been received for these urgent works.</p> <p style="text-align: right;">R. Ganapathy 17/8/2021</p> <p>3/1/2021.</p> <p>Visited 20 ha Teak Fodder plantation (STSP) at Chapranan II Compartment.</p> <p>Clearing has been done, but survival of seedlings is poor due to non availability of funds for maintenance in a time bound manner. The plantation suffers excessive pressure in terms of grazing and trampling by wild herbivores. Fencing is also in need of maintenance.</p> <p>Still now no funds for maintenance have been received</p> <p style="text-align: right;">R. Ganapathy 3/1/2021</p>	

REMARKS OF INSPECTING OFFICERS

Sl.No.	Remarks of Inspecting Officers with designation and signature	Action Taken by Range Officer
	<p>Visited 2019 SPAP 20ha Lee Fadder Plantation. Plantation is in a very poor condition. No funds for maintenance have been received yet. Excavation need information is there in the plantation and with the oncoming monsoon, this is expected to worsen. There is dire need for thorough clearing and infilling. Fencing is practically non-existent and elephant lands are being reported in the area. (as per SO). Survival ^{changes} of this plantation look bleak unless drastic corrective action is taken, which is not possible without funds.</p> <p style="text-align: right;">R. Ganguly 11/6/2021 RDO/GWL</p>	
	<p>Visited 2019 SPAP 20ha Lee Fadder Plantation at Chapramari. Maintenance works have been done in January end. Plantation not in good condition. Infilling required urgently. Fencing has been damaged at several places.</p> <p style="text-align: right;">R. Ganguly 1/3/21 RDO/GWL</p>	

REMARKS OF INSPECTING OFFICERS

Sl.No.	Remarks of Inspecting Officers with designation and signature	Action Taken by Range Officer
	<p>Visited the plantation. Area highly prone to browsing. Haritaki saplings were spotted in a few. Chalta saplings were highly browsed. Fund allotted against allotment order 1660/21-48(A)/164/2021-22 and work taken up in March, 2022. The weed infestation has cropped in at a very large scale. Fencing damaged. Elephant dung found amidst plantation which seems fresh - a signage of entry of megaherbivores. Maintenance reqd.</p> <p style="text-align: right;">  07/03/2023 </p>	



Government of West Bengal
Directorate of Forests
Office of the Chief Conservator of Forests, Wildlife North
Forest Administrative Building, Block- B
South Shantinagar, Dabgram-II, P.O.: Dabgram, Dist:- Jalpaiguri, PIN- 734004
Email:- ccfwil-wb@nic.in



Memo No.: 51 /2M – 48/ WL

Date: 06.01.2025

To: The Chief Conservator of Forests
Monitoring & Evaluation, West Bengal


Sub: Reasons for below average performance of certain 3 year & 5 year old plantations in Jaldapara Wildlife Division.

Ref: DFO/Jaldapara WL Division Memo No. 7251/13 – 1 dated 23.12.2024.

Sir,

Pertaining to the above referred matter, kindly find enclosed herewith the details enlisting the reasons for below average performance of the 3 year and 5 year old plantations. It may please be noted that on the broader context the causes identified are largely due to heavy grazing by wild elephants and other herbivores. Besides dolomite contamination is prevalent during monsoons. The plantations have been undertaken within the National Park which is an ideal habitat for the Indian Gaurs, Wild Elephants, various species of Cervidae family, wild boars etc. Hence these plantations are vulnerable to destruction by these animals. Moreover, due to non-availability of fund in proper time, maintenance of plantations could not be undertaken, hence the survival of the plants have been grossly affected.

This is for your kind information and taking necessary action.


Bhaskar J.V., IFS
Chief Conservator of Forests,
Wildlife North, West Bengal


Enclosure: As stated.

Memo No.: 51 /2M – 48/ WL

Date: 06.01.2025

Copy forwarded for information & taking necessary action to: -

1. The Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal.
2. The Divisional Forest Officer, Jaldapara Wildlife Division.


Bhaskar J.V., IFS
Chief Conservator of Forests,
Wildlife North, West Bengal



Government of West Bengal
Directorate of Forests
Office of the Divisional Forest Officer
Jaldapara Wildlife Division
Nilkuthi, P.O. & Dist. Cooch Behar, PIN - 736101
Phone- (03582) 227185 Fax:: (03582) 227513 e-mail : dfojwd-wb@nic.in



Memo No. 7251 / 13-1

Dated 23 / 12 / 2024.

From : The Divisional Forest Officer,
Jaldapara Wildlife Division, Cooch Behar

To : The Chief Conservator of Forests,
Wildlife North Circle, West Bengal

Sub : **Reasons for below average performance of certain 3year and 5 year old plantations in Jaldapara Wildlife Division**

Re : **Minutes of Draft Plantation Monitoring Report 2022-23, North Bengal held on 3.12.2024 in Hybrid mode**

Sir,

Drawing reference from the above, this is to submit that under Jaldapara Wildlife Division, 6 plantations were identified as plantations whose performance was not satisfactory. In this connection, the reasons for poor survival have been looked into and analyzed and tabulated below for your ready reference.

Sl. No.	Range	Beat	Compt.	Area (Ha)	Year of creation	Reasons for underperformance
1	Jaldapara North	Hasimara	HM-2	2.5 Ha	2020	The saplings planted failed to establish or are in state of distress due to inadequate soil preparation. The area is also a part of elephant corridor which is frequented by elephant herds and other major herbivores. Heavy grazing by elephants & other major herbivores has caused significant damage. Also during heavy monsoon sewage of dolomite rich water from Torsha has adverse effect on the saplings.
2	Jaldapara South	Salkumar	SK-3	5 Ha	2018	The area is predominantly frequented by wild elephants & other major herbivores. Wild boars have uprooted many saplings. Dumur species were infected by insects. No 1st Year to 5th Year Maintenance was done due to which excess weeds caused damage to the planted saplings. Infilling work was not done in due time.

3	Jaldapara West	Hollong	Torsha I	5 Ha	2018	Both the plots are frequented by wild elephant herds & other major herbivores and heavy grazing caused damage to the planted saplings during the initial phase which is very critical for saplings to establish and survive upto a certain height and stature. Lack of proper fencing caused wildlife depredation resulting in the under performance of the plantation.
		Moiradanga	Torsha II	15 Ha	2020	
4	Chilapata	Bania	BN-5	10 Ha	2020	Mainly Bot, Pakur, Lator, Dumur, Chalta, Totola & Sinduri were planted. During the 1st year the survival rate was good. However at present the Chalta saplings are thriving but only a few saplings of Sinduri & Totola have managed to survive. Overall condition is subpar.
		Chilapata	CP-4A	20 Ha	2020	80% of the saplings planted in the section of 8 Ha out of the total 20 Ha has shown great resilience & thrived remarkably. The rest 20% could not survive due to heavy grazing of wild elephants. The other 12 Ha plot is predominantly sandy exhibiting a lack of moisture with no source of water nearby to support the vegetation. Additionally the region is susceptible to damage from the wildlife, especially Gaur & Elephants. Biotic interference exists in the form of cattle grazing from the nearby villages of Simlabari & Deodanga. Also due to non availability of fund in proper time 1st Year Maintenance could not be done properly in time.

This is also to submit that while funds for maintenance for 1st, 2nd and 3rd year maybe allotted, no funds for maintenance of fencing are given in these areas where the saplings are specifically planted as fodder for wild animals. As such, they are attracted to the plantations and without adequate fencing, the plants are not given an opportunity to establish.

Details of field reports from the concerned Ranges have been attached herein for your kind perusal.

This is for your kind information and necessary action.


 (Parveer, IFS)
 Divisional Forest Officer
 Jaldapara Wildlife Division, Cooch Behar



Government of West Bengal
Directorate of Forest
Jaldapara North Range
Jaldapara Wildlife Division

Madarihat, Alipurduar-735220

email- jpnjaldapara@gmail.com

Memo No: 709 /JPN-13

Dated: 14/12/2024

From : The Range Officer,
Jaldapara North Range

To : The Divisional Forest Officer,
Jaldapara Wildlife Division, Cooch Behar


Subject: **Detailed report on reasons for underperformance of 2.5 Ha tree fodder plantation created in 2020 at HM 2 Compartment of Hasimara Beat**

Ref: DFO/JPWLD/Office Memo No : 6891/13-1/2020-21 dated : 05.12.2024

Sir,

The unsatisfactory growth of this plantation is concerning for several reasons:

- 1) **Current status:** Overall condition of plantation is not good and survival rate is very low
- 2) **Challenges Identified:** The trees that were planted have either failed to establish or are showing signs of distress, may be due to inadequate soil preparation. This has resulted in a situation where the area remains inadequate to support the large-scale wildlife populations it was intended to benefit. The site also a part of elephant corridor where most of the time elephant herds are staying and, on that perspective, it is a high chance of being grazed by wild elephant and other wild herbivores. During heavy monsoon sewage of dolomite rich Torsa river water inside the plantation site might have the adverse effect on the growth of planted species. It is also very difficult to manage when plantation area is very short viz 2.5 Ha. and almost every day visited by wild herbivores.
- 3) **Corrective measures undertaken:** Inside forest plantation always have the chances of grazing especially when fodder species. Energized fencing was there during plantation time. Maintenance was done previously but excessive grazing by Wild Elephant and Gaur stunted the growth of the existing stock.
- 4) **Recommendations:** Though the plantation growth is unsatisfactory and it's a part of elephant corridor so the undersigned is recommended not to do anything in this site for further improvement.


Range Officer,
Jaldapara North Range

— Range Officer
JALDAPARA NORTH RANGE

Copy forwarded for the information to the :

1. Assistant wildlife Warden, Jaldapara National Park , Madarihat



Government of West Bengal

Directorate of Forests

Office of the Range Officer

Jaldapara South Range, Jaldapara Wildlife Division

PurbaKathalbari, Salkumar More P.O.- Silbarihat PS & Dist. Alipurduar, PIN - 736204

e-mail : jaldaparasoutherange@gmail.com



Memo No. : 425 /JPS- 13

Date:14/12/2024

To
The Divisional Forest Officer,
Jaldapara Wildlife Division,
Coochbehar.

Sub : Submission of Detailed report on reasons for underperformance of 5 ha tree fodder
Plantation created in 2018.


Ref : Your Office Memo No. 6890/23-1 Date: 05/12/2024

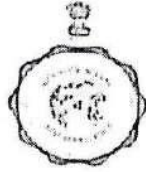
Sir,

With reference to the subject mention above, submitting herewith the detailed report on reasons for underperformance of 5 ha tree fodder Plantation created in 2018:-

1. The tree fodder plantation creation year was 2018. Present survival percentage is 47 % . After creation work completed there was no 1st year to 5th year maintenance work done . This reasons excess weeds damage some plants and infilling work not done.
2. The plantation was created at SK-3 compartment , this area is heavy wildlife disturbance area. Wild elephant sometimes stay there and damage some areas of plantation. Wild boar were uprooted many plants. Dumur species was infected by insects and many plants are dry for this reason.
3. This plantation needed to do infilling and cleaning work .

This is for your kind information and taking necessary action.


Range Officer, Jaldapara South Range
Jaldapara Wildlife Division



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE RANGE OFFICER
JALDAPARA WEST RANGE, JALDAPARA WILDLIFE DIVISION
P.O -JALDAPARA, P.S. & DIST. ALIPURDUAR, PIN-736204
Email- jpwjaldapara@gmail.com



Memo no- S96 /JPW-13

Dated, JPW, the 14th Dec-2024

From: The Range Officer
Jaldapara West Range
Jaldapara Wildlife Division

To: Divisional Forest Officer
Jaldapara Wildlife Division
Coochbehar

Sub:- Submission of details report on reason for underperformance of 5 ha & 15 ha tree fodder plantation created in 2018 & 2020.

Ref:- DFO/JPWLD, office memo no-6892/13-1/2020-21, Dated -05.12.2024

Respected Sir,

With reference to the above subject the under sign would like to inform you that after field visit it has been observed that the 5 ha and 15 ha tree fodder plantation in Torsa- I & II Compt. of Hollong Beat and Mairadanga Beat, created in 2018 & 2020 as stated in the report is true.

In view of the above submitted detailed report addressing the following points:-

1. Current Status:

Condition of 15 ha tree fodder plantation of Mairadanga Beat is unsatisfactory, also the survival percentage of species is very low and the survival rate of 5 ha tree fodder plantation of Hollong Beat is nil.

2. Challenges Identified:

Both the side of 5 ha & 15 ha fodder plantation are inside the National Park and those area are highly used by wild herbivores and highly prone to grazing. Unlike grass species, tree fodder requires time to establish and attain a height and stature which has overcome the critical initial phase for survival. Fencing maintenance is not given regularly for plantations and the fencing needs to be maintained for a minimum of 5 years continuously to ensure survival of saplings.

3. Corrective Measures Undertaken:

Attached comment in plantation journal of 5 ha & 15 ha tree fodder plantation year of 2018 & 2020.



4. Recommendations:

Whereas the fodder plantation areas are inside the National Park so there is a high chance for grazing of fodder species by the wild herbivorous animal. Some measures may be under taken:

- Selection of suitable plantation site.
- Above 5 ft to 6 ft seedling may be planted .
- Plantation should be done in time.
- Power fence should be maintained properly for at least 5 years inside the National Park area.
- Maintenance work should be done in a time bound manner and funds for the same need to be allotted on time.


Range Officer
Jaldapara West Range
Range Officer
Jaldapara West Range

Remarks of Inspecting Officer and action taken

Sl. No.	Remarks of Inspecting Officer with Designation & signature	Action taken on Remarks of Inspecting Officer
	<p>26th July, 2018</p> <p>Inspected the "Tree Fodder plantation" raised over 5.00 ha with tall seedlings of trees species like Ficus bengalensis, F. religiosa, F. gummifera etc. These species have been selected for their value as fodder for elephants and the plantation was been raised with an object of providing fodder for captive elephants. Barring a few casualties more than 99% of the saplings have established.</p> <p>R.O., SPW is directed to</p> <ol style="list-style-type: none"> i) Repair each casualty; ii) do two more mulching operations and apply 50 gm D.A.P. after each mulching. <p style="text-align: center;">  26.07.18 (Kumar Vimal) DFO, SPWLI </p> <p>Very good effort. This kind of species are expected to cater to fodder need as of elephants in future.</p> <p>Very promising</p> <p style="text-align: right;">  </p>	

Remarks of Inspecting Officer and action taken

Sl. No.	Remarks of Inspecting Officer with Designation & signature	Action taken on Remarks of Inspecting Officer
	<p>8/2/2020</p> <p>Inspected the plantation along with DFO & NWLD. Well stocked plantation, in filling has been done properly; noticed some evidences of grazing by wild animals including snowkays. The plantation needs to be taken care off intensively.</p> <p style="text-align: right;">(U. Ghosh) CEP (NWLD)</p>	
27.12.22	<p>visited plantation area found ^{some} damage to plantation by wild animals.</p> <p style="text-align: right;">Signature 27.12.22</p>	R.O. S.P.W.
03.8.23	<p>visited plantation area found plantation entire damage. damage may be occurred by wild life.</p> <p style="text-align: right;">Signature 07.8.23. R.O. S.P.W.</p>	
07.02.24	<p>The entire plantation is damaged to severe extent and one can hardly found any planted sapling. Mostly wild life grazing is the reason for such condition.</p> <p style="text-align: right;">Signature 07/02/24</p>	
07.02.24	<p>visited plantation area along with the respected. R.O. S.P.W./J.P.N.P., found entire plantation has damaged.</p> <p style="text-align: right;">Signature 07.2.24. R.O. S.P.W.</p>	

Remarks of Inspecting Officer and action taken

Sl. No.	Remarks of Inspecting Officer with Designation & signature	Action taken on Remarks of Inspecting Officer
	<p>27th May, 2020</p> <p>Inspected the tree fodder plantation site. Pits at 4.00m x 4.00m spacing had been cut and planting started by planting a Bot (Ficus Bengaleensis) seedling. The seedlings (tall) have been raised at Nilpara nursery. The plantation aims at growing a habitat for elephants and providing browse and fodder for camp elephants.</p> <p>Inspected the plantation on 20-06-20 alongwith RO/SPD and found that the newly planted seedlings had been well established. The planting pattern as planned by the SFO, WOULD was also followed perfectly. Noticed some damage caused by wild elephants. Instructed the RO/SPD to immediately infill the vacancies and to inspect the tree fodder plantation at regular basis. Instructions to erect wire fences over the beds of energized fencing to protect it from wild elephants was also given.</p> <p>12th June, 2020</p> <p>Inspected the plantation alongwith DFO, ADFs & other staff. Transplanting has been completed; Energized fencing has been installed; Two (2) year old saplings (avg. ht - 6'8") have been planted; Primary objective of raising tree fodder plantation is to grow fodder for herbivores, specially captive wild elephants; Lateral branching should be promoted. overall it appears to be an excellent plantation.</p>	<p>1/2 27.05.2020</p> <p>12/6/2020 Sd/- Sd/-</p>

Remarks of Inspecting Officer and action taken

Remarks of Inspecting Officer with Designation & signature	Action taken on Remarks of Inspecting Officer
<p>Inspected the plantation on 14-11-90 along with RO/HRD & found about 600 already well established seedlings had been damaged badly as by wild elephant herd. Instructed RO to keep the left out stems as it is so that it can sprout again. Also seen defoliation of leaves of Dummer seedling (P. glomerata) due to some pest problem. Sd/- 14-11-90</p>	
<p>25-01-2004. visited the 15 ha tree fodder plantation site and found that last night one herd of wild elephants partially damaged the tree fodder plantation. Sd/- 25-01-04 RO/HRD</p>	
<p>17-12-92 visited plantation area found weeds are covered needs to clearing. Sd/- 17-12-92 RO/HRD</p>	
<p>22-01-03 visited plantation area. clearing has been done but found heavy damage to plantation by wild elephants. Sd/- 22-01-03 RO/HRD</p>	
<p>07/02/29 visited the plantation site with RO & RO. via Havelly found any planted trees. Survival percentage is less than 5%. with Wildlife grazing is mainly responsible for such condition. Sd/- AWLW</p>	

31
L



Government of West Bengal
Directorate of Forests
Office of the Range Officer
Chilapata Range, Jaldapara Wildlife Division
Chilapata, P.O. - Mathua PS & Dist. Alipour, PIN - 736303
e-mail : chilapatarange2022@gmail.com



Memo No. 994 /CP-13

Date: 20.12.24

From

The Range Officer, Chilapata Range
Jaldapara Wildlife Division

To

The Divisional Forest Officer,
Jaldapara Wildlife Division

Sub:-Submission of Detailed Report on reasons for underperformance of, 20ha & 10ha tree fodder plantation created in 2020

Ref :- Your office memo no. 6893/13-1/2020-21, dt. 05/02/2024

Sir,

In accordance to the above submitting herewith the detailed report on reasons for underperformance 2020 Eco-Miscellaneous plantation at CP-4A and BN-5 compartment addressing the points prescribed by you as follows :-

1. Current Status

CP - 4A compartment - 20 hecter plantation : -In the 8.00-hectare section of the total 20.00 hectares plantation, saplings have shown resilience, with species such as Paerasaj, Kainjal, Jarul, Pamsaj, Andoki, and Arjun thriving remarkably. One row of Sal seedling after four row of misalliance seedling planted but, no one was survived due to heavy grazing of elephant. Approximately 80.00% of the saplings in this area have survived, indicating satisfactory growth. However, in the remaining 12.00 hectares, no seedlings have survived, as documented. Khairs seedlings were planted in that region, none have endured, resulting in a combined monitoring report that reflects subpar performance.

BN - 5 compartment - 10 hecter : - The seedlings of Chalta at the plantation site are thriving, and the growth of the saplings is deemed satisfactory. However, only a few saplings of Sindore and Totola have managed to survive. The overall condition of the plantation is subpar, which is evident in the low scores recorded in the monitoring report.

2. Challenges identified

CP - 4A compartment - 20 hecter : -The soil characteristics of the 12.00-hectare plot are predominantly sandy, exhibiting a lack of moisture. There are no nearby water sources to support the area. Additionally, the region is susceptible to damage from wildlife, including species such as Gaur and Elephants. Its proximity to villages such as Simlabari and Deodanga further increases the likelihood of biotic interference, particularly in the form of unauthorized grazing.

1st year Maintenance of couldnot be done properly due to non-available of fund in proper time.

In case of 10 hecter plantation at BN 5 Compt mainly Bat, Pakur, Lator, Dumar, Chalta and Sinduri were planted. All were in good survival in 1st year. All were very good fodder also.

3. Corrective measures undertaken -

No corrective Measure have been taken yet.

4. Recommendation -

The 10 Hecter plantation of BN 5 Compt. May be gape planted again with tall seed ling of non grazing spices

The 12 hector, of 20 hector plantation may be planted by Simul stumps 4m to 5 m spacing



Yours faithfully
Range Officer, Chilapata Range
Jaldapara Wildlife Division



Government of West Bengal
Directorate of Forests
Office of the Chief Conservator of Forests & Field Director,
Buxa Tiger Reserve
Alipurduar Court * Alipurduar * West Bengal - 736 122
☎ 03564-256333 (Office), 03564-255577 (Fax)
E-mail: fdbtrwb@gmail.com / ccffd-wb@nic.in

No. 21/13-1

Dated 03.01.2025

To :

The Conservator of Forests, Monitoring Circle
West Bengal.

Sub – Comment on Monitoring report

Ref- Meeting on Monitoring held on 03.12.2024


DFD BTR West's letter no- 3364/13-13 dated 30th Dec, 2024 & DFD BTR East's letter no- 15/28-1 dated 03.01.2025.

Sir,

Enclosed please find here with the report on the result monitoring of two divisions of BTR circle which is self-explanatory. Comment of respective DFOs was asked to send for the plantation which were in red category.

This is for your information and necessary action.

Encl- As stated.



Chief Conservator of Forests &
Field director, Buxa Tiger Reserve

No. 21/13-1

Dated 03.01.2025

Copy forwarded for information to-

1. The Principal Chief conservator of Forests, HoFF, West Bengal.
2. The Principal Chief conservator of Forests, Wildlife & CWLW, WB.
3. The Deputy Field Director, Buxa Tiger Reserve East.
4. The Deputy Field Director, Buxa Tiger Reserve West.


Chief Conservator of Forests &
Field director, Buxa Tiger Reserve

37/12/24
F.No.
Comp
Buxa



Office of the Field Director
Buxa Tiger Reserve

Reg. No. 04
File No. 13-01
Date 02/01/2025



Government of West Bengal
Directorate of Forests
Office of the Deputy Field Director,
Buxa Tiger Reserve (West)
Alipurduar Court * 736 122, Dist. Alipurduar.
E-mail- dfdbtrw-wb@nic.in

Memo No: 3364/13-13

Dated, Alipurduar Court, the 30th of December, 2024

To
The Chief Conservator of Forests &
Field Director,
Buxa Tiger Reserve

Sub: Enquiry Report on the monitoring of plantations falling in Red and Yellow zones in Survey Monitoring Report 2022-23-reg.

Ref: i) Your Office's letter no. 2483/13-1 dated 10.12.2024.

ii) PCCF, Research, Monitoring & Development, West Bengal's letter no. 461(32)/PCCF-RMD/2M-7(G) dated 09.12.2024.

Sir,

Kindly find attached herewith the Enquiry Report on the monitoring of plantations falling in Red and Yellow zones in Survey Monitoring Report 2022-23.

Encl: As stated

Deputy Field Director.
Buxa Tiger Reserve (West)

Enquiry Report on the monitoring of plantations falling in Red and Yellow zones in

Survey Monitoring Report 2022-23

A field enquiry of the plantations falling within 'Red' and 'Yellow' categories was conducted on 13.12.2024 and the observations were recorded. Further, the entries made in respective plantation journals were checked and correlated with the allotments made for creation and maintenance to arrive at the reasons for below par plantation performance.

A. Miscellaneous NB Plantation

1. Fifth Year Monitoring - Red Category

The Miscellaneous NB plantation of 10 Ha created in 2018-19 under BNB-1B Compartment of Bharnabari Beat, Hamiltonganj Range is falling under 'Red category' in Fifth year survey monitoring report 2022-23.

The entries made in the plantation journal are as follows:

- The said miscellaneous plantation of 10 Ha was created in 2018-19 under BNB-1 Compartment of Bharnabari Beat, Hamiltonganj Range.
- The Assistant Divisional Forest Officer who inspected the plantation on 20.10.2018 recorded that heavy infilling and further cleaning were required.
- The Range Officer, Hamiltonganj Range had recorded on 07.03.2019 that 250 nos. of seedlings were damaged by Indian Gaur.
- The Assistant Divisional Forest Officer had recorded on 10.08.2019, that the plantation condition was very poor due to heavy weed growth. Initiation of cleaning also recorded.
- The Range Officer, Hamiltonganj had recorded the issue of indiscriminate grazing by wildlife during night hours.
- The Range Officer, Hamiltonganj vide Memo No. 574/HTG-13 dated: 25.08.2020 had reported that the plantation was covered by heavy weed growth and that the mortality rate was very high.
- The Range Officer, Hamiltonganj had recorded that, allotment for 2nd year, 3rd year, 4th year and 5th year maintenance had not been received in 2020-21, 2021-22, 2022-23 and 2023-24, respectively.

A scrutiny of the division office accounts indicates that;

- Fund was allotted for 1st Year maintenance of the said plantation in 2019-20 in the head of account 23-4406-01-101-00-001-87-00-Vand maintenance was carried out.
- Fund was not allotted for 2nd Year maintenance of the said plantation in 2020-21. Maintenance fund was allotted for 3rd year in the head of account 23-4406-01-796-00-

002-V-87-00, but was not expended for this plantation due to poor condition. Administrative approval number for the fund was GO2122002863FR; dated 01-09-2021.

- No maintenance fund was allotted for 4th year.
- Maintenance fund was allotted for 5th year, but was not expended because of the poor survival percentage. The fund was allotted *vide* administrative approval no. G02324003114FR; 11-07-2023; and sanctioned *vide* no. 154 (Sanction)-For/DoFR-12011(42)/7/2023-SEC(DoFR)-DoFR; 14-07-2023, in the head of account 23-4406-01-101-00-001-V-87-00.

Conclusion:

Since the plantation area falls within the forest area frequented by elephants and Indian guar, the damage caused due to grazing by wildlife was a major issue. Due to considerable damage to the plantation due to elephant grazing and heavy weed growth during after the 1st year maintenance, further maintenance work was not taken during subsequent years. Currently, the plantation area is totally dominated by weeds.

2. First Year Monitoring -Yellow Category

The Miscellaneous NB plantation of 10 Ha created in 2022-23 under RMT-3 Compartment of Rangamati Beat, Hamiltonganj Range is falling under 'Red category' in First year survey monitoring report 2022-23.

The entries made in the plantation journal are as follows:

- The said miscellaneous plantation of 10 Ha was created in 2022-23 under RMT-3 Compartment of Rangamati Beat, Hamiltonganj Range.
- First Year Maintenance of the plantation was carried out in 2023-24.
- Fund for 2nd Year Maintenance has not been received till date in 2024-25.

A scrutiny of the division office accounts indicates that;

- Fund was allotted for 1st Year maintenance of the said plantation in 2023-24 *vide* AA :GO2324006122FR dated: 31.08.2023. Sanction cum allotment was received on 04.09.2023 and subsequently the maintenance was carried out.
- The allocation of fund for 2nd Year Maintenance has been received only recently *vide* Sanction cum Allotment Order No. 125(Sanction)-For/DOFR-12011(42)/13/2024-SEC (DOFR)-DOFR dated: 17.12.2024.

Conclusion:

- Since the plantation area falls within the forest area frequented by elephants and Indian guar, the damage caused due to grazing by wildlife was a major issue. The fund for first year maintenance was received late on 04.09.2023, after the passing of monsoon.

Therefore, the infilling work taken up subsequently was only partially successful. Whereas, release of funds for 2nd Year Maintenance has been received only recently on 17.12.2024 after the passing of monsoon. This is expected to adversely affect the survival percentage of plantation this year..

B. Fodder plantation

1. Fifth Year Monitoring - Red Category

The Fodder plantation of 40 Ha created in 2018-19 under Dima 1 Compartment of Dima Beat, West Rajabhatkhawa Range is falling under 'Red category' in Fifth year survey monitoring report 2022-23.

The entries made in the plantation journal are as follows:

- The said Fodder plantation of 40 Ha was created in 2018-19 under Dima 1 Compartment of Dima Beat, West Rajabhatkhawa Range. Energized fencing was also carried out.
- The Attached Officer, BTR, West had recorded on 06.05.2020 that the cleaning was done but there was pressure of wildlife grazing. There exists continuous elephant presence in the plantation area.
- The Assistant Divisional Forest Officer had recorded on 14.11.2020 that the energized fencing was damaged by elephants.

A scrutiny of the division office accounts indicates that;

- Fund was allotted for 1st Year maintenance of the said plantation in 2019-20 *vide* Administrative Approval no. 1920027171FDGRI; dated 03-02-2020. Sanction cum allotment was received late on 12-02-2020, after the passing of monsoon.
- As per the records, 2nd year maintenance of the said plantation was not carried out in 2020-21.

Conclusion:

- The fodder plantation was created successfully in 2018-19. The fund for first year maintenance was received very late on 12.02.2020, after the passing of monsoon. Therefore, the infilling work taken up subsequently was only partially successful. Later on, due to immense pressure of grazing by wildlife and damage of energized fencing by elephants, the survival percentage has come down. In the fifth year monitoring, it's seen that the plantation is in damaged state and weeds have dominated the fodder grasses.

2. First Year Monitoring - Yellow Category

The Fodder plantation of 10 Ha created in 2022-23 under SRVK 3 Compartment of CRVK Beat, West Rajabhatkhawa Range is falling under 'Yellow category' in First year survey monitoring report 2022-23.

The entries made in the plantation journal are as follows:

- The said Fodder plantation of 10 Ha was created in 2022-23 under SRVK 3 Compartment of CRVK Beat, West Rajabhatkhawa Range. Energized fencing was also carried out.
- The Deputy Field Director and Assistant Divisional Forest Officer had recorded during 2022-23 grazing by wildlife and damage of energized fencing.
- The Field Director, BTR had recorded on 14.04.2023 that the plantation is found in good condition, but needs cleaning.
- The first year maintenance was carried out during July and August 2023.

A scrutiny of the division office accounts indicates that;

- Fund was allotted for 1st Year maintenance of the said plantation in 2023-24 *vide* AA No.: GO2324006122FR dated: 31.08.2023. Sanction cum allotment was received on 04.09.2023.
- The allocation of fund for 2nd Year Maintenance has been received only recently *vide* Sanction cum Allotment Order No. 125(Sanction)-For/DOFR-12011(42)/13/2024-SEC (DOFR)-DOFR dated: 17.12.2024.

Conclusion:

- The fodder plantation was created successfully in 2022-23. The fund for first year maintenance was received late on 04.09.2023, after the passing of monsoon. Therefore, the infilling work taken up subsequently was only partially successful. Later on, the fencing got damaged by elephants and Indian gaurs and the survival percentage has come down. Currently, the stock is moderate and the clumps are established. Proper maintenance needs to be carried out to recover the plantation. Whereas, release of funds for 2nd Year Maintenance has been received only recently on 17.12.2024 after the passing of monsoon. This is expected to adversely affect the survival percentage of plantation this year.


Deputy Field Director
Buxa Tiger Reserve (West)



Government of West Bengal
Directorate of Forests
Office of the Deputy Field Director, Buxa Tiger Reserve (East) Division
Alipurduar Court, P.O. & Dt. Alipurduar, 736 122
Phone -(03564) 256005; Fax:: (03564) 257269, e-mail : dyfdb-wb@nic.in
Visit us at: www.westbengalforest.gov.in



No. 15/28-1

Alipurduar Court, dated 03/01/2025

From : The Deputy Field Director
Buxa Tiger Reserve (East) Division

To : The Chief Conservator of Forests and Field Director
Buxa Tiger Reserve.

Sub : Submission of field verification report of Fodder Plantation of 2022-23 Creation Year-reg.

Sir,

In reference to the subject mentioned above, please find enclosed herewith the detailed report on monitoring and present status of Fodder Plantation at DH-2 Compartment at South Rydak Beat under South Rydak Range, Buxa Tiger Reserve (East) Division.

This is for favour of your kind perusal please.

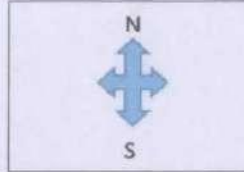
Encls: As above

(Debashish Sharma, IFS)
Deputy Field Director
Buxa Tiger Reserve (East) Division

**PLOT No.5 of 2022-23 fodder plantation
DH-2 Compartment, SRD Beat of SRD Range (20m x 20m)**

26°33'/41.17'', 89°43'/20.80''

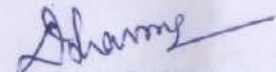
26°33'/41.20'', 26°43'/21.59''



26°33'/40.62'', 89°43'/20.65''

26°33'/40.46'', 89°43'/21.40''

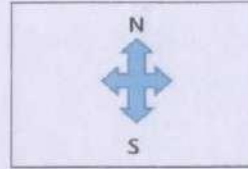
Species	1m		2m		3m		4m		5m		6m		7m		8m		9m		10m		11m		12m		13m		14m		15m		16m		17m		18m		19m		20m		
	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips			
Cheptl	1	4	1	12																																					
Dhadha																																									
Malsa																																									
Purundi																																									


 Deputy Field Director
 Buxa Tiger Reserve (East) Division

**PLOT No.6 of 2022-23 fodder plantation
DH-2 Compartment, SRD Beat of SRD Range (20m x 20m)**

26°33'45.68//, 89°43'27.95//

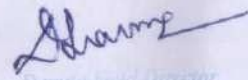
26°33'45.58//, 89°43'28.63//



26°33'45.10//, 89°43'27.72//

26°33'45.00//, 89°43'28.39//

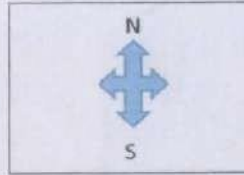
Species	1m		2m		3m		4m		5m		6m		7m		8m		9m		10m		11m		12m		13m		14m		15m		16m		17m		18m		19m		20m				
	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips					
Cheptl	1	16	1	4																																							
Dhadha																																											
Maisa																																											
Purundi																																											


 Deputy Field Director
 Buxa Tiger Reserve (East) Division

**PLOT No.7 of 2022-23 fodder plantation
DH-2 Compartment, SRD Beat of SRD Range (20m x 20m)**

26°33'48.32//, 89°43'27.89//

26°33'48.61//, 89°43'28.66//



26°33'47.69//, 89°43'28.38//

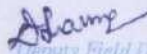
26°33'48.08//, 89°43'28.97//

Species	1m		2m		3m		4m		5m		6m		7m		8m		9m		10m		11m		12m		13m		14m		15m		16m		17m		18m		19m		20m		
	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips	No. of Chunk	No. of slips			
Chepti	1	5									1	10																													
Dhadha																																									
Malsa																																									
Purundi																																									

OBSERVATIONS:

1. The general condition of the plantation is indeed poor; however, it is not entirely NIL as stated in the draft monitoring report. This may be possible that the sample plots taken up by the monitoring team showed 0 (zero) survival rate but the same cannot be extrapolated for the whole plantation as found in sample plotting done in presence of FD BTR.
2. During the creation year of 2022-23, the administrative approval for the creation of grassland was Rs. 51768/- per Ha. However out of allotted fund of plantation Rs. 5,17,680/- for 10 Ha. Creation, the fund received for the same was only Rs. 3,37,676/-. As a result, all the post planting cleaning activities could not be taken up which resulted in the mortality of tender grass slips.
3. It has also been found from the vouchers and plantation journal that there was no provision of energized fencing in the estimate. Neither any kind of fencing was done before or after the plantation was created. The observation regarding the same was duly observed and written in plantation journal by the ADFO (Annexure-B). As a result, despite planting the slips, it was damaged by mega herbivores like Elephants and Bisons as they frequently raid the area. Comment of the Range Officer was noted in the plantation journal. (Annexure-C)
4. In the same year after plantation, due to lack of fund for maintenance the plantation already started to deteriorate. Due to no fencing, depredation of wild animals also caused heavy damage to the plantation. The same was duly noted by the then Field Director (Annexure- D). In the following year of 2023-24, fund for maintenance of the plantation was received after October 2024 and cleaning and weeding work was done accordingly (Annexure-D). Since the infilling time was already over by then and a huge chunk of weed growth had taken place, the survival of fodder was not up to the mark.

Finally, to conclude that even though the condition of the fodder plantation is in a poor state, the NIL report given in the Draft Monitoring report may be further looked into.



 Deputy Field Director
 Buxa Tiger Reserve (East) Division

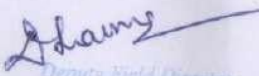
ANNEXURE- A



Shams
Deputy Field Director
Buxa Tiger Reserve (East) Division

ANNEXURE- B

Sl. No.	Remarks of Inspecting Officer with designation & signature	Action taken on remarks of Inspecting Officer
24/02/2022	<p>Visited the Grassland at Dhaura 2 Campment under South Poidak Beat over 10 ha. and found-</p> <ol style="list-style-type: none"> ① Clearing has been done. ② Planting has been completed around 4 ha. area. ③ Fencing work not started. ④ Noticed biotic pressure. Instructed to A/O SRD to complete planting as early as possible and take necessary action to protect the plantation. <p style="text-align: right;">  A.P. Srivastava 24/02/2022 </p>	


Deputy Field Director
Buxa Tiger Reserve (East) Division

ANNEXURE C

Sl. No.	Remarks of Inspecting Officer with designation & signature	Action taken on remarks of Inspecting Officer
10/1/23	visited the plantation site & found that plantation site was damaged by attack of wild elephant & Bion. Plantation site was damaged heavily. Plantation was covered by bush.	10/1/23
20/1/23	visited the plantation site & found plantation was damaged by attack of wild elephant & damage made by Bion & it was covered by bush.	20/1/23
04/10/23	visited the plantation site & found plantation clearing work is in progress. Due to heavy weeds lots of fooder died.	04/10/23
05/10/23	visited the plantation site & found that the plantation clearing work continues. Due to wild elephant & Bion plantation was damaged.	05/10/23
06/10/23	visited the plantation site & found that the plantation was damaged by heavy tree & attack of wild elephant, Bion etc.	06/10/23

Shams
Deputy Field Director
Buxa Tiger Reserve (East) Division

ANNEXURE - D

Remarks of Inspecting Officers and action taken

Sl. No.	Remarks of Inspecting Officer with designation & signature	Action taken on remarks of Inspecting Officer
13/10/2021	<p>Inspected the plot at S.E. 2 compartment, 10 ha in 14/100 sq. ft. Spots included Madha, Chupla, Luvada, Kakra etc. The food for maintenance was not placed till date. Seed quality has started suppressing the growth of desired crop. There is an immediate requirement of maintenance. The plot area is provided by relative funding.</p> <p><i>[Signature]</i> S.P.O. A.T.O.</p>	
22/10/2021	<p>Inspected the plot of the 2nd time. The plantation has been maintained as per scheduled during my last visit. The sapling plants appeared to have been grazed by wild animal & fence has been damaged by wild animal. State of saplings are there as best growth appeared to have been suppressed. After the rain appeared during. Hopefully after the first shower, the saplings shall take its growth.</p> <p><i>[Signature]</i> S.P.O. A.T.O.</p>	

[Signature]
Deputy Field Director
Buss Tiger Reserve (East) Division

ANNEXURE- E

CLEANING WORK DURING 1ST YEAR MAINTENANCE



Shams
Deputy Field Director
Buxa Tiger Reserve (East) Division

CONDITION OF THE PLANTATION AFTER SLIPS WERE PLANTED IN JULY 2022



Shammy
Deputy Field Director
Buxa Tiger Reserve (East) Division



Government of West Bengal
Directorate of Forests
Office of the Conservator of Forests, Soil Conservation (North) Circle
Sarat Bose Road, Hakimpara, P.O. Siliguri, Dist. Darjeeling
Email : cfsi-wb@nic.in



Memo No. 703/2M-42

Dated: 18/12/2024

To : The Principal Chief Conservator of Forests,
✓ Research, Monitoring & Development, West Bengal.

Sub :: Minutes of Presentation of Draft Plantation Monitoring Report 2022-23, North Bengal.

Ref :: Your good Office's memo no.461(32)/PCCF-RMD/2M-7(G),dated,09-12-2024 and DFO,Jalpaiguri S.C. Division's memo no.1602/28-15,dated,18-12-2024.

Madam,

With reference to the subject mentioned above,Please find enclosed a report submitted by DFO,Jalpaiguri S.C. Division,wherein it has been stated that the 2022 Misc. Plantation raised over 25 ha. at Marakata under Rydak Catchment Range was implemented through a tender process and a work order was issued to the successful bidder (L1 -Trade Ind.), and necessary payment was made to the Contractor for the work items that were either fully or partially executed.However the contractor failed to carry out critical item of works such as 1st to 5th Cleaning, mulching, Application of manures,fertilizers etc.Instead of completing the remaining works,the contractor submitted bills for works that was not executed on the ground,He was instructed to complete the outstanding works first and then submit the bills.However,instead of complying,he filed a Writ petition vide W.P.A. No.1903 of 2023,Trade Ind & Anr.Versus the state of West Bengal & Ors on 19-08-2023. As a result,the DFO reported being unable to undertake any initiative for 1st year maintenance works,while the case remained sub judice and following the resolution and disposal of the case by the Hon'ble Single Bench of High Court,Calcutta Circuit Bench at Jalpaiguri vide memo no.1681/13-2,dated 06-12-2023,the Contractor filed another Writ petition vide No.481 of 2024 at Hon'ble Single Bench,Calcutta Court, Circuit Bench at Jalpaiguri on 04-04-2024,which is still pending.The DFO also reported that the Monitoring (North) Division reported 12% survival in draft monitoring report and due to the gross negligence by the Contractor during the execution of plantation and the prevailing circumstances as mentioned,the maintenance works could not be undertaken.

With regard to the 2020 Misc. Plantation of 20 ha. at South Diana under Diana Catchment Range and 10 ha. at Putimari Boxibus under Mansai Catchment Range,the DFO stated that both these plantations were severely affected by floods which occurred on 10/07/2-2020 and 13-08-2023, subsequently further damaged by elephant depredation and forest fire (20 ha. at South Diana) on 11-02-2023 and since the condition and survival rate for these plantations was found to be extremely poor, and as a result,no maintenance works were undertaken in the following years.

It is to further inform that the undersigned visited 2020 Misc.Plantation of 20 ha. at South Diana under Diana Catchment Range and 10 ha. at Putimari Boxibus under Mansai Catchment Range on 05-12-2024 and 2022 Misc. Plantation raised over 25 ha. at Marakata under Rydak Catchment Range on 12-12-2024 and the survival rate observed in the field was approximately consistent with the figures mentioned in the draft Plantation monitoring report. It was also observed that the fencing around all these plantations are damaged and a solitary elephant was observed lingering within the 20 ha. Plantation at South Diana and noted that rivers are located very close to 2020 Plantations.

This is for your kind information and necessary action.

Encl : As stated.


Conservator of Forests,
Soil Conservation (North)Circle,
West Bengal.

Memo No.

Dated:

Copy forwarded for kind information to :

1. The Principal Chief Conservator of Forests & Head of Forest Force, West Bengal.
2. The Principal Chief Conservator of Forests, Wild Life & CWLW, West Bengal.
3. The Principal Chief Conservator of Forests, General, West Bengal.
4. The Addl. Principal Chief Conservator of Forests, Monitoring, West Bengal.
5. The Chief Conservator of Forests, Soil Conservation, West Bengal.
6. The Conservator of Forests, Monitoring, West Bengal.
7. The Divisional Forest Officer, Jalpaiguri & Kurseong Soil Conservation Divisions.

Sd/- T.T. Bhutta, IFS
Conservator of Forests,
Soil Conservation (North) Circle,
West Bengal.



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER, JALPAIGURI SOIL CONSERVATION DIVISION
Hakimpara, P.O & Dist- Jalpaiguri, Pin-735101
Phone & Fax No. 03561- 230294 e-mail: dfojpgsc.frd-wb@bangla.gov.in

Memo No. 1602 /28-15, Dated, Jalpaiguri, the 18-12-2024.

To :- The Conservator Of Forests,
Soil Conservation (North) Circle,
West Bengal.

Sub :- Presentation on Plantation Monitoring Report for North Bengal.

Ref. :- 1) PCCF /RMD/W.B's memo no. 461(32)/PCCF-RMD/2M-7(G) dated 09/12/2024
2) Your office memo No. 686/2M-42 dated 10-12-2024.&
3) Your office memo No. 670/2M-42 dated 03-12-2024.

Sir

With reference to the above, this is to kindly inform you that 2022 Miscellaneous Plantation site over 25 ha. at Marakata under Rydak Catchment Range was implemented through e-tendering procedure. The L1 bidder was awarded with the work order whose validity was till the end of 31st March'2023. The L1 bidder (Trade Ind.) failed to execute various work items (i.e. Application of insecticides and other chemicals, Organic manure, 1st cleaning, 1st mulching, 2nd cleaning, 3rd cleaning, 4th cleaning, 5th cleaning, etc.) as per the approved estimate of the project till 31-03-2023. At the verge of the end of the Financial Year 2022-23 the contractor submitted his final bill and after thorough verification and as per the report submitted by the concerned Range Officer, the payment was done for the work items which were executed fully or partially by him in that plantation site.

But in the meantime, before receiving the Administrative Approval for 1st year maintenance of the Financial Year 2023-24, a Writ Petition vides W.P.A No. 1903 of 2023 Trade Ind & Anr. Versus the State of West Bengal & Ors (**Annexure-1**) was filed on 11-08-2023 by the contractor. As a Writ Petition was filed to the High Court, Calcutta Circuit Bench at Jalpaiguri so the undersigned reported the matter to the Chief Conservator of Forests & Conservator of Forests, Soil Conservation (North) Circle vide this office memo No. 1349/2-76 dated 13-09-2023 (**Annexure-2**). Since the matter was under sub judice therefore 1st year maintenance work was not initiated at that time at that plantation site.

During the Financial Year 2024-25, it was observed that the plantation site was fully covered with undergrowth and weeds and also no such monitoring report was available at that time. So, the undersigned again prepared a proposal for the maintenance of that plantation site along with other plantation sites vide this office memo No. 647/2-4 dated 03-04-2024 (**Annexure-3**). But before receiving the Administrative Approval for 2nd year maintenance for the Financial Year 2024-25, the

contractor again filed another Writ Petition No.481 of 2024 at Hon'ble Single Bench, Calcutta High Court, Circuit Bench at Jalpaiguri on 04.04.2024 (**Annexure-4**) after disposal of the first Writ Petition No. 1903 of 2023 and later with the availability of the draft survival percentage of that site from the DFO, Monitoring (N) Division's memo No. 107/2M-11 dated 24-05-2024 (**Annexure-5**) in connection with the Survey Data and Survival Percentage the undersigned found that the survival percentage of this plantation site is only 12%.Therefore, the undersigned vide this office memo No. 1033/13-6 dated 12-07-2024 (**Annexure-6**) intimated that no plantation maintenance work will be performed at this site in future as the site was damaged beyond recovery due to the gross negligence from the site of the contractor at the time of creation of plantation activities and thereafter due to lack of maintenance activities. As the contractor has filed another Writ Petition, the matter is currently under sub-judice.

In case of the 2020 Miscellaneous Plantation over 20ha. at South Diana under Diana Catchment Range this plantation site suffered heavy damage due to flooding of River Diana on 10th July ,2020. In this connection an article was also published in a local newspaper on 11-07-2020.(**Annexure-7**). The Assistant Divisional Forest Officer of this Division also submitted a field visit report on 03-03-2021 stating that due to heavy rains the plantation remained waterlogged for long time and in addition the plantation site was also damaged by the elephants as per field records. This plantation site also suffered by Forest Fire on 11-02-2023 and around 2.0 ha. area got affected as reported by Range Officer, Diana Catchment Range. So, because of the mentioned circumstances, the survival percentage of that plantation site was very less and cannot be recovered so no maintenance work was undertaken at this plantation site during the Financial Year 2022-23 and 2023-24. Later as per DFO, Monitoring (N) Division's memo No. 107/2M-11 dated 24-05-2024 (Draft Survey Monitoring report for DFO's verification & comments) the survival percentage was only 8%.

The 2020 Miscellaneous Plantation over 10 ha. at Putimari Boxirbus under Mansai Catchment Range is a river side plantation which was severely affected by floods and there was a terrible flood on 13th August, 2023 as per field records (**Annexure-8**). On 13-12-2023 the Range Officer, Mansai Catchment Range has informed that due to the reasons mentioned above the survival percentage of that plantation site was very less. As the survival percentage was not favourable and found unfeasible to undertake further maintenance works, hence no maintenance work was under taken during the Financial Year 2023-24 and 2024 -25. Later, as per DFO, Monitoring (N) Division's memo No. 107/2M-11 dated 24-05-2024 (Draft Survey Monitoring report for DFO's verification & comments) the survival percentage of that plantation site was only 44%.

This is for your kind information and taking necessary action.

Enclosed: **Annexure- 1 to 8**

With regards



(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer,
Jalpaiguri Soil Conservation Division



SM
20/08/23

Annexure No. 01

(72)

Smita Sinha Mitra

Advocate
C/o. Sandeep Prasad Shaw
Advocate

Bar Association,
High Court, Calcutta
Circuit Bench at Jalpaiguri
(M) 9064516960
Email Id: smita.sinhamitra@gmail.com

Date: 19.08.2023

To,

1. The Learned Government Pleader,
High Court, Calcutta
Circuit Bench, Jalpaiguri
2. The Principal Chief Conservator of Forest and Head of Forest Force, Having its office as Aranya Bhavan, Block - LA - 10A, Salt Lake Sector - III, Kolkata - 700106, State-West Bengal.
3. The Principal Chief Conservator of Forests (Research, Monitoring & Development, West Bengal), having its office at P-16, India Exchange place extension, New CIT Building, 3rd Floor, Kolkata - 700073, State - West Bengal.
4. The Additional Principal Chief Conservator of Forest, & Chief Conservator of Forests, Soil Conservation State of West Bengal, Having its office at P-16, India Exchange place extension, New CIT Building, 3rd Floor, Kolkata - 700073, State - West Bengal.
5. The Chief Conservator of Forest, Soil Conservation (North), Circle & The Conservator of Forest, Soil Conservation (North), Circle, Having its office at Sarat Bose Road, Hakimpara, Post Office - Siliguri, District - Darjeeling, Pin - 734001, State - West Bengal.
- ✓ 6. The Divisional Forest Officer, Jalpaiguri Soil Conservation Division, Having its office at Hakimpara, Jalpaiguri, Pin - 735101, State - West Bengal.
7. The Forest Range Officer, Rydak Catchment Range, Having its office at Samuktata, District - Aalipurduar, Jalpaiguri, S.C. Division Pin - 736206, State - West Bengal.

Re: W.P.A No. 1903 of 2023
Trade Ind & Anr. Petitioners
Versus
The State of West Bengal & Ors. Respondents

Dear Sir(s),

Please find enclosed herewith the copy of an application under Article 226 of the Constitution of India alongwith all annexures thereto, which will be taken up for hearing by the Hon'ble Single Bench of the High Court, Calcutta, Circuit Bench at Jalpaiguri on 05.09.2023 or soon thereafter when the business of the Hon'ble Court will permit.

Please appear at the time of hearing and do the needful.
Thanking you,

Encl: As above.

Yours faithfully,

Smita Sinha Mitra
Advocate Jalpaiguri



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER
JALPAIGURI SOIL CONSERVATION DIVISION

Phone & Fax No. 03561 230294 E-mail: dfojgsc.frd-wb@bangla.gov.in



Memo no. 1349/276

Dated, Jalpaiguri, the 13/09/2023

✓ To: The Chief Conservator of Forests & Conservator of Forests,
Soil Conservation North Circle,
West Bengal.

Sub: Seeking necessary suggestions/guidance for undertaking 1st year maintenance works at the
plantation site over 25 ha. at Marakata under Rydak Catchment Range.

Ref: CCF & CF SC (N) W.B. Office memo no. 660(5)/B/PS-12 dated 11.09.2023 and this office memo
no. 918/2-76 dated 13.06.2023.

Sir,

With reference to the above, this is to kindly inform you that fund requisition for maintenance
of various plantation sites under this division were made by this office vide memo no. 918/2-76 dated
13.06.2023 (copy enclosed).


It is again to state that 1st year maintenance for 90 ha. Miscellaneous plantations of various
sites under this division were taken under consideration as per model estimate of Rs 30982/- per ha.
amounting Rs 2788380 for this division.

In this connection the undersigned would like to intimate you that 1st year maintenance over 25
ha miscellaneous plantation at Marakata under Rydak Catchment Range which had 80% of survival
percentage as on 31st March, 2023 where maintenance activities may be taken up but in the mean time
a writ petition is pending at High Court of Calcutta, Jalpaiguri Circuit Bench vide WPA no. 1903 of 2023
for this particular plantation site.

So, in such a situation kindly let guide the undersigned whether he will start the maintenance
work at Marakata under Rydak Catchment Range or not.

This is for your kind information and taking necessary action.

Encl: As stated


(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer
Jalpaiguri Soil Conservation Division



**GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS**

OFFICE OF THE DIVISIONAL FOREST OFFICER
JALPAIGURI SOIL CONSERVATION DIVISION
FOREST COMPLEX HAKIMPARA, JALPAIGURI, 735101

Phone : 03561-230294, e-mail: dfojgsc.frd-wb@bangla.gov.in

Memo No. 647/2-4

dated, Jalpaiguri, the 03.04.2024

To : The Chief Conservator of Forests & Conservator of Forests,
Soil Conservation North Circle,
West Bengal.

Sub : Meeting of Budget & Other important issue for the year 2024-2025.

Ref : CF, SC(N), WB's office memo no.205(4)/B/PS-21(M) dated 28.03.2024.

Sir,

With reference to the above, enclosed herewith data regarding Annual Plan Operation for the financial year 2024-25 under the State Development Scheme of Jalpaiguri Soil Conservation Division in the prescribe proforma desired by you.

This is for your kind information and taking necessary action.

Encl: As stated.

Regards,

(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer
Jalpaiguri Soil Conservation Division

o/c



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER
JALPAIGURI SOIL CONSERVATION DIVISION
FOREST COMPLEX HAKIMPARA, JALPAIGURI, 735101

Phone : 03561-230294, e-mail: dfojgsc.frd-wb@bangla.gov.in

Memo No. 647/2-4

dated, Jalpaiguri, the 03.04.2024

To : The Chief Conservator of Forests & Conservator of Forests,
Soil Conservation North Circle,
West Bengal.

Sub : Meeting of Budget & Other important issue for the year 2024-2025.

Ref : CF, SC(N), WB's office memo no.205(4)/B/PS-21(M) dated 28.03.2024.

Sir,

With reference to the above, enclosed herewith data regarding Annual Plan Operation for the financial year 2024-25 under the State Development Scheme of Jalpaiguri Soil Conservation Division in the prescribe proforma desired by you.

This is for your kind information and taking necessary action.

Encl: As stated.

Regards,

(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer
Jalpaiguri Soil Conservation Division

o/c

But the work completion certificate, Annexure P – 11 at page 55 of the Writ Petition was not clear to read and understand.

Hence, Ld. Court directed to file the completion certificate by the way of supplementary affidavit.

Therefore you are requested to accept the same.

The same would be taken up for hearing before the Circuit Bench at Jalpaiguri, High Court, Calcutta, on 22/07/2024 or any subsequently day whenever the business of Hon'ble Court will permit.

You are requested to present at the time of hearing.

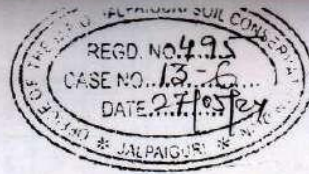
Thanking you,

Smita Sinha Mitra

Smita Sinha Mitra

Advocate

88
27/05/24



27/5

Government of West Bengal
Directorate of Forests
Office of the Divisional Forest Officer
Monitoring (North) Division

Annexure No. 05

Balaidas Chatterjee Road, Hakimganj, Jalpaiguri - 734001
Phone No. 0353-2432988 Fax No. 0353-2432966 E-mail: mon@forest.wb.gov.in
Visit us at: www.westbengal.gov.in

dated, Siliguri the 24/05/2024

No. 107 /2M.11

1. The Divisional Forest Officer, Jalpaiguri Division
2. The Divisional Forest Officer, Baikunthapur Division
3. The Divisional Forest Officer, Coochbehar Division
4. The Divisional Forest Officer, Darjeeling Wildlife Division
5. The Divisional Forest Officer, Gorumara Wildlife Division
6. The Divisional Forest Officer, Jaldapara Wildlife Division
7. The Divisional Forest Officer, Darjeeling Division
8. The Divisional Forest Officer, Kurseong Division
9. The Divisional Forest Officer, Kurseong Soil Conservation Division
10. The Divisional Forest Officer, Kalimpong Forest Division
11. The Divisional Forest Officer, Jalpaiguri Soil Conservation Division
12. The Divisional Forest Officer, Malda Forest Division
13. The Divisional Forest Officer, Raiganj Forest Division
14. The Divisional Forest Officer, Siliguri Social Forestry Division
15. The Divisional Forest Officer, Jalpaiguri Social Forestry Division
16. The Deputy Field Director, Buxa Tiger Reserve (East) Division
17. The Deputy Field Director, Buxa Tiger Reserve (West) Division
18. The Deputy Field Director, Silviculture (North) Division


Sub: Circulation of Survey Data to DFOs for verification and Comments relating to Plantations of North Bengal.

The Draft data sheets of plantations created during F.Y. 2022-23 & monitoring done in the field during F.Y. 2023-24 from funds of State Development Project as compiled are enclosed herewith for checking.

Any objection(s) should be reported in writing within 03rd June 2024, otherwise it will be assumed that you concur with the Monitoring Data, as reported.

Thereafter, Monitoring report for North Bengal will be compiled.

Enclosed As Stated.



(Smt. Uma Rani K. IFS)
Divisional Forest Officer
Monitoring (North) Division

dated, Siliguri the 24/05/2024

No. 107 /2M.11

Copy forwarded for kind information to

1. The Principal Chief Conservator of Forests, Research, Monitoring & Development, West Bengal.
2. The Addl. Principal Chief Conservator of Forests, North Bengal, West Bengal, Siliguri.
3. The Addl. Principal Chief Conservator of Forests, Research & Monitoring, West Bengal.
4. The Chief Conservator of Forests, Wildlife (North), Siliguri.
5. The Chief Conservator of Forests, Northern Circle, Jalpaiguri.
6. The Chief Conservator of Forests, Eastern Circle, West Bengal.
7. The Chief Conservator of Forests & Field Director, Buxa Tiger Reserve, West Bengal.
8. The Conservator of Forests, North West Circle, Siliguri.
9. The Conservator of Forests, Soil Conservation (N) Circle, Siliguri.
10. The Conservator of Forests, Research Circle, Siliguri.
11. The Conservator of Forests, Monitoring Circle, West Bengal.


(Smt. Uma Rani K. IFS)
Divisional Forest Officer
Monitoring (North) Division

**Division - Jalpaiguri Soil Conservation
Year - 1st Year (2022)**

Year	Division	Scheme	Range	Beat	Location	Spacing	Area(Ha)	S% 1st Year			Latitude	Longitude	H1	H2	H3	H4	Mean Ht.(cm)	S.D	C.V	Date of Survey	W.C.	Score (Ht)	Score (WSP)	Final Score
								Sal	Misc	Over All														
2022	Jalpaiguri SC	Eco Misc.	Mahananda Catchment	MHC NQ	Gourikone-2	2m x 2m	15	86	86	86	26°38'28.7"	88°25'51.7"	149	156	92	111	127	30.58	24.08	06.03.24	Misc	11	66	77
2022	Jalpaiguri SC	Eco Misc	Rydak Catchment	Khamakhag m	Marakata-4	2m x 2m	25	12	12	12	26°55'10.4 0"	89°7'78.1 1"	56	54	49	44	50.75	5.39	10.60	22.12.23	Misc	14	11	23
2022	Jalpaiguri SC	Eco Misc	Masani Catchment	Sonapur SC	Putimari busstibas	2m x 2m	16	94	94	94	26°27'37.4 1"	89°18'57.8 0"	126	55	36	72.33333333	47.44	65.58	29.02.24	Misc	2	74	76	
2022	Jalpaiguri SC	Eco Misc	Masani Catchment	Sonapur SC	Putimari busstibas	2m x 2m	9	97	97	97	26°29'40.9 1"	89°18'52.8 0"			160	54	111	89.61	72.62	29.02.24	Misc	2	74	76
2022	Jalpaiguri SC	Eco Misc	Torsa Catchment	Biradabri SC	KB-3	2m x 2m	25	93	93	93	26°36'47.5 3"	89°11'45.3 0"	62	64	93	39	64.5	22.13	24.31	29.02.24	Misc	8	75	81
							Total:-	90																

**Division - Jalpaiguri Soil Conservation
Year 3rd Year (2020)**

Year	Zone	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 1st Yr			S% 3rd Yr			GPS Reading		H(Sal)	H1	H2	H3	H4	Mean Ht.(cm)	S.D	C.V	Date of Survey	W.C.	Score (Ht)	Score (WSP)	Final Score
										Sal	Misc	Over All	Sal	Misc	Over All	Latitude	Longitude													
2020	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Rydak Catchment	Naratholi	Naratholi	2m x 2m	15				64	64	26°59'32 1"	89°7'107.18"		343	327	331	331	333	6.93	2.08	22.12.23	Misc	17	52	69	
2020	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Rydak Catchment	Naratholi	Naratholi	2m x 2m	18				61	61	26°49'46.1 1"	89°7'084.97"		339	327	314	309	322.25	13.30	4.19	23.12.23	Misc	17	50	67	
2020	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Nonasi Catchment	Sonapur SC	Putimari Busstibas	2m x 2m	10				44	44	26°29'32.6 0"	89°18'41.58"			442	316	91	283	177.81	62.83	02.02.24	Misc	6	17	23	
2020	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Daina Catchment	Gairkata SC	South Daina	2m x 2m	20				8	8	26°43'32.4 5"	88°53'35.60"		244	249	309		267.3333	36.17	13.53	06.12.23	Misc	14	11	29	
							Total:-	63																						

**Division - Jalpaiguri Soil Conservation
Year - 5th Year (2018)**

Year	Zone	Circle	Division	Scheme	Range	Beat	Location	Spacing	Area (Ha)	S% 1st Yr			S% 3rd Yr			S% 5th Yr			GPS Reading		H(Sal)	H1	H2	H3	H4	Mean Ht.(cm)	S.D	C.V	CG(S)	CG1	CG2	CG3
										Sal	Misc	Over All	Sal	Misc	Over All	Sal	Misc	Over All	Latitude	Longitude												
2018	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Torsa Catchment	Biradabri	Chitapoti	2m x 2m	30				68	68	68	26°32'49.7 8"	89°21'11.8 4"		235	298	284	320	284.75	36.82	12.67		12	15	11			
2018	NB	Soil Conservation Circle	Jalpaiguri Soil Conservation	Eco Misc	Daina Catchment	Gairkata	Rethi-1	2m x 2m	20				74	74	74	26°50'46.8 0"	89°05'49.2 3"					550	370	460.00	127.24	27.67				20		
							Total:-	50																								

№	№ п/п	№ п/п	№ п/п	№ п/п	№ п/п	№ п/п	№ п/п	№ п/п	№ п/п
1	123	123	123	123	123	123	123	123	123
2	124	124	124	124	124	124	124	124	124



Annexure No. 06

GOVERNMENT OF WEST BENGAL
DIRECTORATE OF FORESTS
OFFICE OF THE DIVISIONAL FOREST OFFICER
JALPAIGURI SOIL CONSERVATION DIVISION
HAKIMPARA, JALPAIGURI, 735101

Phone : 03561-230294 , E-mail: dfojgsc.frd-wb@bangla.gov.in



Memo No. 1033/13-6

Dated, jalpaiguri, the 12/07/2024

To :- The Chief Conservator of Forests
& Conservator of Forests
Soil Conservation (N) Circle

Sub :- Circulation of survey data to DFO's for verification and comments relating to
Plantation of North Bengal.

Ref :- DFO, Monitoring (N) Division's Office's letter no. 107/2M-11, dated 24.05.2024

Sir,

With reference to the above it has found that the final score under 1st year (2022) plantation site at Marakhata-4 over 25 Ha under Rydak Catchment Range is only 25 and overall survival percentage is 12% only. In the above mentioned scenario the undersigned would like to inform you that the maintenance activities may not be carried out this plantation site in the financial year 2024-25 and also in future as the situation of the site is beyond recovery.

If the fund of this plantation site will be allotted in future, the same will be surrendered in due course of time.

This is for your kind information and taking necessary action.


(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer
Jalpaiguri Soil Conservation Division

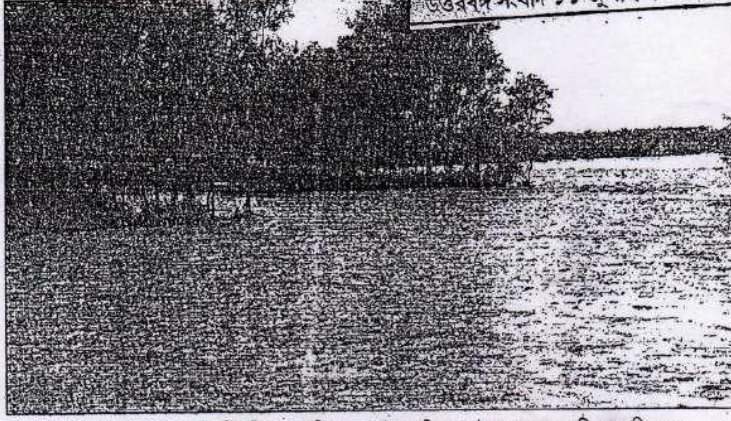
Memo No. 1033/13-6

Dated, jalpaiguri, the 12/07/2024

Copy forwarded for information to

1. The Additional Principal Chief Conservator of Forests, Research & Monitoring & Chief Conservator of Forests, Soil Conservation, West Bengal.
2. The Range Officer, Rydak Catchment Range.


(Partha Sarathi Pramanik, WBFS)
Divisional Forest Officer
Jalpaiguri Soil Conservation Division



ডায়না নদীর জলোচ্ছ্বাসে নিউ দিঘাতে মাঝিত ২০ হেক্টর জমির প্র্যাকটেশন এলাকা। ছবি: শুভজিৎ দত্ত

ডায়না নদীর জলোচ্ছ্বাসে নিউ দিঘা ক্ষতিগ্রস্ত

নাগরাকাটা, ১০ জুলাই : নাগরাকাটা ব্লকের আনোজসা-২ গ্রাম পঞ্চায়েত এলাকার, ধুমপাড়া লাগোয়া নিউ দিঘা এলাকায় ডায়না নদীর জলোচ্ছ্বাসে বন দপ্তরের লাগানো ২০ হেক্টর জমির চারা গাছ ভুবে গেছে। এর ফলে ৫৫ হাজার গাছের চারা নষ্ট হওয়ার আশঙ্কা তৈরি হয়েছে। চলতি বছরের জুন মাসেই ভূমি সংরক্ষণ বিভাগের উদ্যোগে বনসৃজনের কাজটি শেষ হয়েছিল। ফুলেকপে ওঠা নদী বর্তমানে পাড় ভেঙে ভাসিয়ে নিয়ে যাচ্ছে জঙ্গলের একের পর এক বড় গাছকেও। নদীর ভয়ংকর রূপ দেখে আতঙ্কিত বনকর্তারাও। ভূমি সংরক্ষণ বিভাগের নাগরাকাটা ক্যান্টনমেন্টের রেঞ্জার সুধেন্দু চট্টোপাধ্যায় বলেন, 'বৃহস্পতিবার রাত থেকেই নদীতে জল বাড়তে থাকে। এদিন সকালের মধ্যেই জল উপচে আমাদের প্র্যাকটেশন এলাকার ঢুকে পড়ে। ওখানে ৫৫ হাজার গাছের চারা লাগানো হয়েছিল।'

নাথুয়ার জঙ্গলের নিউ-দিঘা এলাকাটি মনো জঙ্গলের অবশিষ্ট বিচরণভূমি ছিল। বানভাসি পরিস্থিতি

জলের তলায়

ডায়না নদীর জলোচ্ছ্বাসে বন দপ্তরের লাগানো ২০ হেক্টর জমির চারা গাছ ভুবে গিয়েছে।

৫৫ হাজার গাছের চারা নষ্ট হওয়ার আশঙ্কা

তৈরি হয়েছে।

খয়ের, শিশু, জারুল, সিঁধা, পানিসাজ, পিটালি। সব ধরনের চারাই এখন জলের তলায়।

পাড় ভেঙে ভাসিয়ে নিয়ে যাচ্ছে জঙ্গলের একের পর এক বড় গাছকেও।

তৈরি হওয়ার কারণে এখন সেখানে বিপদের মুখে হাতি, বাইলন, হরিণের মতো জন্তুরাও। ডায়না নদী লাগোয়া নিউ দিঘায় যে গাছের চারা রোপণ করা হয়েছিল তার মধ্যে অন্যতম খয়ের, শিশু, জারুল, সিঁধা, পানিসাজ, পিটালি। সব ধরনের চারাই এখন জলের তলায়। নদী সেখানে অস্তিত্ব ২৫ মিটার এগিয়ে এসে বনসৃজনের ওই এলাকাকে প্রাবিত করে। প্রাশাপাশি ভূমি সংরক্ষণ বিভাগের উদ্যোগে এর আগে ২০০০ সালে সেখানে যে চারা

রোপণ করা হয়েছিল বড় হয়ে ওঠা সেই গাছগুলিও জলের তোড়ে ভেঙে ভেসে যেতে শুরু করেছে। রোপণ করা এলাকার চার পাশে তৈরি করা ফেনিংও ক্ষতিগ্রস্ত হয়েছে।

জল কমলে এরপর এলাকাটিতে ব্যাপক ভাঙন শুরু হতে পারে বলে বন দপ্তরের আশঙ্কা। গত কয়েক বছরে সেখানে বহু জমি নদীশর্তে চলে গিয়েছে। নিউ দিঘাতে এর আগে যেখানে একটি শিকনিক স্পট ছিল নদী ভাঙনে সেটির আর এখন অস্তিত্ব নেই।

Annexure No. 08





Government of West Bengal
Directorate of Forests

Office of the Conservator of Forests, Research Circle, West Bengal
P – 16, India Exchange Place Extension, New C.I.T. Building, 3rd Floor, Kol.-7.
Phone: Office – 2234-1855, 2225-7487, 2234-1856, Fax – 91-033-2234-1855
E-mail: cfresearch023@gmail.com



No : 838/2M-45

Dated : 23.12.2024

To : The Principal Chief Conservator of Forests,
Research, Monitoring & Development,
West Bengal.

Sub : Minutes of Presentation of Draft Plantation Monitoring Report 2022-23, North Bengal - *reg.*

Ref : Minutes of the meeting , no. 461 (32)/PCCF-RMD/2M-7 (G) dated 09.12.2024 & DFO/Silviculture (North) Division's letter no. 981/13-13 dated 18.12.2024.

Respected Madam,

With reference to the above subject matter and the point as mentioned in the Minutes of the Meeting regarding the Draft Plantation Monitoring Report 2022-23, I would like to bring in to your kind notice that the plantation raised by Silviculture (North) Division showed low survival percentage in one of the locations as mentioned in the detail report vide Silviculture (North) letter no 981/13-13 dated 18.12.2024 (Enclosed).

The main reason for the low survival percentage of the plantation was due to the late placement of fund, there by resulting in late planting of seedlings in the field and hence the low survival of the plantation. The late planted area also faced grazing pressure from the adjacent village areas and water logging due to which the plantation showed poor performance.


Conservator of Forests
Research Circle

No : 838/2M-45

Dated : 23.12.2024

Copy forwarded to:

1. APCCF & CCF , Research


Conservator of Forests
Research Circle



GOVERNMENT OF WEST BENGAL
Directorate of Forests
Office of the Divisional Forest Officer
Silviculture (North) Division, Siliguri
45, Ashutosh Mukherjee Road, P/O: Siliguri -734001.
Dist: Darjeeling, WB, email: dfosilvin@gmail.com


Tel & Fax: 0353 - 2432565

Memo No. 981/13-13

Dated, Siliguri, the 18/12/2024.

To
✓ The Conservator of Forests,
Research Circle, West Bengal.

Ref: 461(32)/PCCF-RMD/2M-7(G), dated: 09/12/2024

Sub:-Regarding the justification for poor performance 2022 plantation

Respected Sir,

With reference to aforementioned letter, I would like to draw your kind attention to the above cited subject and to inform you regarding some of the aspects associated with detailed monitoring report from Monitoring North Division with respect to Silviculture (North) Division 1st year (2022 plantation).

Notably, the total approved area for creation 2022 plantation under state plan under Silviculture (North) Division was 20 hector 10 hector for JRR & 10 for BCR range.

- 1) BCRR Buxa Coochbehar Research Range, (Rajabhatkhawa) total approved area 10 hectors BCR range created 3 hector was taken out of 10 hectors due to late sanction of fund allotment. 7 hectors out 10 hectors fund already surrendered. Due to small area the range Officer manage the irrigation successfully. Hence field monitoring report was obtained 92% 1st year monitoring report. At present the plantation condition is good.
- 2) JRR Jalpaiguri Research Range (Lataguri) total plantation area was allotted 10 hector but area Lt -2 forest block (plantation area) is large area. That's why they could not be able to arrange irrigation. The area also high grazing due to wild animals (bison and deer) and it is vicinity to Garumara National Park with water logged area and site selection was not appropriated. After monitoring survival percentage is 42% over 5 hector and 48% over 5 hector respectively.

Enclosed: As stated above


Divisional Forest Officer
Silviculture (North) Division


Information regarding 2022 plantation under Silviculture (North) Division with 1st year Monitoring report by DFO, Monitoring (North) Division

Sl No	Range	Beat	Location	Area	Head of Service	Type of plantation	Servable % 1st year monitoring report	Remarks
1	JRR (Jalpaiguri Research Range)	Lataguri	Lataguri -2 Forest Block	5 hectors and 5 Hectors	4406-01-101-001-87 Regn	SSO (Seedling seed orchard) Species planted - Panisaj - 5 Hectors and pacasaj -5 hector at a spacing 2 mt X 2mt =2500 seedling per hector	42% and 48% respectively	1) Late planting 2) Grazing 3) Water logged area 4) Site selection was not appropriated
2	BCRR (Buxa Coochbehar Research Range)	RajabhatKhaw a	SRVK -9	3 hectors out of 10 hectors	4406-01-101-001-87 Regn	SSO (Seedling seed orchard) Species planted - Jarul - 1hector, Lasuni Lali 1 hector, and panisaj - 1 hector at a spacing 2 mt X 2mt =2500 seedling per hector	92%	Able to manage the irrigation successfully.


 Divisional Forest Officer
 Silviculture (North) Division


Minutes of Presentation of Draft Plantation Monitoring Report 2022-23, North Bengal

The Monitoring Report Presentation was conducted in the 6th Floor of Conference Room of Aranya Bhawan on 3rd of December, 2024, from 11:00 AM in hybrid mode. The following officers physically attended:

1. Shri Debal Ray, IFS, PCCF, WL & CWLW, West Bengal.
2. Dr. Kana Talukder, IFS, PCCF, RMD, West Bengal.
3. Shri M.C. Biswas, IFS, APCCF, West Bengal.
4. Shri A.P. Singh, IFS, CCF, M & E, West Bengal.
5. Shri A.K. Dubey, IFS, CF, Monitoring Circle, West Bengal.
6. Smt. Praseeda Varrier V.V., WBFS, DFO, Monitoring (South) Division, West Bengal.

The concerned field officials of North Bengal including CCF, Northern Circle; CCF, Wildlife (North); CCF & FD, BTR, attended the Video Conference (VC) along with the respective DFOs and DFDs. The CCF, Hill Circle, had leave of absence for the meeting. However, all his DFOs attended the meeting through VC, as did the DFO, Monitoring (North) Division.

Shri Ajay Kumar Dubey, IFS, CF, Monitoring Circle, did Power Point Presentation (PPP) on the above Monitoring Report. The presentation was made Circle-wise on the performance of plantations raised with State Development Scheme (SDS) funds during 2022 (1st year monitoring), 2020 (3rd year monitoring) and 2018 (5th year monitoring). After each Circle's performance was presented, there was detailed Question & Answer Session for clarification of issues. The following were the highlights on which decisions were taken as follows:

1. **Hill Circle:** The survival percentage/performance score was excellent in Darjeeling and Kalimpong. The DFO, Kurseong had some problems in the field, on which he was requested to issue clarification in writing through CCF, Hill Circle, within 20th of December, 2024.
2. **Northern Circle:** There was poor performance in many of the plantations for which the respective DFOs were to submit written explanation through CCF, Northern Circle, for record, within 20th of December, 2024.
3. **North-West Circle:** Majority of the plantations had good performance, which was appreciated. Reasons for failure of some of the plantations were requested to be submitted in writing by concerned DFOs through CF, North-West Circle, within 20th of December, 2024.
4. **Wildlife (North) Circle:** It was noted that fodder plantations are opened up for wildlife 3rd year onwards. Therefore, 5th year monitoring is not perhaps required. **The PCCF, WL & CWLW, and PCCF, RMD, made consensus decision of not to monitor grass fodder plantations after 3rd year.** Reasons for poor performance of plantations should be clarified by respective DFOs and submitted through CCF, Wildlife (North), within 20th of December, 2024.
5. **BTR:** The DFDs BTR were requested to submit in writing reasons for failure of plantations through the FD, BTR, within 20th of December, 2024.
6. **Soil Conservation (North) Circle:** The extremely poor performance of the plantations were noted for Jalpaiguri Soil Conservation Division. **It was informed that 25 ha. of 1st year plantations of Jalpaiguri Soil Conservation failed completely and matter was sub-judice since the contractor awarded the tender had taken the Govt. to Court.** The concerned DFO should submit explanations and clarifications through CF, Soil Conservation (North) Circle, within 20th of December, 2024.

7. **Silviculture (North) Circle:** Both CF, Research Circle, and DFO, Silviculture (North) Division, were absent during VC without any prior intimation. The concerned DFO, Silviculture (North), needs to submit written reasons for the poor performance and submit through CF, Research Circle, by 20th of December, 2024. Since, Shri SSSS Sherpa, IFS, the current CF, Research Circle, had raised the plantations under consideration, as the then DFO, Silviculture (North), it was felt that he would be the best person to be able to explain the reasons.

DECISIONS:

A. Comments of field officers:

All the DFOs were requested to analyse and submit reasons about the performance of their respective plantations through the Circle-in-Charge within 20th of December, 2024, **by e-Mail only**. These will be suitably incorporated in the Monitoring Report to guide site selection for plantations, species selection for plantation etc.

B. Plantation Journal:

It was noted that maintenance of Plantation Journal was not satisfactory and often downgraded the performance score of otherwise excellent plantations. **The Circle-in-Charges were requested to take up of a drive for creation and updation of Plantation Journal.**

C. Fodder Plantation:

1st year and 3rd year monitoring of fodder/plantation would be taken up but 5th year monitoring will be dispensed with.

The excellent presentation made by Shri A.K. Dubey, IFS, supported by the DFO, Monitoring (North) Division's officials was appreciated.

The meeting ended with thanks.


(Dr. Kana Talukder, IFS)

Principal Chief Conservator of Forests
Research, Monitoring & Development, West Bengal

No.: 461(32)/PCCF-RMD/2M-7(G)

Dated: 09.12.2024

Copy forwarded to:

1. The Principal Chief Conservator of Forests & HoFF, West Bengal.
2. The Principal Chief Conservator of Forests, WL & CWLW, West Bengal.
3. The Principal Chief Conservator of Forests, General, West Bengal.
4. The Addl. Principal Chief Conservator of Forests—Wildlife/Monitoring/Research, West Bengal.
5. The Chief Conservator of Forests—Hill Circle/Northern Circle/Wildlife (North) Circle/Monitoring & Evaluation/Field Director, BTR, West Bengal.
6. The Conservator of Forests—North-West Circle/Monitoring Circle/Research Circle/Soil Conservation (North) Circle, West Bengal.
7. The Divisional Forest Officer—Darjeeling/Kalimpong/Kurseong/Baikunthapur/Jalpaiguri/Coochbehar/Darjeeling (WL)/Gorumara (WL)/Jaldapara (WL)/Kurseong Soil Conservation/Jalpaiguri Soil Conservation/Jalpaiguri Social Forestry/Siliguri Social Forestry/Raigunj/Malda/Monitoring (North)/Silviculture (North)/DFD, BTR (East & West), West Bengal.


(Dr. Kana Talukder, IFS)

Principal Chief Conservator of Forests
Research, Monitoring & Development, West Bengal



**“The cleanest way into the universe is
through a forest wilderness”**

**Survey Monitoring
Report of Plantation at
North Bengal 2022-2023**

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