

Primary Sector Mission

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The Government of Andhra Pradesh as part of “Swarnandhra Vision-2029” has constituted Seven Missions including Primary Sector Mission.

The Primary Sector Mission was launched by the Hon’ble Chief Minister, **Sri Nara Chandrababu Naidu** on 06-10-2014 at Kalyandurg in Ananthapuramu district in the presence of **Dr. A.P.J. Abdul Kalam**, former President of India. The Hon’ble Chief Minister will be the chairperson for all the missions and concerned Minister, the Vice-Chairperson. The Agriculture Production Commissioner & Principal Secretary is nominated as the Mission Coordinator for the Primary Sector Mission.

Several Growth engines were identified in Primary Sector Mission. Among them 9 major growth engine crops comes under Agriculture sector.

Those are 1. Paddy 2. Maize 3. Redgram 4. Blackgram 5. Greengram 6. Cotton 7. Bengalgram 8. Ground nut and 9. Sugar cane.

To monitor the increase of crop productivity and production and to achieve the double digit growth, 15 Key Performance Indicators (KPIs) were identified.

Agriculture sector recorded incremental growth rate in Andhra Pradesh i.e., 3.55% in 2014-15 (-0.2% in India), 7.78% in 2015-16 (0.6% in India), 14.91% in 2016-17 (6.3% in India) & 17.76% (3% in India) in 2017-18.

Agriculture sector will be focusing on the following strategies for achieving double digit growth:

- Soil Health card distribution
- Correcting Micro nutrient deficiency in major crops based on soil test results on saturation mode.
- Supply seed of new varieties.
- Popularization of Uberization of farm machinery.
- Creating awareness on departmental activities and innovative technologies through Polam Pilusthondi programme.
- Demonstration of climate resilient, low cost of cultivation, quality produce and high yielding technologies through CRKs (Zeba) & ZBNF.
- Promotion of intercropping, poly cropping and mixed cropping.
- Encouraging Organic farming / Zero budget natural farming
- Soil & Water conservation measures (Dead furrows, Recharging of bore wells, Recharge of Groundwater, Farm ponds, rain guns etc), adopting drought proof measures in case of contingency.
- Issue of Certificate of Cultivation(COC) to tenant farmers for obtaining Institutional credit and other benefits.
- Pest control by monitoring pest forecast and by spraying through Drones.

Methods adopted

- 1) By adopting direct sowing in rice, improved 5-10 percent of productivity and 10 percent reduction in cost of cultivation.
- 2) Soil test based Fertilizer application and supply of micronutrients on 100 percent subsidy improved productivity by 8-15 percent.
- 3) Implementation of warabandhi system in delta area in co-ordination with irrigation department.
- 4) Implementation of warabandhi system, facilitates the growing of summer pulse crop in Godavari Delta, in Krishna delta- Pulse / Maize / Jowar as second crop and Pulse as third crop based on the situation.
- 5) Forecasting of crop acreages, yield estimation, crop monitoring services and market linkages by using satellite images provided by Infinium Solutionz Pvt. Ltd & Sat Sure analytics India
- 6) Increasing the Redgram area through inter cropping and growing on Rice field bunds, additional income of Rs.7000 to 10,000/- per acre.
- 7) Adoption of Farming - cultivation of Paddy + Pulses + Fruits + Vegetables + Pisciculture round the year for higher returns per unit area i.e., Rs.40,000 to 50,000/-/ha.
- 8) Cultivation of paddy varieties resistant to waterlogged conditions in 3 lakh acres increased production by 20-25 percent.

