

# Seed Production Achievements

**2022-23**

## Crop wise target / production achievements

### i. Abstract

Unit: quintals

S. No.	Variety	Foundation seed		Certified seed		TFL seed		Total	
		Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Paddy	3174.00	3331.43	85.00	93.72	4595.00	5558.31	7854.00	8983.46
2.	Millets	15.00	16.00	-	-	206.60	243.93	221.60	259.93
3.	Pulses	1929.00	1966.05	1682.50	1718.38	225.00	253.94	3836.50	3938.37
4.	Oilseeds	377.00	495.97	360.00	379.16	204.00	231.02	941.00	1106.15
5.	Cotton	-	-	-	-	13.00	14.01	13.00	14.01
6.	Forage crops	-	-	-	-	28.50	39.03	28.50	39.03
7.	Greenmanure	16.00	17.85	-	-	65.00	75.17	81.00	93.02
8.	Vegetable crops	-	-	-	-	136.66	168.22	136.66	168.22
9.	Other horti. crops	-	-	-	-	-	6.07	0.00	6.07
	<b>Total</b>	<b>5511.00</b>	<b>5827.30</b>	<b>2127.50</b>	<b>2191.26</b>	<b>5473.76</b>	<b>6589.70</b>	<b>13112.26</b>	<b>14608.26</b>
10.	Turmeric (q)	-	-	-	-	50.00	52.24	50.00	52.24
11.	Sugarcane (q)	-	-	-	-	2000.00	2384.11	2000.00	2384.11
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2050.00</b>	<b>2436.35</b>	<b>2050.00</b>	<b>2436.35</b>
	<b>Grand Total</b>	<b>5511.00</b>	<b>5827.30</b>	<b>2127.50</b>	<b>2191.26</b>	<b>7523.76</b>	<b>9026.05</b>	<b>15162.26</b>	<b>17044.61</b>
12.	Planting materials (Nos. in lakhs)	-	-	-	-	25.41	25.49	25.41	25.49

### ii. Details of seed production

#### 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	150.00	171.00	-	-	80.00	84.85	230.00	255.85
2.	ADT 39	50.00	51.00	-	-	-	-	50.00	51.00
3.	ADT 43	40.00	46.50	-	-	-	-	40.00	46.50
4.	ADT (R) 45	160.00	167.40	-	-	990.00	1680.50	1150.00	1847.90
5.	ADT (R) 46	-	-	-	-	270.00	290.81	270.00	290.81
6.	ADT 51	-	-	-	-	320.00	334.23	320.00	334.23
7.	ADT 52	-	-	-	-	10.00	12.90	10.00	12.90
9.	ADT 53	30.00	30.90	-	-	450.00	489.30	480.00	520.20
8.	ADT 54	370.00	380.40	-	-	160.00	172.20	530.00	552.60
10.	ADT 55	-	-	-	-	18.00	20.28	18.00	20.28
11.	ADT 56	-	-	-	-	35.00	40.90	35.00	40.90
12.	ADT 57	40.00	47.35	-	-	50.00	54.49	90.00	101.84
13.	ASD 16	650.00	676.80	35.00	40.00	380.00	390.50	1065.00	1107.30
14.	CO 50	-	-	-	-	5.00	5.00	5.00	5.00
15.	CO 51	350.00	383.10	-	-	130.00	154.07	480.00	537.17
16.	CO 52	-	-	-	-	30.00	36.22	30.00	36.22

Unit: quintals

S. No.	Variety	Foundation seed		Certified seed		TFL seed		Total	
		Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
17.	CO 53	-	-	-	-	2.00	2.00	2.00	2.00
18.	CO 54	-	-	-	-	30.00	35.50	30.00	35.50
19.	CO 55	4.00	4.40	-	-	160.00	165.35	164.00	169.75
20.	CR 1009 Sub 1	120.00	127.42	25.00	28.50	200.00	206.80	345.00	362.72
21.	I.W. Ponni	780.00	793.43	-	-	140.00	161.53	920.00	954.96
22.	Paiyur 1	-	-	-	-	220.00	224.90	220.00	224.90
23.	TKM 9	-	-	-	-	20.00	23.00	20.00	23.00
24.	TKM 13	20.00	22.50	20.00	20.20	80.00	81.00	120.00	123.70
25.	TKM 15	-	-	-	-	35.00	37.26	35.00	37.26
26.	TKM 16	40.00	41.03	-	-	-	-	40.00	41.03
27.	Anna (R) 4	-	-	-	-	10.00	12.50	10.00	12.50
28.	TPS 3	-	-	-	-	120.00	134.50	120.00	134.50
29.	TPS 5	100.00	103.20	-	-	230.00	240.68	330.00	343.88
30.	TRY 1	-	-	-	-	8.00	9.80	8.00	9.80
31.	TRY 2	-	-	-	-	2.00	3.75	2.00	3.75
32.	TRY 3	180.00	190.00	-	-	160.00	183.00	340.00	373.00
33.	TRY 4	-	-	-	-	20.00	23.54	20.00	23.54
34.	TRY 5	-	-	5.00	5.02	80.00	83.65	85.00	88.67
35.	VG D 1	90.00	95.00	-	-	150.00	163.30	240.00	258.30
	<b>Total</b>	<b>3174.00</b>	<b>3331.43</b>	<b>85.00</b>	<b>93.72</b>	<b>4595.00</b>	<b>5558.31</b>	<b>7854.00</b>	<b>8983.46</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	2.80	2.00	2.80
		K 12	-	-	-	-	4.00	4.48	4.00	4.48
		CO 30	-	-	-	-	0.20	0.54	0.20	0.54
		CO 32	-	-	-	-	1.00	1.55	1.00	1.55
		<b>Total</b>	-	-	-	-	<b>7.20</b>	<b>9.37</b>	<b>7.20</b>	<b>9.37</b>
2.	Maize	COH (M) 8	-	-	-	-	35.00	40.34	35.00	40.34
		TNAU maize hybrid CO 6	-	-	-	-	20.00	24.77	20.00	24.77
		<b>Total</b>	-	-	-	-	<b>55.00</b>	<b>65.11</b>	<b>55.00</b>	<b>65.11</b>
3.	Cumbu	CO 9	-	-	-	-	0.50	0.56	0.50	0.56
		Hy. CO 9	-	-	-	-	0.50	1.20	0.50	1.20
		CO 10	-	-	-	-	5.00	6.10	5.00	6.10
		<b>Total</b>	-	-	-	-	<b>6.00</b>	<b>7.86</b>	<b>6.00</b>	<b>7.86</b>
4.	Ragi	Paiyur 2	15.00	16.00	-	-	12.00	13.05	27.00	29.05
		CO 9	-	-	-	-	0.10	0.21	0.10	0.21
		CO 14	-	-	-	-	0	0.03	0.00	0.03
		CO 15	-	-	-	-	12.00	15.17	12.00	15.17
		ATL 1	-	-	-	-	10.00	13.38	10.00	13.38
		<b>Total</b>	<b>15.00</b>	<b>16.00</b>	-	-	<b>34.10</b>	<b>41.84</b>	<b>49.10</b>	<b>57.84</b>

Unit: quintals

S. No.	Crop	Variety	Foundation seed		Certified seed		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.	Target	Prodn.
5.	Samai	ATL 1	-	-	-	-	15.50	17.00	15.50	17.00
		CO 4	-	-	-	-	18.00	19.16	18.00	19.16
		<b>Total</b>	-	-	-	-	<b>33.50</b>	<b>36.16</b>	<b>33.50</b>	<b>36.16</b>
6.	Varagu	TNAU 86	-	-	-	-	3.50	4.17	3.50	4.17
		ATL 1	-	-	-	-	25.00	28.21	25.00	28.21
		APK 1	-	-	-	-	4.00	4.98	4.00	4.98
		<b>Total</b>	-	-	-	-	<b>32.50</b>	<b>37.36</b>	<b>32.50</b>	<b>37.36</b>
7.	Panivaragu	ATL 1	-	-	-	-	5.00	5.55	5.00	5.55
8.	Kuthiraivali	CO (Kv) 2	-	-	-	-	2.00	2.64	2.00	2.64
		MDU 1	-	-	-	-	0.30	0.31	0.30	0.31
		MDU 2	-	-	-	-	10.00	12.00	10.00	12.00
		<b>Total</b>	-	-	-	-	<b>12.30</b>	<b>14.95</b>	<b>12.30</b>	<b>14.95</b>
9.	Tenai	CO (Te) 7	-	-	-	-	1.00	1.20	1.00	1.20
		ATL 1	-	-	-	-	20.00	24.53	20.00	24.53
		<b>Total</b>	-	-	-	-	<b>21.00</b>	<b>25.73</b>	<b>21.00</b>	<b>25.73</b>
		<b>Millets Total</b>	<b>15.00</b>	<b>16.00</b>	-	-	<b>206.60</b>	<b>243.93</b>	<b>221.60</b>	<b>259.93</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	3.00	3.05	2.50	4.50	-	-	5.50	7.55
		CO 7	-	-	-	-	1.00	1.35	1.00	1.35
		LRG 52	6.00	7.48	-	-	-	-	6.00	7.48
		BSR 1	-	-	-	-	1.00	1.90	1.00	1.90
		APK 1	-	-	-	-	2.00	2.30	2.00	2.30
		<b>Total</b>	<b>9.00</b>	<b>10.53</b>	<b>2.50</b>	<b>4.50</b>	<b>4.00</b>	<b>5.55</b>	<b>15.50</b>	<b>20.58</b>
2.	Blackgram	ADT 3	-	-	-	-	-	0.69	0.00	0.69
		ADT 6	-	-	-	-	5.00	5.88	5.00	5.88
		ADT 7	-	-	-	-	6.00	7.39	6.00	7.39
		VBN 8	580.00	598.47	1100.00	1104.77	80.00	84.45	1760.00	1787.69
		VBN 10	25.00	26.60	10.00	11.61	1.00	1.42	36.00	39.63
		VBN 11	1185.00	1190.02	450.00	467.66	45.00	48.45	1680.00	1706.13
		MDU 1	-	-	30.00	33.25	10.00	15.01	40.00	48.26
		<b>Total</b>	<b>1790.00</b>	<b>1815.09</b>	<b>1590.00</b>	<b>1617.29</b>	<b>147.00</b>	<b>163.64</b>	<b>3527.00</b>	<b>3596.02</b>
3.	Greengram	CO 7	-	-	-	-	-	0.23	-	0.23
		CO 8	80.00	83.74	35.00	39.69	5.00	6.09	120.00	129.52
		VBN 2	-	-	-	-	-	0.63	-	0.63
		VBN 4	40.00	42.57	25.00	26.52	5.50	7.26	70.50	76.35
		VBN 5	-	-	-	-	2.50	3.95	2.50	3.95
		<b>Total</b>	<b>120.00</b>	<b>126.31</b>	<b>60.00</b>	<b>66.21</b>	<b>13.00</b>	<b>18.16</b>	<b>193.00</b>	<b>210.68</b>
4.	Cowpea	VBN 3	10.00	14.12	30.00	30.38	1.00	1.95	41.00	46.45
5.	Horsegram	Paiyur 2	-	-	-	-	40.00	41.11	40.00	41.11
6.	Mothbean	TMV 1	-	-	-	-	20.00	23.53	20.00	23.53
		<b>Pulses Total</b>	<b>1929.00</b>	<b>1966.05</b>	<b>1682.50</b>	<b>1718.38</b>	<b>225.00</b>	<b>253.94</b>	<b>3836.50</b>	<b>3938.37</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	10.00	10.75	150.00	155.95	-	-	160.00	166.70
		VRI 8	120.00	125.30	10.00	13.50	-	-	130.00	138.80
		VRI 10	-	-	-	-	90.00	101.90	90.00	101.90
		BSR 2	40.00	40.75	-	-	-	-	40.00	40.75
		TMV 13	-	-	-	-	4.00	4.72	4.00	4.72
		TMV 14	-	89.25	-	-	30.00	34.94	30.00	124.19
		GJG 31	22.00	25.30	-	-	-	-	22.00	25.30
		K 1812	185.00	204.62	-	-	-	-	185.00	204.62
		Kadiri Lepakshi	-	-	-	-	1.50	2.00	1.50	2.00
		Dharani	-	-	-	-	2.00	4.90	2.00	4.90
		<b>Total</b>	<b>377.00</b>	<b>495.97</b>	<b>160.00</b>	<b>169.45</b>	<b>127.50</b>	<b>148.46</b>	<b>664.50</b>	<b>813.88</b>
2.	Sesame	SVPR 1	-	-	-	-	0.20	0.26	0.20	0.26
		TMV 3	-	-	-	-	0.30	0.36	0.30	0.36
		TMV 4	-	-	-	-	1.00	1.50	1.00	1.50
		TMV 6	-	-	-	-	1.00	1.28	1.00	1.28
		TMV 7	-	-	-	-	1.50	1.61	1.50	1.61
		VRI 4	-	-	-	-	2.50	3.00	2.50	3.00
		<b>Total</b>	-	-	-	-	<b>6.50</b>	<b>8.01</b>	<b>6.50</b>	<b>8.01</b>
3.	Castor	YRCH 1	-	-	175.00	180.35	35.00	36.16	210.00	216.51
		YRCH 2	-	-	20.00	23.21	30.00	33.21	50.00	56.42
		TMV 6	-	-	-	-	-	0.08	-	0.08
		<b>Total</b>	-	-	<b>195.00</b>	<b>203.56</b>	<b>65.00</b>	<b>69.45</b>	<b>260.00</b>	<b>273.01</b>
4.	Sunflower	COH 3	-	-	5.00	6.15	5.00	5.10	10.00	11.25
		<b>Oilseeds Total</b>	<b>377.00</b>	<b>495.97</b>	<b>360.00</b>	<b>379.16</b>	<b>204.00</b>	<b>231.02</b>	<b>941.00</b>	<b>1106.15</b>

#### 5. Cotton

Unit: quintals

S. No.	Variety	TFL seed	
		Target	Prodn.
1.	CO 17	9.50	9.79
2.	SVPR 4	0.50	0.90
3.	SVPR 5	-	0.05
4.	SVPR 6	2.00	2.20
5.	K 12	0.50	0.50
6.	KC 3	0.50	0.57
	<b>Total</b>	<b>13.00</b>	<b>14.01</b>

#### 6. Forage crops

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
1.	Perennial Fodder Sorghum	CO (FS) 29	-	1.02
		CO 31	12.00	15.09
2.	Fodder sorghum	CO 31	0.50	1.04
		CSV33MF	1.00	1.68
3.	Fodder cowpea	TNFC 0926	0.30	0.44
4.	Fodder maize	African Tall	1.00	1.90
5.	<i>Desmanthus</i>	CO 1	10.00	12.56
		CO 2	0.50	0.82

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
6.	Agathi	-	1.50	2.16
7.	Lucerne	CO 3	1.00	1.23
8.	Subbabul	-	0.50	0.61
9.	Velimasal	CO 1	0.20	0.48
<b>Total</b>			<b>28.50</b>	<b>39.03</b>

**7. Green manure crops**

Unit: quintals

S. No.	Crop	Variety	Foundation		TFL seed		Total	
			Target	Prodn.	Target	Prodn.	Target	Prodn.
1.	Sunnhemp	CO 1	1.00	1.85	30.00	34.62	31.00	36.47
		Local	-	-	10.00	11.55	10.00	11.55
<b>Total</b>			<b>1.00</b>	<b>1.85</b>	<b>40.00</b>	<b>46.17</b>	<b>41.00</b>	<b>48.02</b>
2.	Daincha	Local	15.00	16.00	25.00	29.00	40.00	45.00
<b>Grand Total</b>			<b>16.00</b>	<b>17.85</b>	<b>65.00</b>	<b>75.17</b>	<b>81.00</b>	<b>93.02</b>

**8. Vegetable crops**

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
1.	Tomato	PKM 1	3.00	3.19
		Hy. CO 4	-	0.02
		<b>Total</b>	<b>3.00</b>	<b>3.21</b>
2.	Chilli	Hybrid CO 1	0.20	0.28
		K 1	3.00	3.42
		PLR 1	0.50	0.69
		PKM 1	0.05	0.12
		<b>Total</b>	<b>3.75</b>	<b>4.51</b>
3.	Ash gourd	CO 1	0.50	1.19
4.	Snake gourd	PKM 1	0.20	0.27
		PLR 1	1.00	1.05
		PLR 2	0.50	0.59
		CO 2	1.00	1.38
<b>Total</b>			<b>2.70</b>	<b>3.29</b>
5.	Bottle gourd	Hybrid CO 1	4.00	5.71
		PLR 1	0.50	0.82
		PLR 2	0.50	0.64
<b>Total</b>			<b>5.00</b>	<b>7.17</b>
6.	Bitter gourd	CO 1	6.10	7.84
7.	Ridge gourd	PKM 1	0.50	0.57
		COH 1	3.00	4.08
		<b>Total</b>	<b>3.50</b>	<b>4.65</b>
8.	Bhendi	Hybrid CO 4	25.00	28.69
		Arka anamika	1.50	2.03
		<b>Total</b>	<b>26.50</b>	<b>30.72</b>
9.	Brinjal	CO 2	6.50	7.75
		PLR 1	0.50	0.89

Unit: quintals

S. No.	Crop	Variety	TFL seed	
			Target	Prodn.
	Brinjal	PLR 2	1.50	1.63
		Annamalai	2.00	2.20
		KKM 1	0.20	0.50
		MDU 1	0.10	0.19
		<b>Total</b>	<b>10.80</b>	<b>13.16</b>
10.	Spiny brinjal	VRM 1	0.25	0.33
11.	Annual moringa	PKM 1	8.50	10.52
		PKM 2	0.05	0.05
		<b>Total</b>	<b>8.55</b>	<b>10.57</b>
12.	Amaranthus	CO 1	2.50	3.02
		CO 2	4.50	5.96
		CO 3	2.50	3.04
		PLR 1	1.00	1.32
		<b>Total</b>	<b>10.50</b>	<b>13.34</b>
13.	Cluster bean	MDU 1	20.00	27.40
14.	Lab lab	CO (Gb) 14	10.50	12.59
15.	Onion	CO (On) 5	13.00	15.11
		CO 6	10.50	11.15
		<b>Total</b>	<b>23.50</b>	<b>26.26</b>
16.	Pumpkin	CO 1	0.20	0.30
		CO 2	0.20	0.36
		<b>Total</b>	<b>0.40</b>	<b>0.66</b>
17.	Veg. Cowpea	PKM 1	1.00	1.20
18.	Papaya	CO 7	0.01	0.01
		CO 8	0.10	0.12
		<b>Total</b>	<b>0.11</b>	<b>0.13</b>
		<b>Veg. Total</b>	<b>136.66</b>	<b>168.22</b>
	<b>Other Crops</b>			
19.	Palmyrah palm seed	Local	-	<b>5.00</b>
20.	Garlic seed bulbs	-	-	<b>1.07</b>
		<b>Total</b>	-	<b>6.07</b>
21.	Sugarcane (Seed cane)	-	2000.00	2384.11
22.	Turmeric	BSR 2	50.00	52.24
		<b>Total</b>	<b>2050.00</b>	<b>2436.35</b>

## 9. Planting materials

(in numbers)

Crop	Target	Production
Sugarcane Seedlings (Number)	82,800	84,500
Forge slips / cuttings	13,25,500	13,83,409
Coconut Seedlings & seed nuts	1,22,000	1,28,562
Horticultural Crops	6,53,250	6,94,202
Tree seedlings	2,50,420	2,58,870
<b>Total</b>	<b>24,33,970</b>	<b>25,49,543</b>