

Seed Production Achievements

2019-20

Target/ Production Achievements Variety wise target / production achievements

i. Abstract

Unit : q

| Crops | Foundation seed | | Certified seed | | TFL | | Total | |
|---------------------------|-----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| Paddy | 2825.50 | 5190.19 | 2103.00 | 532.02 | 3218.50 | 8692.45 | 8147.00 | 14414.66 |
| Millets | 35.00 | 38.77 | 181.00 | 63.33 | 16.00 | 236.53 | 232.00 | 338.63 |
| Pulses | 696.25 | 348.94 | 1761.00 | 447.80 | 21.00 | 355.27 | 2478.25 | 1152.01 |
| Oilseeds | 100.00 | 257.04 | 2150.00 | 489.53 | 50.50 | 156.49 | 2300.50 | 903.06 |
| Cotton | 0 | 0 | 0 | 0 | 6.50 | 13.19 | 6.50 | 13.19 |
| Forage crops | 0 | 0 | 0 | 0 | 27.20 | 37.77 | 27.20 | 37.77 |
| Greenmanure | 0 | 0 | 0 | 0 | 80.00 | 74.13 | 80.00 | 74.13 |
| Vegetable crops | 1.40 | 0.29 | 1.35 | 0.08 | 9.45 | 89.76 | 12.20 | 90.13 |
| Total | 3658.15 | 5835.23 | 6196.35 | 1532.76 | 3429.15 | 9655.59 | 13283.65 | 17023.58 |
| Turmeric | - | - | - | - | 250.00 | 406.68 | 250.00 | 406.68 |
| Sugarcane | - | - | - | - | 620.00 | 1180.00 | 620.00 | 1180.00 |
| Grand Total | 3658.15 | 5835.23 | 6196.35 | 1532.76 | 4299.15 | 11242.27 | 14153.65 | 18610.26 |
| Planting materials (Nos.) | - | - | - | - | 19.745 | 23.814 | 19.745 | 23.814 |

ii. Details of seed production

I. Paddy

Unit : q

| S. No. | Variety | Foundation seed | | Certified seed | | TFL | | Total | |
|--------|-------------|-----------------|---------|----------------|--------|--------|--------|---------|---------|
| | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 1. | ADT 36 | - | - | - | - | - | 34.30 | - | 34.30 |
| 2. | ADT 37 | 112.50 | 52.50 | - | - | - | 155.10 | 112.50 | 207.60 |
| 3. | ADT 38 | - | - | - | - | - | 35.00 | - | 35.00 |
| 4. | ADT 39 | - | 39.00 | 99.00 | 155.90 | 27.00 | 94.40 | 126.00 | 289.30 |
| 5. | ADT 43 | 360.00 | 860.66 | 508.50 | - | 144.00 | 383.84 | 1012.50 | 1244.50 |
| 6. | ADT (R) 45 | 373.50 | 1721.79 | - | 36.22 | 675.00 | 838.99 | 1048.50 | 2597.00 |
| 7. | ADT 46 | - | 90.00 | 45.00 | - | 45.00 | - | 90.00 | 90.00 |
| 8. | ADT 49 | - | - | - | - | - | 29.53 | - | 29.53 |
| 9. | ADT 51 | - | 35.00 | - | - | 74.00 | 237.43 | 74.00 | 272.43 |
| 10. | ADT 52 | - | - | - | - | 16.00 | 39.00 | 16.00 | 39.00 |
| 11. | ADT 53 | - | - | - | - | 58.50 | 512.24 | 58.50 | 512.24 |
| 12. | Anna (R) 4 | - | - | - | - | 36.00 | 7.00 | 36.00 | 7.00 |
| 13. | ASD 16 | 247.50 | 564.10 | 510.00 | 50.50 | 882.00 | 840.00 | 1639.50 | 1454.60 |
| 14. | Bhavani | - | - | - | - | - | 60.80 | - | 60.80 |
| 15. | CO 43 Sub 1 | - | - | - | - | - | 46.00 | - | 46.00 |
| 16. | CO (R) 50 | - | - | - | - | 20.00 | 14.90 | 20.00 | 14.90 |
| 17. | CO (R) 51 | 225.00 | 841.85 | - | 118.40 | 65.00 | 377.72 | 290.00 | 1337.97 |

Unit : q

| S. No. | Variety | Foundation seed | | Certified seed | | TFL | | Total | |
|--------|--------------------|-----------------|----------------|----------------|---------------|----------------|----------------|----------------|-----------------|
| | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 18. | CO(R)52 | - | - | - | - | 56.00 | 2860.30 | 56.00 | 2860.30 |
| 19. | CR 1009 | - | - | - | - | - | 211.80 | - | 211.80 |
| 20. | CR 1009 Sub 1 | 220.00 | 42.60 | 450.00 | 128.00 | 245.00 | 468.53 | 915.00 | 639.13 |
| 21. | I.W.Ponni | 337.50 | 258.30 | 40.50 | 43.00 | 155.00 | 209.84 | 533.00 | 511.14 |
| 22. | MDU 6 | 90.00 | - | - | - | - | 50.00 | 90.00 | 50.00 |
| 23. | Paiyur 1 | 72.00 | 106.89 | - | - | 45.00 | 66.00 | 117.00 | 172.89 |
| 24. | TKM 13 | 787.50 | 577.50 | 450.00 | - | 315.00 | 333.47 | 1552.50 | 910.97 |
| 25. | TPS3 | - | - | - | - | 157.50 | 204.30 | 157.50 | 204.30 |
| 26. | TPS5 | - | - | - | - | 157.50 | 341.50 | 157.50 | 341.50 |
| 27. | TRY 3 | - | - | - | - | - | 175.00 | - | 175.00 |
| 28. | VGD 1 | - | - | - | - | 45.00 | 65.46 | 45.00 | 65.46 |
| | Paddy Total | 2825.50 | 5190.19 | 2103.00 | 532.02 | 3218.50 | 8692.45 | 8147.00 | 14414.66 |

II. Millets

Unit: q

| S. No. | Crop | Variety | Foundation | | Certified | | TFL | | Total | |
|--------|--------------|----------------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 1. | Sorghum | K 12 | - | - | 20.00 | - | - | 9.14 | 20.00 | 9.14 |
| | | APK 1 | - | - | - | - | - | 0.40 | - | 0.40 |
| | | CO 30 | - | - | - | - | - | 1.60 | - | 1.60 |
| | | Total | - | - | 20.00 | - | - | 11.14 | 20.00 | 11.14 |
| 2. | Maize | COHM6 | - | - | 31.00 | 9.04 | - | 12.64 | 31.00 | 21.68 |
| | | CO 8 | - | - | - | 5.00 | - | - | - | 5.00 |
| | | Total | - | - | 31.00 | 14.04 | - | 12.64 | 31.00 | 26.68 |
| 3. | Cumbu | CO 10 | - | - | - | - | - | 2.36 | - | 2.36 |
| 4. | Ragi | CO 15 | - | - | 50.00 | 43.98 | - | 8.11 | 50.00 | 52.09 |
| | | Paiyur 2 | 25.00 | 10.96 | 15.00 | 5.00 | - | 1.00 | 40.00 | 16.96 |
| | | Total | 25.00 | 10.96 | 65.00 | 48.98 | - | 9.11 | 90.00 | 69.05 |
| 5. | Samai | CO 4 | - | 0.31 | - | 0.31 | - | 23.32 | - | 23.94 |
| | | ATL 1 | - | - | - | 0.00 | 10.00 | 5.10 | 10.00 | 5.10 |
| | | Total | - | 0.31 | - | 0.31 | 10.00 | 28.42 | 10.00 | 29.04 |
| 6. | Panivaragu | CO(PV)5 | - | - | - | - | - | 42.20 | - | 42.20 |
| | | ATL 1 | - | - | - | - | - | 33.00 | - | 33.00 |
| | | TNAU 202 | 5.00 | - | 5.00 | - | - | 7.90 | 10.00 | 7.90 |
| | | Total | 5.00 | - | 5.00 | - | - | 83.10 | 10.00 | 83.10 |
| 7. | Varagu | CO3 | - | - | - | - | - | 24.30 | - | 24.30 |
| | | TNAU86 | 5.00 | 27.50 | 5.00 | - | - | 0.80 | 10.00 | 28.30 |
| | | Total | 5.00 | 27.50 | 5.00 | - | - | 25.10 | 10.00 | 52.60 |
| 8. | Kuthiraivali | CO (KV) 2 | - | - | 5.00 | - | - | 17.03 | 5.00 | 17.03 |
| | | MDU 1 | - | - | - | - | 6.00 | 3.40 | 6.00 | 3.40 |
| | | Total | - | - | 5.00 | - | 6.00 | 20.43 | 11.00 | 20.43 |
| 9. | Tenai | CO (Te) 7 | - | - | 50.00 | - | - | 44.23 | 50.00 | 44.23 |
| | | Millets Total | 35.00 | 38.77 | 181.00 | 63.33 | 16.00 | 236.53 | 232.00 | 338.63 |

III. Pulses

Unit: q

| S. No. | Crop | Variety | Foundation | | Certified | | TFL | | Total | |
|--------|-----------|---------------------|---------------|---------------|----------------|---------------|--------------|---------------|----------------|----------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 1. | Redgram | BSR 1 | - | - | - | - | 1.00 | 1.71 | 1.00 | 1.71 |
| | | CO 8 | 40.00 | 23.17 | 10.00 | - | - | 10.10 | 50.00 | 33.27 |
| | | CO(Rg) 7 | 62.50 | - | - | - | - | - | 62.50 | - |
| | | Total | 102.50 | 23.17 | 10.00 | - | 1.00 | 11.81 | 113.50 | 34.98 |
| 2. | Blackgram | ADT 3 | - | - | - | - | - | 1.82 | - | 1.82 |
| | | ADT 5 | 15.00 | - | - | - | - | 8.56 | 15.00 | 8.56 |
| | | ADT 6 | 9.00 | 3.00 | - | - | - | 19.78 | 9.00 | 22.78 |
| | | CO 6 | 40.00 | 33.73 | 10.00 | 32.63 | - | 22.16 | 50.00 | 88.52 |
| | | KKM 1 | 50.00 | 8.94 | - | - | - | - | 50.00 | 8.94 |
| | | MDU 1 | 5.00 | 33.01 | 16.00 | - | - | 4.22 | 21.00 | 37.23 |
| | | VBN 4 | - | - | - | - | - | 4.50 | - | 4.50 |
| | | VBN 6 | 5.00 | - | 415.00 | 23.03 | - | 0.66 | 420.00 | 23.69 |
| | | VBN 8 | 324.00 | 160.18 | 904.00 | 160.47 | 5.00 | 189.17 | 1233.00 | 509.82 |
| | | VBN 9 | - | - | - | - | - | 3.40 | - | 3.40 |
| | | VBN 10 | - | - | - | - | - | 3.26 | - | 3.26 |
| | | Total | 448.00 | 238.86 | 1345.00 | 216.13 | 5.00 | 259.93 | 1798.00 | 714.92 |
| 3. | Greengram | CO 7 | - | - | - | 3.40 | - | - | - | 3.40 |
| | | CO 8 | 128.00 | 52.57 | 402.00 | 222.77 | - | 47.28 | 530.00 | 322.62 |
| | | VBN 4 | - | - | - | - | 10.00 | 5.06 | 10.00 | 5.06 |
| | | VRM(Gg)1 | - | - | - | - | - | 1.44 | - | 1.44 |
| | | Total | 128.00 | 52.57 | 402.00 | 226.17 | 10.00 | 53.78 | 540.00 | 332.52 |
| 4. | Cowpea | CO (CP) 7 | 2.50 | 2.40 | - | - | - | 5.75 | 2.50 | 8.15 |
| | | VBN 3 | 10.00 | 25.72 | - | - | - | 2.32 | 10.00 | 28.04 |
| | | Total | 12.50 | 28.12 | - | - | - | 8.07 | 12.50 | 36.19 |
| 5. | Horsegram | Paiyur 2 | 5.25 | 6.22 | 4.00 | 5.50 | - | 9.00 | 9.25 | 20.72 |
| 6. | Moth bean | TMV 1 | - | - | - | - | 5.00 | 12.68 | 5.00 | 12.68 |
| | | Pulses Total | 696.25 | 348.94 | 1761.00 | 447.80 | 21.00 | 355.27 | 2478.25 | 1152.01 |

IV. Oilseeds

Unit: q

| S. No. | Crop | Variety | Foundation | | Certified | | TFL | | Total | |
|--------|-----------|--------------|---------------|---------------|----------------|---------------|--------------|---------------|----------------|---------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 1. | Groundnut | ALG06320 | 100.00 | 69.95 | - | 27.58 | - | 4.17 | 100.00 | 101.70 |
| | | CO 6 | - | 69.34 | 50.00 | 15.00 | - | 13.87 | 50.00 | 98.21 |
| | | Kathiri 6 | - | 2.00 | - | - | - | 12.50 | - | 14.50 |
| | | TCGS 1043 | - | 2.00 | - | - | - | 17.00 | - | 19.00 |
| | | TMV 13 | - | 0.00 | - | - | 2.50 | 73.51 | 2.50 | 73.51 |
| | | TMV 14 | - | 0.00 | - | - | - | 3.30 | - | 3.30 |
| | | VRI 7 | - | 41.20 | 150.00 | 31.11 | - | 1.44 | 150.00 | 73.75 |
| | | VRI 8 | - | 19.20 | 1400.00 | 30.00 | 40.00 | 5.84 | 1440.00 | 55.04 |
| | | VRI Gn 6 | - | 37.40 | 150.00 | 30.00 | - | 7.48 | 150.00 | 74.88 |
| | | Total | 100.00 | 241.09 | 1750.00 | 133.69 | 42.50 | 139.11 | 1892.50 | 513.89 |
| 2. | Gingelly | VRI 3 | - | 15.95 | - | - | 5.00 | - | 5.00 | 15.95 |
| | | TMV 7 | - | - | - | - | 3.00 | - | 3.00 | 0.00 |
| | | Total | - | 15.95 | - | - | 8.00 | 0.00 | 8.00 | 15.95 |

Unit: q

| S. No. | Crop | Variety | Foundation | | Certified | | TFL | | Total | |
|--------|-----------|-----------------------|---------------|---------------|----------------|---------------|--------------|---------------|----------------|---------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 3. | Castor | YRCH - 1 | - | - | 400.00 | 222.64 | - | 9.54 | 400.00 | 232.18 |
| | | YRCH - 2 | - | - | - | 133.20 | - | 3.42 | - | 136.62 |
| | | Total | - | - | 400.00 | 355.84 | - | 12.96 | 400.00 | 368.80 |
| 4. | Sunflower | COH3 | - | - | - | - | - | 4.42 | - | 4.42 |
| | | Oilseeds Total | 100.00 | 257.04 | 2150.00 | 489.53 | 50.50 | 156.49 | 2300.50 | 903.06 |

V. Cotton

Unit : q

| S. No. | Crop | Variety | Truthfully labelled seed | |
|--------|--------|---------------------|--------------------------|--------------|
| | | | Target | Production |
| 1. | COTTON | SVPR 2 | 1.00 | 2.08 |
| 2. | | SVPR 4 | 1.00 | 1.80 |
| 3. | | SVPR 5 | 1.00 | 0.75 |
| 4. | | SVPR 6 | 1.00 | 5.84 |
| 5. | | K 12 | 2.50 | 1.78 |
| 6. | | MCU 5 | - | 0.21 |
| 7. | | CO 14 | - | 0.05 |
| 8. | | CO 17 | - | 0.68 |
| | | Cotton Total | 6.50 | 13.19 |

VI. Forage crops

Unit : q

| S. No. | Crop | Variety | Truthfully labelled seed | |
|--------|--------------------------|---------------------|--------------------------|--------------|
| | | | Target | Production |
| 1. | Perennial Fodder Sorghum | CO (FS) 29 | 5.00 | 8.53 |
| | | CO 31 | 5.00 | 9.87 |
| 2. | Fodder Sorghum | CO (FS)31 | - | 1.48 |
| | | CO (FS) 29 | - | 0.40 |
| | | CO (S) 27 | - | 2.10 |
| | | CSV 33 MF | - | 0.47 |
| 3. | Fodder Cowpea | CO (FC) 8 | - | 0.81 |
| | | CO 9 | 2.00 | - |
| 4. | Fodder Maize | African Tall | 5.00 | 3.80 |
| 5. | Lucerne | CO 3 | - | 0.27 |
| 6. | Velimasal | CO 1 | 0.20 | 4.18 |
| 7. | Agathi | - | - | 1.81 |
| 8. | Desmanthus | CO 1 | 10.00 | 4.05 |
| | | Forage Total | 27.20 | 37.77 |

VII. Green manure crops

Unit : q

| S. No. | Crop | Variety | Truthfully labelled seed | |
|--------|----------|--------------|--------------------------|--------------|
| | | | Target | Production |
| 1. | Sunnhemp | Local | 27.50 | 54.29 |
| | | CO 1 | 40.00 | 19.84 |
| 2. | Daincha | | 12.50 | - |
| | | Total | 80.00 | 74.13 |

VIII. Vegetable crops

Unit : q

| S. No. | Crop | Varieties | Foundation | | Certified | | TFL | | Total | |
|--------|--------------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 1. | Tomato | PKM1 | 0.30 | 0.15 | - | 0.08 | 0.10 | 1.30 | 0.40 | 1.53 |
| 2. | Chilli | Hybrid CO 1 | - | - | - | - | - | 0.34 | - | 0.34 |
| | | K 1 | - | - | - | - | 1.50 | 1.10 | 1.50 | 1.10 |
| | | K 2 | - | - | - | - | - | 0.20 | - | 0.20 |
| | | PKM 1 | 0.30 | - | - | - | 0.05 | 0.18 | 0.35 | 0.18 |
| | | Total | 0.30 | - | - | 0.00 | 1.55 | 1.82 | 1.85 | 1.82 |
| 3. | Ash gourd | CO1 | - | - | - | - | 0.75 | 0.94 | 0.75 | 0.94 |
| 4. | Bhendi | Hybrid CO 4 | - | - | - | - | - | 10.52 | - | 10.52 |
| | | A. Anamika | - | - | - | - | - | 0.61 | - | 0.61 |
| | | Total | - | - | - | - | - | 11.13 | - | 11.13 |
| 5. | Bitter gourd | CO1 | 0.20 | - | - | - | 1.25 | 5.33 | 1.45 | 5.33 |
| 6. | Bottle gourd | Hy. CO 1 | - | - | - | - | - | 3.72 | - | 3.72 |
| | | PLR1 | - | - | - | - | - | 0.72 | - | 0.72 |
| | | PLR2 | - | - | - | - | 0.50 | 0.95 | 0.50 | 0.95 |
| | | Total | - | - | - | - | 0.50 | 5.39 | 0.50 | 5.39 |
| 7. | Pumpkin | CO1 | - | - | - | - | - | 0.70 | - | 0.70 |
| | | CO 2 | 0.20 | - | 0.75 | - | - | 2.86 | 0.95 | 2.86 |
| | | Total | 0.20 | - | 0.75 | - | - | 3.56 | 0.95 | 3.56 |
| 8. | Ridge gourd | Hy. COH 1 | - | - | - | - | - | 5.65 | - | 5.65 |
| | | PKM1 | 0.20 | 0.12 | - | - | 0.20 | 0.54 | 0.40 | 0.66 |
| | | Total | 0.20 | 0.12 | - | - | 0.20 | 6.19 | 0.40 | 6.31 |
| 9. | Snake gourd | CO 2 | - | - | - | - | - | 5.04 | - | 5.04 |
| | | COH 1 -Hy. | - | - | - | - | - | 0.50 | - | 0.50 |
| | | PLR 1 | - | - | - | - | 1.60 | 2.63 | 1.60 | 2.63 |
| | | PLR2 | - | - | - | - | 0.30 | 0.31 | 0.30 | 0.31 |
| | | PKM 1 | 0.20 | 0.02 | - | - | - | 0.16 | 0.20 | 0.18 |
| | | Total | 0.20 | 0.02 | - | - | 1.90 | 8.64 | 2.10 | 8.66 |
| 10. | Small Onion | CO (On) 5 | - | - | - | - | - | 3.77 | 0.00 | 3.77 |
| 11. | Brinjal | VRM1 | - | - | - | - | - | 0.20 | 0.00 | 0.20 |
| | | CO 2 | - | - | - | - | 0.50 | 2.94 | 0.50 | 2.94 |
| | | PLR2 | - | - | - | - | 1.00 | 1.05 | 1.00 | 1.05 |
| | | PLR1 | - | - | 0.10 | - | - | - | 0.10 | - |
| | | Total | - | - | 0.10 | - | 1.50 | 4.19 | 1.60 | 4.19 |
| 12. | Lab Lab | CO(GB)14 | - | - | - | - | - | 7.83 | - | 7.83 |
| 13. | Cluster bean | MDU 1 | - | - | - | - | - | 14.68 | - | 14.68 |
| 14. | Ckaravarthy keerai | Ooty -1 | - | - | - | - | - | 0.90 | - | 0.90 |

Unit : q

| S. No. | Crop | Varieties | Foundation | | Certified | | TFL | | Total | |
|--------|---------------------|--|-------------|-------------|-------------|-------------|---------------|----------------|---------------|----------------|
| | | | Target | Prodn. | Target | Prodn. | Target | Prodn. | Target | Prodn. |
| 15. | Amaranthus | CO 1 | - | - | - | - | - | 2.36 | - | 2.36 |
| | | CO 2 | - | - | - | - | - | 1.22 | - | 1.22 |
| | | CO 3 | - | - | - | - | - | 2.03 | - | 2.03 |
| | | PLR1 | - | - | 0.50 | - | - | 0.94 | 0.50 | 0.94 |
| | | Total | - | - | 0.50 | - | - | 6.55 | 0.50 | 6.55 |
| 16. | Annual Moringa | PKM1 | - | - | - | - | 1.40 | 7.02 | 1.40 | 7.02 |
| | | PKM 2 | - | - | - | - | 0.05 | 0.02 | 0.05 | 0.02 |
| | | Total | - | - | - | - | 1.45 | 7.04 | 1.45 | 7.04 |
| 17. | Veg.cowpea | PKM 1 | - | - | - | - | 0.25 | 0.50 | 0.25 | 0.50 |
| | | Vegetable Total | 1.40 | 0.29 | 1.35 | 0.08 | 9.45 | 89.76 | 12.20 | 90.13 |
| | | Planting materials (setts/ Rhizome) | | | | | | | | |
| 1. | Turmeric (q) | | - | - | - | - | 620.0 | 406.68 | 620.0 | 406.68 |
| 2. | Sugarcane Setts (q) | | - | - | - | - | 250.00 | 1180.00 | 250.00 | 1180.00 |
| | | Total | - | - | - | - | 870.00 | 1586.68 | 870.00 | 1586.68 |

Quality of Planting materials produced & Distributed during 2019-20

| | | |
|----|-------------------------------|------------------|
| 1. | Sugarcane Seedlings (Number) | 1,62,881 |
| 2. | Forge slips / cuttings | 15,69,446 |
| 3. | Coconut Seedlings & seed nuts | 98,000 |
| 4. | Horticultural Crops | 2,35,759 |
| 5. | Tree seedlings | 2,75,330 |
| 6. | Tree seed balls | 40,000 |
| | Total | 23,81,416 |