

MODEL -3 - ANR MODEL FOR DRY ZONES
DATASHEET NO. 30(A) RAISING OF MONSOON PLANTATION DURING 2026-27

Name of the Division: Gadag

Circle: Dharwad

Name of the Range: Mundaragi

DDF

Name of the work: Raising of Monsoon Plantation

Unit Cost

50

82400

4120000

Location: Doni Sy No. 412 & 413-25 Ha, Doni Sy No. 160 & 161-25 Ha

Extent: 50 Ha

No. of Plants - 278 seedlings 10"x16" Size, pits - 0.75 x 0.75 x 0.75 cum

No. of PBS - 278 + 28 = 306

Espacement: 6m x 6m Extent: 1 Ha.

Sl. No.	CSSR Item NO.	Particulars of work	Qty.		Rate	Per	Amount
1	100(b)	Survey and demarcation of Plantation boundary lines after clearing the rank growth to a width of 2 m. in the areas with sparse under growth.	3600	Rmtrs.	1,542.78	Km	5,554.01
2	38(i)	Excavation of pits by mechanical means of size by 0.75m x 0.75m x 0.75m with vertically cut edges to make a uniform cube and heaping the excavated soil (1/3rd top soil on the upper side & 2/3rd on the lower side) in Ordinary soil (278 pit)	5,864.06	Pits	155.91	Cum	9,14,265.98
3	Sub Estimate	BARBED WIRE FENCING WITH WOODEN POLES	50	Ha		1	6,15,000.00
4	Sub Estimate	Cost of 10"x16" HDPE woven sacks seedlings raising, including 10% Casualty Replacement	15,300	Seedl.	61.326	1	9,38,287.80
5	LS	SMC works @ 7% of advance work	50	ha	3,462.35	1	1,73,117.50
6	29(d)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% or 100% of the pit as the case may be with the excavated soil, duly breaking the clods & arranging the remaining soil on the lower slope. 0.75 cum = 117.28 cum x 0.75 = 87.96 cum	4,398.048	Cum.	32.89	1	1,44,651.80
7	23	Loading of polythene bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site including 10% casualty replacement. (e) Seedlings raised in 10"x16" size bags(in pits)	15,300	Seedl.	6,233.91	1,000	95,378.82
8	24	Transportation of polythene bagged seedlings in hired truck from the nursery site to planting site. (e) Seedlings raised in 10"x16" size bags. (iii) Distance from 21 to 30 km. (Considering the actual distance)	15,300	Seedl.	6,555.98	1,000	1,00,306.49
9	25	Conveyance of polythene bagged seedlings on head load from the dumping site to planting location near each trench/pit. (Distance upto 3 km). (e) 10"x16" size bagged seedlings.	15,300	Seedl.	7,334.34	1,000	1,12,215.40
10	26	Watering polythene bagged seedlings at planting site by dipping in water, including carrying of water. (d) 10"x16" size bagged seedlings (This should be resorted to in dry conditions only).	15,300	Seedl.	1,320.14	1000	20,198.14
11	27	Planting of P.B. Seedlings after tearing with blade and removing the polythene bags in trench / pits including scooping the soil to required depth, pressing the soil gently around the seedlings after planting. (d) 10"x16" size bagged seedlings	15,300	Seedl.	7,074.72	1,000	1,08,243.22
12	94b	Sowing of Acacia nilotica, Bamboo, Gliricidia or other thorny species on the mounds of cattle proof trench.	3600	Rmtr	1,160.83	1,000	4,178.99
13	RQ	Purchase of NPK / DAP (25+25=50 gms per plant) 2 times	695	kg	35.98	kg	25,006.10
14	38 (e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in two equal split doses.	13,900	plants	586.52	1000	16,305.26
15	29 (e) (i)	First weeding around the plants (pits) to a radius of 60 cm.	13,900	Plants	1,833.43	1000	25,484.68
16	29 (i) (iii)	Scraping of grass and other weed growth around the plants to a radius of 60 cm (Scraping item is allowed only in grass infested areas.)	13,900	Plants	4,547.58	1000	63,211.36
17	29 (m)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to radius of 60 cm. so as to loosen the soil around the plants.	13,900	Plants	7,334.34	1000	1,01,947.33
18	wage	Protection of plantation as per the standard norms from 01-07-2026 to 31-03-2027 for 274 days (for 25 ha. as a unit during the year and pro-rata for different extent for the actual period)	274	days	620.66	day	3,40,121.68
19	82	Fire Protection work in plantations: New Fire Lines: Cutting of all existing weed growth to a width of 3 m. heaping, burning and re-burning in younger plantations.	16.5	km/ha.	3,080.34	1	50,825.61
20	LS / RQ	Providing & fixing plantation board (48"x27"x18" including painting, writing, transportation & fixing)	50	no	162.44	1	8,122.00
21	Sub Estimate	Raising of 10"x16" seedling during 2026-27 for 10% Casualty Replacement	1,400	Seedl.	61.326	1	85,856.40
		Maintenance of 10"x16" seedling till planting during 2026 rains	15,300	Seedl.	10.788	1	1,65,056.40
22	LS / RQ	Miscellaneous & rounding off			LS		6,665.03
		Total					41,20,000.00

mudali &
Assistant Conservator of Forests,
Gadag Sub -Division, Gadag

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DATASHEET NO. 30(A) RAISING OF MONSOON PLANTATION DURING 2026-27

Name of the Division: Gadag Circle: Dharwad
Name of the Range Mundaragi
Name of the work: Raising of Monsoon Plantation Unit Cost DDF 50 82400 4120000
Location Doni Sy No. 142,143 & 144-25 Ha, Dambal Fsy.No.347 & 349- 25 Ha
Extent 50 Ha
No. of Plants - 278 seedlings 10"x16" Size, pits - 0.75 x 0.75 x0.75 cum
No. of PBS - 278 + 28 =306 Espacement: 6m x 6m Extent: 1 Ha.

Sl. No.	CSSR Item NO.	Particulars of work	Qty.		Rate	Per	Amount
1	100(b)	Survey and demarcation of Plantation boundary lines after clearing the rank growth to a width of 2 m. in the areas with sparse under growth.	3600	Rmtrs.	1,542.78	Km	5,554.01
2	38(i)	Excavation of pits by mechanical means of size by 0.75m x 0.75m x 0.75m with vertically cut edges to make a uniform cube and heaping the excavated soil (1/3rd top soil on the upper side & 2/3rd on the lower side) in Ordinary soil (278 pit)	5,864.06	Pits	155.91	Cum	9,14,265.98
3	Sub Estimate	BARBED WIRE FENCING WITH WOODEN POLES	50	Ha		1	6,15,000.00
4	Sub Estimate	Cost of 10"x16" HDPE woven sacks seedlings raising, including 10% Casualty Replacement	15,300	Seedl.	61.326	1	9,38,287.80
5	LS	SMC works @ 7% of advance work	50	ha	3,462.35	1	1,73,117.50
6	29(d)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% or 100% of the pit as the case may be with the excavated soil, duly breaking the clods & arranging the remaining soil on the lower slope. 0.75 cum = 117.28 cum x 0.75 = 87.96 cum	4,398.048	Cum.	32.89	1	1,44,651.80
7	23	Loading of polythene bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site including 10% casualty replacement. (e) Seedlings raised in 10"x16" size bags(in pits)	15,300	Seedl.	6,233.91	1,000	95,378.82
8	24	Transportation of polythene bagged seedlings in hired truck from the nursery site to planting site. (e) Seedlings raised in 10"x16" size bags. (iii) Distance from 21 to 30 km. (Considering the actual distance)	15,300	Seedl.	6,555.98	1,000	1,00,306.49
9	25	Conveyance of polythene bagged seedlings on head load from the dumping site to planting location near each trench/pit. (Distance upto 3 km). (e) 10"x16" size bagged seedlings.	15,300	Seedl.	7,334.34	1,000	1,12,215.40
10	26	Watering polythene bagged seedlings at planting site by dipping in water, including carrying of water. (d) 10"x16" size bagged seedlings (This should be resorted to in dry conditions only).	15,300	Seedl.	1,320.14	1000	20,198.14
11	27	Planting of P.B. Seedlings after tearing with blade and removing the polythene bags in trench / pits including scooping the soil to required depth, pressing the soil gently around the seedlings after planting. (d) 10"x16" size bagged seedlings	15,300	Seedl.	7,074.72	1,000	1,08,243.22
12	94b	Sowing of Acacia nilotica, Bamboo, Gliricidia or other thorny species on the mounds of cattle proof trench.	3600	Rmtr	1,160.83	1,000	4,178.99
13	RQ	Purchase of NPK / DAP (25+25=50 gms per plant) 2 times	695	kg	35.98	kg	25,006.10
14	38 (e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in two equal split doses.	13,900	plants	586.52	1000	16,305.26
15	29 (e) (i)	First weeding around the plants (pits) to a radius of 60 cm.	13,900	Plants	1,833.43	1000	25,484.68
16	29 (i) (iii)	Scraping of grass and other weed growth around the plants to a radius of 60 cm (Scraping item is allowed only in grass infested areas.)	13,900	Plants	4,547.58	1000	63,211.36
17	29 (m)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to radius of 60 cm. so as to loosen the soil around the plants.	13,900	Plants	7,334.34	1000	1,01,947.33
18	wage	Protection of plantation as per the standard norms from 01-07-2026 to 31-03-2027 for 274 days (for 25 ha. as a unit during the year and pro-rata for different extent for the actual period)	274	days	620.66	day	3,40,121.68
19	82	Fire Protection work in plantations: New Fire Lines: Cutting of all existing weed growth to a width of 3 m. heaping, burning and re-burning in younger plantations.	16.5	km/ha.	3,080.34	1	50,825.61
20	LS / RQ	Providing & fixing plantation board (48"x27"x18" including painting, writing, trasportation & fixing)	50	no	162.44	1	8,122.00
21	Sub Estimate	Raising of 10"x16" seedling during 2026-27 for 10% Casualty Replacement	1,400	Seedl.	61.326	1	85,856.40
		Maintenance of 10"x16" seedling till planting during 2026 rains	15,300	Seedl.	10.788	1	1,65,056.40
22	LS / RQ	Miscellaneous & rounding off			LS		6,665.03
		Total					41,20,000.00


Assistant Conservator of Forests,
Gadag Sub -Division, Gadag

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Name of the Division: Gadag

Circle: Dharwad

Name of the Range Mundaragi

DDF

Name of the work: Raising of Monsoon Plantation

Unit Cost

25

82400

2060000

Location Attikatti Fsy.No.55 & Doni Fsy.No.161,197

Extent 25 Ha

No. of Plants - 278 seedlings 10"x16" Size, pits - 0.75 x 0.75 x 0.75 cum

No. of PBS - 278 + 28 = 306

Espacement: 6m x 6m Extent: 1 Ha.

Sl. No.	CSSR Item NO.	Particulars of work	Qty.	Rate	Per	Amount
1	100(b)	Survey and demarcation of Plantation boundary lines after clearing the rank growth to a width of 2 m. in the areas with sparse under growth.	1800 Rmtrs.	1,542.78	Km	2,777.00
2	38(i)	Excavation of pits by mechanical means of size by 0.75m x 0.75m x 0.75m with vertically cut edges to make a uniform cube and heaping the excavated soil (1/3rd top soil on the upper side & 2/3rd on the lower side) in Ordinary soil (278 pit)	2,932.03 Pits	155.91	Cum	4,57,132.99
3	Sub Estimate	BARBED WIRE FENCING WITH WOODEN POLES	25 Ha		1	3,07,500.00
4	Sub Estimate	Cost of 10"x16" HDPE woven sacks seedlings raising, including 10% Casualty Replacement	7,650 Seedl.	61.326	1	4,69,143.90
5	LS	SMC works @ 7% of advance work	25 ha	3,462.35	1	86,558.75
6	29(d)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% or 100% of the pit as the case may be with the excavated soil, duly breaking the clods & arranging the remaining soil on the lower slope. 0.75 cum = 117.28 cum x 0.75 = 87.96 cum	2,199.024 Cum.	32.89	1	72,325.90
7	23	Loading of polythene bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site including 10% casualty replacement. (e) Seedlings raised in 10"x16" size bags(in pits)	7,650 Seedl.	6,233.91	1,000	47,689.41
8	24	Transportation of polythene bagged seedlings in hired truck from the nursery site to planting site. (e) Seedlings raised in 10"x16" size bags. (iii) Distance from 21 to 30 km. (Considering the actual distance)	7,650 Seedl.	6,555.98	1,000	50,153.25
9	25	Conveyance of polythene bagged seedlings on head load from the dumping site to planting location near each trench/pit. (Distance upto 3 km). (e) 10"x16" size bagged seedlings.	7,650 Seedl.	7,334.34	1,000	56,107.70
10	26	Watering polythene bagged seedlings at planting site by dipping in water, including carrying of water. (d) 10"x16" size bagged seedlings (This should be resorted to in dry conditions only).	7,650 Seedl.	1,320.14	1000	10,099.07
11	27	Planting of P.B. Seedlings after tearing with blade and removing the polythene bags in trench / pits including scooping the soil to required depth, pressing the soil gently around the seedlings after planting. (d) 10"x16" size bagged seedlings	7,650 Seedl.	7,074.72	1,000	54,121.61
12	94b	Sowing of Acacia nilotica, Bamboo, Gliricidia or other thorny species on the mounds of cattle proof trench.	1800 Rmtr	1,160.83	1,000	2,089.49
13	RQ	Purchase of NPK / DAP (25+25=50 gms per plant) 2 times	348 kg	35.98	kg	12,503.05
14	38 (e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in two equal split doses.	6,950 plants	586.52	1000	8,152.63
15	29 (e) (i)	First weeding around the plants (pits) to a radius of 60 cm.	6,950 Plants	1,833.43	1000	12,742.34
16	29 (i) (iii)	Scraping of grass and other weed growth around the plants to a radius of 60 cm (Scraping item is allowed only in grass infested areas.)	6,950 Plants	4,547.58	1000	31,605.68
17	29 (m)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to radius of 60 cm. so as to loosen the soil around the plants.	6,950 Plants	7,334.34	1000	50,973.66
18	wage	Protection of plantation as per the standard norms from 01-07-2026 to 31-03-2027 for 274 days (for 25 ha. as a unit during the year and pro-rata for different extent for the actual period)	274 days	620.66	day	1,70,060.84
19	82	Fire Protection work in plantations: New Fire Lines: Cutting of all existing weed growth to a width of 3 m. heaping, burning and re-burning in younger plantations.	8.25 km/ha.	3,080.34	1	25,412.81
20	LS / RQ	Providing & fixing plantation board (48"x27"x18" including painting, writing, transportation & fixing)	25 no	162.44	1	4,061.00
21	Sub Estimate	Raising of 10"x16" seedling during 2026-27 for 10% Casualty Replacement	700 Seedl.	61.326	1	42,928.20
		Maintenance of 10"x16" seedling till planting during 2026 rains	7,650 Seedl.	10.788	1	82,528.20
22	LS / RQ	Miscellaneous & rounding off		LS		3,332.52
		Total				20,60,000.00


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Gadag Sub -Division, Gadag

MODEL -3 - ANR MODEL FOR DRY ZONES
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Name of the Division: Gadag

Circle: Dharwad

Name of the Range Shirahatti

DDF

Name of the work: Raising of Monsoon Plantation

Unit Cost

25

82400

2060000

Location Balehosur Fsy No.365


Extent 25 Ha

No. of Plants - 278 seedlings 10"x16" Size, pits - 0.75 x 0.75 x 0.75 cum

No. of PBS - 278 + 28 = 306

Espacement: 6m x 6m Extent: 1 Ha.

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