

# Seed Production Achievements

**2023-24**

## i Crop-wise Target / production achievements

### Abstract

Unit: quintals

S. No.	Variety	Foundation seed		Certified seed		TFL seed		Total	
		Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Paddy	5880.00	3914.08	40.00	491.85	4508.00	5744.66	10428.00	10150.59
2.	Millets	16.00	97.80	0.00	17.65	270.95	335.33	286.95	450.78
3.	Pulses	2164.00	1657.70	411.00	370.94	306.82	798.55	2881.82	2827.19
4.	Oilseeds	1141.00	140.30	200.00	399.20	223.75	582.44	1564.75	1121.94
5.	Cotton	-	-	-	-	12.00	11.39	12.00	11.39
6.	Forage crops	-	-	-	-	34.30	57.96	34.30	57.96
7.	Greenmanure	-	-	-	-	349.50	152.79	349.50	152.79
8.	Vegetable crops	-	-	-	-	163.06	150.46	163.06	150.46
9.	Other horti. crops	-	-	-	-	5.00	2.39	5.00	2.39
	<b>Total</b>	<b>9201.00</b>	<b>5809.88</b>	<b>651.00</b>	<b>1279.64</b>	<b>5873.38</b>	<b>7835.97</b>	<b>15725.38</b>	<b>14925.49</b>
10.	Turmeric (q)	-	-	-	-	150.00	120.00	150.00	120.00
11.	Sugarcane (q)	-	-	-	-	1400.00	1560.50	1400.00	1560.50
	<b>Total</b>	-	-	-	-	<b>1550.00</b>	<b>1680.50</b>	<b>1550.00</b>	<b>1680.50</b>
	<b>Grand Total</b>	<b>9201.00</b>	<b>5809.88</b>	<b>651.00</b>	<b>1279.64</b>	<b>7423.38</b>	<b>9516.47</b>	<b>17275.38</b>	<b>16605.99</b>
12.	Planting materials (Nos. in lakhs)	-	-	-	-	<b>25.62</b>	<b>26.65</b>	<b>25.62</b>	<b>26.65</b>

## ii. Variety-wise Production and Distribution of Foundation, Certified and TFL seeds

### 1.Paddy

Unit: quintals

S. No.	Variety	Foundation seed		Certified seed		TFL seed		Total	
		Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	ADT 37	420.00	203.70	-	-	20.00	176.73	440.00	380.43
2.	ADT 39	60.00	53.70	-	-	-	-	60.00	53.70
3.	ADT 42	-	-	-	-	-	2.80	-	2.80
4.	ADT 43	-	7.80	-	-	-	-	-	7.80
5.	ADT (R) 45	200.00	187.70	-	-	20.00	8.32	220.00	196.02
6.	ADT (R) 46	-	-	-	-	100.00	189.12	100.00	189.12
7.	ADT 51	40.00	70.50		143.70	375.00	362.97	415.00	577.17
8.	ADT 52	-	-	-	-	20.00	33.45	20.00	33.45
9.	ADT 53	120.00	142.80	-	-	170.00	300.90	290.00	443.70
10.	ADT 54	855.00	519.40	-	134.10	420.00	933.09	1275.00	1586.59
11.	ADT 55	100.00	-	-	-	20.00	55.70	120.00	55.70
12.	ADT 56	-	-	-	-	320.00	122.47	320.00	122.47
13.	ADT 57	-	48.00	-	-	225.00	203.16	225.00	251.16
14.	ADT 58	-	-	-	-	311.00	374.22	311.00	374.22

Unit: quintals

S. No.	Variety	Foundation seed		Certified seed		TFL seed		Total	
		Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
15.	ASD 16	230.00	420.41	40.00	-	525.00	662.08	795.00	1082.49
16.	ASD 21	-	20.00	-	-	146.00	129.20	146.00	149.20
17.	CO 43	50.00	-	-	-	-	-	50.00	-
18.	CO 48	-	-	-	-	-	1.80	-	1.80
19.	CO (R) 50	20.00	60.00	-	-	-	10.00	20.00	70.00
20.	CO 51	280.00	409.60	-	106.35	110.00	178.74	390.00	694.69
21.	CO 52	120.00	20.00	-	-	50.00	71.82	170.00	91.82
22.	CO 53	-	-	-	-	-	0.50	-	0.50
23.	CO 54	-	120.00	-	-	50.00	78.06	50.00	198.06
24.	CO 55	590.00	237.70	-	-	185.00	216.55	775.00	454.25
25.	CO 56	-	-	-	-	166.00	72.47	166.00	72.47
26.	CO 57	-	-	-	-	161.00	14.57	161.00	14.57
27.	CO 58	-	-	-	-	-	43.20	-	43.20
28.	CR 1009	-	-	-	-	-	4.50	-	4.50
29.	CR 1009 Sub 1	190.00	110.90	-	-	75.00	168.03	265.00	278.93
30.	Bhavani	-	147.00	-	-	150.00	-	150.00	147.00
31.	I.W. Ponni	270.00	762.80	-	-	60.00	49.29	330.00	812.09
32.	IR 20	50.00	38.10	-	-	-	-	50.00	38.10
33.	Paiyur 1	150.00	-	-	-	130.00	271.36	280.00	271.36
34.	TKM 9	-	-	-	-	20.00	-	20.00	-
35.	TKM 13	-	-	-	-	20.00	6.60	20.00	6.60
36.	TKM 15	-	-	-	-	64.00	47.00	64.00	47.00
37.	Anna (R) 4	-	-	-	-	10.00	17.00	10.00	17.00
38.	TPS 3	-	-	-	-	150.00	278.13	150.00	278.13
39.	TPS 5	230.00	203.47	-	107.70	200.00	276.60	430.00	587.77
40.	TRY 3	600.00	130.50	-	-	-	114.00	600.00	244.50
41.	TRY 4	15.00	-	-	-	-	-	15.00	-
42.	TRY 5	40.00	-	-	-	45.00	53.00	85.00	53.00
43.	VGD 1	1250.00	-	-	-	140.00	167.45	1390.00	167.45
44.	AD17152	-	-	-	-	-	40.78	-	40.78
45.	Mapillai Samba	-	-	-	-	10.00	9.00	10.00	9.00
46.	Traditional Rice	-	-	-	-	40.00	-	40.00	-
	<b>Total</b>	<b>5880.00</b>	<b>3914.08</b>	<b>40.00</b>	<b>491.85</b>	<b>4508.00</b>	<b>5744.66</b>	<b>10428.00</b>	<b>10150.59</b>

**2. Millets**

Unit: quintals

S. No.	Crop	Variety	Foundation seed		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Sorghum	K 8	-	-	-	-	2.00	1.00	2.00	1.00
		K 12	-	37.00	-	-	2.00	0.34	2.00	37.34
		CO 32	-	-	-	-	3.00	5.84	3.00	5.84
		Local	-	-	-	-	-	2.36	-	2.36
		<b>Total</b>	-	<b>37.00</b>	-	-	<b>7.00</b>	<b>9.54</b>	<b>7.00</b>	<b>46.54</b>

Unit: quintals

S. No.	Crop	Variety	Foundation seed		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
2.	Maize	CO 6	-	-	-	-	31.50	35.11	31.50	35.11
		COH (M) 8	-	-	-	-	20.00	17.46	20.00	17.46
		CO 8	-	-	-	-		7.71	-	7.71
		COH (M) 11	-	-	-	-	32.00	21.14	32.00	21.14
		VGIH (M) 2	-	-	-	-	-	4.08	-	4.08
		<b>Total</b>	-	-	-	-	<b>83.50</b>	<b>85.50</b>	<b>83.50</b>	<b>85.50</b>
3.	Cumbu	CO 9	-	-	-	-	-	0.84	-	0.84
		CO 10	-	-	-	-	3.00	8.87	3.00	8.87
		COH 10	-	-	-	-	5.00	7.70	5.00	7.70
		<b>Total</b>	-	-	-	-	<b>8.00</b>	<b>17.41</b>	<b>8.00</b>	<b>17.41</b>
4.	Ragi	CO 15	-	-	-	-	-	22.15	-	22.15
		Paiyur 2	16.00	-	-	-	-	20.63	16.00	20.63
		ATL 1	-	-	-	-	45.00	39.58	45.00	39.58
		<b>Total</b>	<b>16.00</b>	-	-	-	<b>45.00</b>	<b>82.36</b>	<b>61.00</b>	<b>82.36</b>
5.	Samai	ATL 1	-	-	-	-	30.00	17.76	30.00	17.76
		CO 4	-	-	-	-	10.00	13.00	10.00	13.00
		<b>Total</b>	-	-	-	-	<b>40.00</b>	<b>30.76</b>	<b>40.00</b>	<b>30.76</b>
6.	Varagu	TNAU 86	-	-	-	-	1.25	1.22	1.25	1.22
		ATL 1	-	50.00	-	-	30.00	14.72	30.00	64.72
		ATL 2	-	-	-	-	-	0.50	-	0.50
		<b>Total</b>	-	<b>50.00</b>	-	-	<b>31.25</b>	<b>16.44</b>	<b>31.25</b>	<b>66.44</b>
7.	Panivaragu	ALT 1	-	-	-	-	10.00	4.42	10.00	4.42
8.	Kuthiraivali	CO (Kv) 2	-	-	-	-	-	0.77	-	0.77
		MDU 1	-	10.80	-	17.65	25.20	25.66	25.20	54.11
		ATL 1	-	-	-	-	3.00	4.14	3.00	4.14
		<b>Total</b>	<b>0.00</b>	<b>10.80</b>	-	<b>17.65</b>	<b>28.20</b>	<b>30.57</b>	<b>28.20</b>	<b>59.02</b>
9.	Tenai	ALT 1	-	-	-	-	18.00	58.33	18.00	58.33
		<b>Millet Total</b>	<b>16.00</b>	<b>97.80</b>	-	<b>17.65</b>	<b>270.95</b>	<b>335.33</b>	<b>286.95</b>	<b>450.78</b>

### 3. Pulses

Unit: quintals

S. No.	Crop	Variety	Foundation seed		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Redgram	CO 8	10.00	3.05	-	-	-	-	10.00	3.05
		CO 9	5.00	-	-	-	-	-	5.00	-
		VBN 3	-	-	-	-	1.32	0.90	1.32	0.90
		<b>Total</b>	<b>15.00</b>	<b>3.05</b>	-	-	<b>1.32</b>	<b>0.90</b>	<b>16.32</b>	<b>3.95</b>
2.	Blackgram	ADT 3	-	-	-	-	5.00	0.34	5.00	0.34
		ADT 6	-	-	-	-	15.00	2.78	15.00	2.78
		ADT 7	-	-	-	-	15.00	5.33	15.00	5.33
		CO 7	32.00	7.10	-	-	-	-	32.00	7.10
		VBN 8	535.50	352.80	34.00	78.48	40.50	58.04	610.00	489.32

Unit: quintals

S. No.	Crop	Variety	Foundation seed		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
	Blackgram	VBN 9	30.00	0.84	20.00	-	-	15.00	50.00	15.84
		VBN 10	79.00	65.43	55.00	11.61	-	12.00	134.00	89.04
		VBN 11	1115.00	1158.72	290.00	279.35	97.50	107.75	1502.50	1545.82
		<b>Total</b>	<b>1791.50</b>	<b>1584.89</b>	<b>399.00</b>	<b>369.44</b>	<b>173.00</b>	<b>201.24</b>	<b>2363.50</b>	<b>2155.57</b>
3.	Greengram	CO 8	27.00	34.81	-	-	5.00	1.30	32.00	36.11
		VBN 4	120.00	12.68	-	-	11.00	3.75	131.00	16.43
		VBN 5	160.50	8.03	12.00	-	12.00	462.87	184.50	470.90
		VBN 6	-	-	-	-	10.00	5.00	10.00	5.00
		<b>Total</b>	<b>307.50</b>	<b>55.52</b>	<b>12.00</b>	<b>-</b>	<b>38.00</b>	<b>472.92</b>	<b>357.50</b>	<b>528.44</b>
4.	Cowpea	VBN 3	50.00	14.24	-	-	14.50	4.17	64.50	18.41
		VBN 4	-	-	-	-	10.00	3.00	10.00	3.00
		<b>Total</b>	<b>50.00</b>	<b>14.24</b>	<b>-</b>	<b>-</b>	<b>24.50</b>	<b>7.17</b>	<b>74.50</b>	<b>21.41</b>
5.	Horsegram	Paiyur 2	-	-	-	1.50	35.00	54.32	35.00	55.82
6.	Mothbean	TMV 1	-	-	-	-	35.00	62.00	35.00	62.00
		<b>Pulses Total</b>	<b>2164.00</b>	<b>1657.70</b>	<b>411.00</b>	<b>370.94</b>	<b>306.82</b>	<b>798.55</b>	<b>2881.82</b>	<b>2827.19</b>

#### 4. Oilseeds

Unit: quintals

S. No.	Crop	Variety	Foundation		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Groundnut	CO 7	400.00	-	-	216.47	-	-	400.00	216.47
		VRI 8	100.00	-	-	13.50	-	-	100.00	13.50
		VRI 9	50.00	1.90	-	-	20.00	-	70.00	1.90
		VRI 10	150.00	119.00	-	-	52.00	365.95	202.00	484.95
		VRI 11	-	-	-	-	3.00	54.33	3.00	54.33
		TMV 13	-	-	-	-	7.00	7.00	7.00	7.00
		TMV 14	-	-	-	-	17.00	15.00	17.00	15.00
		GG 7	-	-	-	-	-	2.80	-	2.80
		GJG	-	6.56	-	-	-	-	-	6.56
		Kadiri Lepakshi	-	3.34	-	-	-	20.00	-	23.34
		<b>Total</b>	<b>1120.00</b>	<b>130.80</b>	<b>-</b>	<b>229.97</b>	<b>99.00</b>	<b>475.08</b>	<b>1219.00</b>	<b>835.85</b>
2.	Sesame	VRI 4	15.00	8.00	-	-	1.00	3.70	16.00	11.70
		VRI 5	-	-	-	-	5.00	-	5.00	-
		TMV 3	-	-	-	-	5.00	-	5.00	-
		TMV 4	-	-	-	-	2.50	2.50	2.50	2.50
		TMV 5	-	-	-	-	1.00	0.06	1.00	0.06
		TMV 6	-	-	-	-	2.50	21.04	2.50	21.04
		TMV 7	6.00	-	-	-	27.50	9.55	33.50	9.55
		<b>Total</b>	<b>21.00</b>	<b>8.00</b>	<b>-</b>	<b>-</b>	<b>44.50</b>	<b>36.85</b>	<b>65.50</b>	<b>44.85</b>

Unit: quintals

S. No.	Crop	Variety	Foundation		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
3.	Castor	YRCH 1	-	-	200.00	169.23	1.50	51.28	201.50	220.51
		YRCH 2	-	-	-	-	50.00	1.28	50.00	1.28
		YTP 1	-	-	-	-	20.00	12.00	20.00	12.00
		SK 215	-	1.50	-	-	0.25	-	0.25	1.50
		<b>Total</b>	-	<b>1.50</b>	<b>200.00</b>	<b>169.23</b>	<b>71.75</b>	<b>64.56</b>	<b>271.75</b>	<b>235.29</b>
4.	Sunflower	COH 3 / COH 4	-	-	-	-	8.50	5.95	8.50	5.95
<b>Oilseeds Total</b>			<b>1141.00</b>	<b>140.30</b>	<b>200.00</b>	<b>399.20</b>	<b>223.75</b>	<b>582.44</b>	<b>1564.75</b>	<b>1121.94</b>

## 5. Cotton

Unit: quintals

S. No.	Variety	TFL seed	
		Target	Prodn.
1.	CO 17	10.00	10.50
2.	SVPR 6	1.00	0.37
3.	KC 3	1.00	0.52
	<b>Total</b>	<b>12.00</b>	<b>11.39</b>

## 6. Forage crops

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
1.	Fodder sorghum	CO (FS) 29	1.00	1.50
		CO (FS) 31	12.50	20.19
		CSV33MF	2.50	3.03
2.	Fodder maize	African tall	12.30	21.24
3.	<i>Desmanthus</i>	CO 1	1.00	1.00
		CO 3	1.00	1.68
4.	Velimasal	CO 1	3.00	7.46
		CO 2	0	0.04
5.	Agathi	-	1.00	1.82
	<b>Total</b>		<b>34.30</b>	<b>57.96</b>

## 7. Green manure crops

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
1.	Sunnhemp	CO 1	-	34.97
		CO 2	-	4.45
		Local	5.00	18.40
		ADT 1	285.00	30.59
		TRY 1	-	9.15
		<b>Total</b>	<b>290.00</b>	<b>97.56</b>
2.	Daincha	Local	59.50	35.23
		TRY 1	-	20.00
		<b>Total</b>	<b>59.50</b>	<b>55.23</b>
	<b>Green manure Total</b>		<b>349.50</b>	<b>152.79</b>

## 8. Vegetable crops

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
1.	Tomato	PKM 1	5.95	3.23
		Hybrid CO 4	0.20	0.20
		<b>Total</b>	<b>6.15</b>	<b>3.43</b>
2.	Chilli	K 1	2.50	0.25
		Hybrid CO 1	0.20	1.63
		PLR 1	1.00	0.09
		KKM 1		9.00
		<b>Total</b>	<b>3.70</b>	<b>10.97</b>
3.	Ash gourd	CO 1	2.55	0.79
4.	Snake gourd	PKM 1		0.17
		PLR 1	1.50	0.56
		PLR 2	1.00	0.37
		CO 2		3.59
		COH 1	1.00	2.10
		<b>Total</b>	<b>3.50</b>	<b>6.79</b>
5.	Bitter gourd	CO 1	6.00	5.22
6.	Bottle gourd	Hybrid CO 1	1.00	15.59
		PLR 1	1.50	1.13
		PLR 2	1.00	1.53
		<b>Total</b>	<b>3.50</b>	<b>18.25</b>
7.	Ridge gourd	PKM 1	0.50	0.33
		COH 1	2.00	4.75
		MDU 1	0.25	0.30
		<b>Total</b>	<b>2.75</b>	<b>5.38</b>

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
8.	Bhendi	Hybrid CO 4	44.00	23.14
		Arka Anamika	2.50	3.36
		<b>Total</b>	<b>46.50</b>	<b>26.50</b>
9.	Brinjal	CO 2	3.50	3.55
		PLR 1	0.50	0.20
		PLR 2	2.00	1.33
		Annamalai	2.50	0.92
		VRM 1	1.20	0.01
		VRM 2		0.03
		KKM 1	0.35	0.18
		<b>Total</b>	<b>10.05</b>	<b>6.22</b>
10.	Annual moringa	PKM 1	13.75	13.95
		PKM 2	0.05	0.04
		<b>Total</b>	<b>13.80</b>	<b>13.99</b>
11.	Amaranthus	CO 1	1.50	0.49
		CO 2	1.50	10.35
		CO 3	1.00	0.03
		PLR 1	1.25	0.60
		<b>Total</b>	<b>5.25</b>	<b>11.47</b>
12.	Cluster bean	MDU 1	12.16	12.26
13.	Lab lab	CO (Gb) 14	5.00	12.19
14.	Onion	CO (On) 5	18.50	5.32
		CO 6	16.00	3.26
		<b>Total</b>	<b>34.50</b>	<b>8.58</b>
15.	Pumpkin	CO 1	0.50	0.09
		CO 2	2.00	0.13
		<b>Total</b>	<b>2.50</b>	<b>0.22</b>
16.	Vegetable cowpea	PKM 1	3.00	0.74
17.	Papaya	CO 8	0.15	0.14
18.	Manathakali	CO 1		0.75
19.	Palak	All green	1.00	3.09
20.	Radish	Pusa chetki	1.00	3.48
		<b>Veg. Total</b>	<b>163.06</b>	<b>150.46</b>
	<b>Other crops</b>			
21.	Coriander	CO 4	5.00	1.02
22.	Double beans seeds	-	-	0.01
23.	Garlic seed bulbs	Ooty 2	-	0.09
24.	Lupin seeds	HRS, Ooty	-	1.27
		<b>Other crops Total</b>	<b>5.00</b>	<b>2.39</b>

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prod.
25.	Turmeric	BSR 2, BSR 3	150.00	120.00
26.	Sugarcane (Seed cane)	-	1400.00	1560.50
		<b>Total</b>	<b>1550.00</b>	<b>1680.50</b>

## 9. Planting materials

(in numbers)

Crop	Target	Production
Sugarcane Seedlings (Number)	6,500	6,820
Forage slips / cuttings	14,93,500	12,33,470
Coconut Seedlings & seed nuts	1,17,200	2,54,356
Horticultural Crops	7,65,700	8,58,674
Medicinal and Aromatic plants	24,950	64,170
Tree seedlings	1,54,000	2,47,897
<b>Total</b>	<b>25,61,850</b>	<b>26,65,387</b>