



Government of Andhra Pradesh

**AGRICULTURE BUDGET SPEECH
(2018-19)**

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AGRICULTURE BUDGET SPEECH 2018-19

Hon'ble Speaker Sir and Hon'ble members

I rise to present the Agriculture Budget for 2018-19. On this occasion, I extend my heartfelt gratitude to our beloved Hon'ble Chief Minister, Sri Nara Chandrababu Naidu garu and this honoured house for providing me an opportunity to present the 5th year separate budget for Agriculture and allied sectors.

Government laid special focus on farmers welfare through Primary Sector Mission by utilizing the innovative and latest technical know-how in the implementation of different programmes with an aim of enhancing farmers income by reducing the cost of cultivation and increasing productivity and also doubling of farmers income by 2022.

Primary Sector Mission

In Agriculture sector, the Growth rate of 25.60% is recorded in first half year of 2017-18 compared to 24.44% during 2016-17. In 2017-18 as per First Half year Advance Estimates, Agriculture 17.44%, Horticulture 18.63%, Fisheries 44.00% and Livestock 12.00% Growth rate is recorded.

Agriculture sector recorded 14.03% Growth rate in 2016-17 in A.P where as it is 7.11% in India.

చుక్క పొద్దున లేచి.. నాగలికి నమస్కరించి...

పొలానికి ప్రణమిల్లి.. చెమట చుక్కలతో పంటను తడిపి...

ఏవుగా పెరిగిన పంటను బిడ్డగా భావించి, గుండెకు హత్తుకొని...

నిలువెల్లా పరవశించి పోయే.. సంతోషి కర్షకుడు...

నిత్యం ప్రతీ రైతులో ఈ సంతోషాన్ని చూడాలన్నదే మన చంద్రన్న సంకల్పం.

Agriculture Department:

During Kharif 2017, an area of 36.70 Lakh ha.(91% of normal) is covered with different crops. Even though 42% deficit rainfall received in Rabi 2017-18, 96% of normal area (22.87 Lakh ha.) is covered as on date.

In 2017-18, as per the second advance estimates, food grain production is 157.59 Lakh MTs. which is 6% excess over 2016-17 production of 149.16 Lakh MTs. In Paddy, even though cultivated area is 3% less when compared to previous year, able to achieve on-par Production through recording best average Productivity of 5176 kg/ha. In Kharif 2017, Maize recorded all time highest productivity of 4587 kg/ha eventually 29% increase in Maize Production i.e., 21.43 Lakh MTs compared to previous year. Pulses production estimated in 2017-18 is 11.44 Lakh MTs which is 23% increase over previous year i.e., 9.31 Lakh MTs.

In spite of 31% reduction in Groundnut area during Kharif 2017, Groundnut production is 8.02 Lakh MTs due to Productivity enhancement of 1238 kg/ha, which is 195% increase over last year.

At present, Andhra Pradesh State stands 2nd place in Maize productivity, 3rd Place in Paddy & 4th place in Cotton & Sugarcane in the Country. Similarly, A.P stands in 2nd place in Paddy, Maize & Groundnut Production.

With the instructions of the Hon'ble Chief Minister, Long term strategies, crop wise have been worked out to stand in 1st place in productivity of major crops in the country with a vision to reach best in the world.

In Kharif, due to early release (June 17th) of water through Pattiseema to Krishna Delta, in addition to stabilization of 11 Lakh acres, the farmers able to reap Rs.3416 Crores of Paddy, which facilitated additional area coverage of 75,000 acres under various crops in Rabi compared to previous year.

Godavari Delta:

In Godavari Delta, release of water by June 1st facilitated early harvest of Kharif

paddy Crop in addition to productivity enhancement which also resulted in area expansion of Rabi avoiding terminal moisture stress and opportunity for growing summer pulses as 3rd crop and also Green manure crop.

Nagarjuna Sagar Project Ayacut:

After bifurcation, Andhra Pradesh water share to NSP left canal is 132 TMCs only. By keeping this in mind, integrated crop systems were suggested to stabilize the farmers income. 40 TMCs of water is released through NSP left canal for increasing crop productivity and area expansion in Rabi season.

Speaker Sir,

Soil Health Management:

With an objective to provide Soil Health Card to every farmer, in 1st cycle of Soil Health Card distribution scheme, 54.27 lakh soil Health cards were distributed to farmers in 3 phases, Andhra Pradesh ranked first in India in implementation of Soil Health Card scheme.

The target for Soil Health Cards distribution is 35.58 lakhs in 2018-19. As conventional method of soil analysis involves cumbersome procedures, working with Bill & Melinda Gates Foundation by sharing new and innovative technology in soil analysis and soil health management for digital soil mapping to educate the farmers on soil nutrient status and fertilizer management.

Distribution of Micronutrient on 100% subsidy:

For the first time, the Government of Andhra Pradesh, with a view to enhance crop productivity through correction of Micronutrient deficiencies based on Soil Health Card (SHC) results, micronutrients were distributed to the farmers on 100% subsidy.

Around 10 to 15% increase in productivity is recorded due to correction of micronutrient deficiency in different crops which amounts to increase income of

Rs.719.98 Cr. An amount of Rs.86.5 Cr. is utilized for this purpose.

Subsidy Seed supply:

Supplied 10.07 Lakh qtls. of seed in time with subsidy value of Rs.419 Cr. to the farmers in transparent way, using Aadhar enabled Bio-Metric system, through D-Krishi app which has won prestigious “CSI-Nihilent e-Governance Project Excellence” National Award.

As per the directions of the Hon’ble Chief Minister, distributed 31,595 qtls of alternate crop seed on 100% subsidy in prolonged dry spell conditions prevailed from July 2nd fortnight to August 1st Fortnight.

For the farmers in tribal areas, seeds were distributed with enhancement of subsidy from 33% to 50% and Groundnut seed on 90% subsidy.

Mega Seed Park:

To develop Andhra Pradesh as a Global Seed Hub and to ensure that quality seeds reach every farmer in Andhra Pradesh, our Government is establishing Mega Seed Park in 627 acres with an outlay of Rs.650 Crores at Tangadencha Seed farm, Kurnool in collaboration with IOWA State University, USA, which is a pioneer Institute in Seed Research. To fulfill the ambition, Mega Seed Park will be registered as Public Limited Company in A.P. State Government. The different stake holders involved are Department of Agriculture, ANGRAU, Department of Horticulture, YSRHU, NGOs, Private Seed Companies, and Progressive farmers (FPOs) with IOWA State University, USA as Knowledge and Technical partner.

The Government is looking forward for a fruitful outcome of the establishment of this unique project of Mega Seed park which is first of its kind in India with the development of need based cultivars in different crops and new technologies in seed production and maintenance duly providing all the facilities related to Seed development & production in the Mega Seed Park.

New Information Technology to farmers:

Government organized an International event, in the name of “A.P.Ag Tech. Summit 2017” at Visakhapatnam to facilitate the availability of Latest Technological innovations to the farming community. During this event, conducted pitch competition and selected 5 winners. The Latest Technological innovations will be utilized for the benefit of farming community through defined action plans.

Infinium Solutionz Pvt. Ltd, Sat Sure analytics India, Kisan Network, Krishi Star and BigHaat Agro Pvt. Ltd are in MoU with Agriculture Department to provide technical information.

Productivity enhancement in North Coastal districts

In view of the low crop productivity in North Coastal Andhra, awareness campaigns were organized involving farmers, extension officers and Scientists. As per the gaps identified, distributed required seeds on 50% subsidy and also Herbicides. By encouraging direct seeding in paddy during Kharif 2017, achieved good yields. In Srikakulam district, an additional sown area of 1.75 Lakh acres achieved during Rabi 2017-18. In addition to that, awareness created to farmers on utilization of farm mechanization scheme in a bigger way by allocating additional budget.

Fertilizers Management:

Andhra Pradesh is in 6th position in fertilizer consumption in India. To reduce further consumption of fertilizers, the state has implemented strategies like soil test based fertilizer application, integrated nutrient management practices and Natural Farming. In Kharif 2017, able to reduce 1.57 Lakh MTs. of fertilizer consumption, which resulted in saving of Rs. 223 Cr. to farmers and Rs.152 Cr to Government of India in the form of subsidy.

Fertilizers are being supplied through Aadhar enabled e-PoS machines (DBT) for

transparency in fertilizer movement as per the guidelines of Government of India.

Natural Farming:

As per the vision of Hon'ble Chief Minister, the GoAP is promoting Natural farming for the comprehensive long term welfare and prosperity of farmers, to safeguard them from the adverse climate affects and to stand A.P as global "Organic Hub" in Natural Farming.

The programme mandates to cover 5,00,000 farmers and 5,00,000 hectares in the State covering all Mandals in all districts by 2022. As on date, 1.63 lakh farmers are practicing ZBNF in 66,930 hectares.

For this purpose, an MoU was entered with Azim Premji Phillanthropic Initiative (APPI) to provide Rs.100 Cr. as grant.

UNEP, FAO, CGIAR, C-AGG, expressed their interest for sharing scientific technology on expansion of Natural Farming.

Speaker Sir,

Farm Mechanization:

Special Focus is laid on Farm Mechanization to decrease cost of cultivation and for timely and precise field operations which increases productivity.

To make available High cost machinery to small and marginal farmers, CHCs are encouraged on Public Private Partnership mode by making MoU with various companies at East & West Godavari districts. In paddy cultivation, Farm machinery starting from land preparation to harvesting are made available to farmers under CHCs. It is planned to extend such facility to all districts during 2018-19.

For effective utilization of farm equipment owned by the farmers, an app is developed on pilot basis in East Godavari, West Godavari, Krishna & Guntur districts for "Uberization" of farm equipment. The needy farmers can indent the required

farm equipment through app. Based on results, the scheme will be extended to all the districts of Andhra Pradesh.

Rythu Radham:

For the first time in the State, initiated a novel program called “Rythu Radham” for distribution of tractors (>35 HP) and Rotovators to the farmers during 2017-18 with maximum subsidy of 2.5 Lakhs. So far, 11,900 tractors were sanctioned as against target of 12,670.

Convergence with Irrigation Department

High productivity is obtained by effective utilization of water resources in convergence with Irrigation Department.

By prior identification of moisture stress areas, the Government took initiative and utilized rain guns for giving protective irrigation to achieve consistent yields to the farming community.

Agriculture Credit:

To facilitate timely application of inputs, credit facility has been extended as crop loans during 2017-18 to a tune of 60,616 Cr. (96%) as against target of Rs.63,106 Cr. and Agriculture Term Loans of Rs.17,678 Cr. (73%) disbursed as against target of Rs.24,365 Cr. to the farmers of Agriculture and allied sectors.

Due to financial problems, the tenant farmers could not able to purchase necessary inputs on time which is showing affect on productivity. To solve this problem, for the first time in India, A.P issued Certificate of cultivation (COC) which facilitated the availability of credit to the tenant farmers. During 2017-18, so far, an amount of Rs. 2346 Cr. is disbursed covering 7.25 lakhs Tenant farmers.

Debt Redemption:

As per the promise of Hon'ble CM, for the first time in the country, allocated Rs. 24,500 Cr from the State funds to Debt Redemption and credited Rs. 10,867 Cr to 54.98 Lakh farmer Accounts in the first 2 instalments. In 2017-18, allocated Rs. 3629 Cr for 36.89 Lakh farmers accounts as 3rd instalment including 10% interest. As on date, credited Rs. 3069.83 Cr. into 26.23 lakh farmers accounts.

Government is committed to extend the Debt Redemption to the last farmer by considering the farmer grievances.

Chandranna Rythu Kshetralu (CRK):

In order to enhance the productivity, involving gross root level functionaries and farmers, Chandranna Rythu Kshetralu on farm demonstrations are being conducted with latest technologies. In 2017-18, organized 3500 CRKs to create awareness to the farmers. Demonstrated yield increase of 25 to 30% in Groundnut, 15 to 20% in paddy.

Externally Aided Projects

Andhra Pradesh Drought Mitigation Project (APDMP):

For drought proofing and mitigating the distress of farmers in drought prone districts in Andhra Pradesh. APDMP is being implemented in the districts of Ananthapuramu, Chittoor, Kadapa, Kurnool and Prakasam. This project envisaged to improve the income of 1.65 Lakh farm house holds and strengthen their resilience to drought with an outlay of about Rs.1042 Cr, out of which about Rs. 528.24 Cr is being funded by International Fund for Agriculture Development (IFAD).

Andhra Pradesh Integrated Irrigation and Agriculture Transformation Project (APII&ATP)

Government is implementing this Project funded by World Bank which would be

implemented over a period of 6 years, providing benefits to 2 lakh farming families covering 1.47 lakh Ha of agriculture land in 1,211 tank command areas. The total estimated project cost is Rs. 1,600 Cr., out of which, Rs.450 Cr. was allocated to Agriculture.

Japan International Cooperation Agency (JICA)

Rs.2000 Cr. is allotted for the Development of Irrigation, Agriculture & allied sectors, out of which, Rs.420 Cr. is allocated for Agriculture & allied sector. Under JICA, a comprehensive convergence livelihood improvement Project is proposed with the establishment of Agriculture Mechanization Training Centers in the state and cater the training needs of farmers and Rural youth on maintenance of Farm Machinery.

Agri. Business Entrepreneur Summit:

After bifurcation of State, Agro industries are mainly confined to Telangana State and it ushered inconvenience in timely supply of Farm Machinery to famers. Hence, promoting establishment of Agro based industries in convenient districts in the State by extending incentives & simplified procedures and it ultimately helps in creation of employment and infrastructure.

In the Summit, conducted on 31-01-2018 at Vijayawada, 2 Agro based industries agreed to establish industries in Nellore district with an investment of Rs.275 Cr. to create employment to 1200 people.

At present, Micro irrigation equipments like drip & sprinklers were imported from North India to our State. During partnership summit held at Visakhapatnam on 25.02.2018 Micro irrigation Companies (11 MICs) have agreed to establish to their manufacturing units in the proposed plastic park hub in Ananthapuramu district with an Investment of Rs.148 Crs. and it will provide direct employment

to 1100 unemployed youth and indirect employment to 2000 people. With this manufacturing units, drip & sprinkler equipments will be supplied to farmers in time in the State.

Crop Insurance

The Agriculture crop insurance companies released Rs.809.60 Cr. to 7.89 Lakh farmers under crop insurance during 2016-17 whose crops were insured. During 2017-18, 16.85 Lakh farmers were enrolled under Crop insurance scheme.

Natural calamities:

Due to occurrence of Natural Calamities in the State, the farmers were affected with huge crop losses. Keeping this in view, the Hon'ble Chief Minister, has taken initiative to increase relief assistance of crop losses.

As on date, total input subsidy amount of Rs.1904.63 Crores were credited released into 16.38 lakh farmers accounts through Direct Benefit Transfer (DBT).

Speaker Sir,

Budget Allocation – 2018-19

The total budget for Agriculture during 2018-19 is proposed at Rs.7607.49 Cr, out of which an amount of Rs.7372.49 Cr is proposed under Revenue Expenditure and Rs. 235 Cr is proposed under Capital Expenditure.

For supply of subsidy seed in time to farmers, an amount of Rs. 220 Cr. is proposed.

For establishment of Mega Seed Park, an amount of Rs 100 Cr. is proposed.

In Integrated Nutrient Management, micronutrient deficiencies will be corrected by supply of micronutrients to restore soil health for improving the crop yields on 100% subsidy. An amount of Rs. 59.87 Cr is proposed for this purpose.

Effective utilization of both ground water and surface water, different conservation mechanisms are adopted for sustainable yields in rainfed areas. For this purpose an amount of Rs. 5.20 Cr. is proposed.

To meet increasing demand of farm machinery, an amount of Rs. 258.16 Cr. is proposed for farm mechanization, so as to achieve the better yields, by timely completing the land preparation, sowings, transplantation and harvesting.

Continuous capacity building of field functionaries of department is focused. Our Government has taken special efforts for strengthening Extension activities by proposing Rs.81.77 Cr.

Our Government is organizing 'Polam Pilusthondi', an extension programme and demonstration of best practices through "Chandranna Rythu Kshetralu" for higher productivity. An amount of Rs.12.58 Cr. is proposed.

During this year, Government is giving top priority to Information Technology (IT) in Agriculture for crop booking, monitoring crop and weather advisory, Digital soil mapping and marketing linkage. An amount of Rs. 34.84 Cr is proposed.

To ensure timely supply of required quantity of fertilizers during the crop season by maintaining the buffer stocks through AP MARKFED, an amount Rs. 40 Cr. proposal is made.

To provide office buildings at district and mandal levels, an amount of Rs. 5 Cr. is proposed.

The interest free crop loans are extended to all needy farmers up to Rs.1.00 lakh, if repaid in time. An amount of Rs. 172 Cr. is proposed.

Pavalavaddi is extended for crop loans from Rs.1.00 lakh to Rs.3.00 lakhs, if repaid in time. An amount of Rs. 5.44 Cr. is proposed.

To make the Crop Insurance Scheme more farmer friendly, Pradhan Manthri

Fasal Bhima Yojana (PMFBY) will be implemented by suitably modifying the procedures and with an aim to cover at least 50% farmers. An amount of Rs. 485 Cr. is proposed.

In accordance with the commitment of this Government to bring out the farmers from the debt trap and to mitigate their hardship, an amount of Rs. 4100 Cr. is proposed for payment of fourth installment.

An amount of Rs. 100 Cr. is proposed for mitigation of Drought and farmers distress in Rayalaseema and Prakasam districts (IFAD project).

Acharya N. G. Ranga Agricultural University:

Acharya N. G. Ranga Agricultural University (ANGRAU) which has five decades of history is working towards achieving (i) the farmers' prosperity through doubling of their annual income, (ii) to make agriculture climate-smart and a sought after profession for younger generations, (iii) to make Job-providers not the Job-seekers, and ultimately (iv) to achieve food and nutritional security while conserving the eco-systems.

With the prime aim of making agriculture profitable in all the 13 districts of Andhra Pradesh, the University is carrying out its activities/programmes in the fields of Agriculture, Agricultural Engineering and Home Science. The University's administrative buildings and other facilities have started taking shape at Lam, Guntur with grants from Government of India.

The ANGRAU was the first in the country to implement revised common curriculum of various degree programmes as per the V Deans' Committee recommendations. Timely and effective implementation of well-designed Academic calendar, the students graduated are being well-settled in higher education and employment in India and abroad. The University is offering special and integrated PG/Ph. D courses from the Advanced Post-graduate Centre in Lam, Guntur and M. B. A (Agribusiness)

programme at the Institute of Agribusiness Management, Tirupati.

During the year 2017-18, a rice variety, *Samruddhi* (MTU-1155) is released at National level and 17 new improved varieties of rice, groundnut, finger millet and sorghum are ready for release at the State level. A total of 14, 443 quintals of Breeder seed and 10,297 quintals of Foundation seed of various crops were produced during the year and supplied to seed agencies and farmers in the country. Similarly, 370 tonnes (335 powder form and 35 liquid form) of bio-fertilizers were produced and supplied during the year.

During the year 2017-18, an exclusive Maize Research Centre in Vijayarai, West Godavari District, a Geospatial Technology Centre at the RARS, Lam, Guntur and a model Agro-processing Centre for rice, pulses, turmeric, and chillies in Bapatla, are established. In addition, a Start-up Food Processing and Value Addition Unit in RARS, Lam, Guntur is established, which is producing food products under the brand name “ANGRAU Foods”.

Agricultural Research Management System (ARMS) and Technologies transfer through Mobile Apps are being used for effective service to farmers.

Recently, the University took very important administrative reforms like common working time schedule in all the teaching, research and extension institutes in the University, housing of the DAATTCs in the KVKs/ARs for unified and effective delivery of services to the farmers, establishment of Integrated University Management System and integration of Staff and Student Attendance with *Vidyawaan* Portal.

The total budget proposed for the year 2018-19 is Rs.395 Crores, out of which, Rs.355 Crores is proposed under Revenue expenditure & Rs.40 Crores is proposed under Capital expenditure.

Horticulture Department:

In Andhra Pradesh area under Horticulture crops is **39.78 Lakh acres** with a

production of **246.98 Lakh MTs**. Andhra Pradesh stands 1st in production of Chillies, Cocoa, Acid Lime, Oil Palm, Papaya, Tomato and 2nd in Cashew, Mango and Sweet Orange in the country. During 2016-17, the State emerged as the largest producer of Spices in the country.

Cultivation of Horticulture crops provides scope for enhanced and sustainable income to the farmers of rural areas. The vision of Hon'ble Chief Minister is to make Andhra Pradesh as a major Horticulture Hub and aims to expand the area under Horticulture crops from existing **40 Lakh Acres** to **One Crore Acres**. The department of horticulture is preparing crop wise action plan accordingly.

Andhra Pradesh is one of the States in the Country implementing Micro irrigation scheme in a big way under PMKSY. As against the target of **5,16,750 acres**, achievement is **3,46,260 acres** by the end of February, **2018**. The proposed target for the year 2018-19 is **6.25 lakh acres**.

High Value vegetables & flowers cultivation under **Protected Cultivation in 4,50,000 Sq.mts**. (Poly houses and Shade net houses), Pandal system for cultivation of gourds, Trellis system for tomato, Mulching for vegetables, gourds & Melons enhanced production by 30% and net-returns to the farmers by 35%.

Department has provided financial assistance for creation of **45,000 tonnes** capacity cold storages, **48,000 tonnes** capacity pack houses, **24,000 tonnes** capacity ripening chambers and **4,200 tonnes** capacity processing units to reduce post harvest losses, and improve the quality of the Horticulture produce.

Assisted in establishing 790 individual farm ponds and 16 community farm ponds to store water and provide irrigations at critical growth periods especially for orchard crops during water stress periods.

State Government has signed MOU with Agriculture and Processed Food Products Export Development Authority (**APEDA**) and other corporates with an objective for improving the quality of the Horticulture produce to meet the

standards of domestic as well as export market.

As a part of **Organic Cultivation**, Department has signed MOU with International Competence Centre for Organic Agriculture (**ICCOA**) and Sikkim Marketing Federation (**SIMFED**) for quality improvement, Certification and initiated Organic Cultivation of Mango, Turmeric, and Vegetables in **21,250 acres**.

Government of Andhra Pradesh has played a vital role in the establishment of Central and State Government Institutions in the state. Regional Research Station on Floriculture (ICAR Institution, GOI) at Kadiyam, Central Plantation Crops Research Institute (CPCRI) (ICAR Institution, GOI) at Samarlakota, Indian Institute of Plantation Management (IIPM) at Vijayawada and also Four Private & Two Government Horticulture Colleges are some of the institutes established in the State after bifurcation.

State Government have sanctioned **12 acres** of land for Indian Institute of Plantation Management (IIPM) Centre at Gannavaram, Krishna District and also released **Rs. 10.00 Crores** as a State share against the total grant of **Rs.23.00 Crores**.

Through Andhra Pradesh Farmer Producers Organization policy 2016 (**F.P.O policy 2016**), opportunity has been given to the farmers to execute organizational activities by themselves. Efforts are being made to organise 10 Lakh farmers to form F.P.O's by coming three years. Till today, the Department of Horticulture has formed 100 **FPOs**.

Government implementing PPP-IHD (Public Private partnership – Integrated Development of Horticulture) involving corporate companies and FPO's for production & quality enhancement and for direct marketing access. **(19)** PPP-IHD proposals with project cost of **Rs. 385.55 Crores** are under implementation.

Speaker Sir,

Horticulture sector has been identified as one of the important Growth Engines

for achieving Double digit inclusive growth rate under Primary Sector Mission. For the year **2018-19**, under **State Development Plan**, an amount of **Rs. 102 Crores** is proposed for innovative schemes like Area Expansion programme, Protected Cultivation (Poly Houses & Shade net Houses), Multiple Cropping System, Farm Mechanization, Creation of Water Resources, Post Harvest Management etc.

Similarly, under Centrally Assisted State Plan Schemes, an amount of **Rs.149.19 Crores** is proposed by GOAP, for the implementation of “**Mission for Integrated Development of Horticulture (MIDH)**”.

Under **Pradhana Mantri Krishi Sinchay Yojana (PMKSY)** during the year **2017-18**, **Gol** has released **Rs. 425 Crores (60%)** and **State Government** has released **matching state share of Rs. 282.36 Crores (40%)**. To encourage **Micro irrigation state Government is providing additional subsidy of Rs. 462.73 Crores**. The total amount of **Rs. 745.09 Cr.** has been released by **A.P. Government**. Our Government is committed for Implementation of Micro Irrigation under **Pradhana Mantri Krishi Sinchay Yojana (PMKSY)** scheme in a big way in the State with a proposed outlay of **Rs. 1152 Crores** during the year **2018-19**.

Our Government has sanctioned schemes like Supply of Hybrid Vegetable Seed, Pandals, Trellies and Plastic crates with an objective to enhance the production and quality of vegetables under **Rashtriya Krishi Vikas Yojana (RKVY)**. In addition to these, assistance is also being provided to Area expansion programme of fruits and Vegetable & Promotion of Farmer Producers Organizations (FPOs).

For implementation of Oilpalm Area Expansion programme an amount of **Rs. 61.01 Crores** is proposed under **National Mission on Oilseeds and Oilpalm (NMOOP)** Mini Mission-II.

An amount of **Rs.1517.88 Cr.** has been proposed by the Horticulture Department under Revenue expenditure during 2018-19.

Dr. Y.S.R. Horticultural University:

Released 23 (Twenty three) varieties from 14 (Fourteen) Horticultural crops developed by various Research Stations of this University.

One Government Horticultural College has been sanctioned at Chinna Lataripi of Gudlur Mandal, Kandukur Constituency, Prakasam district, started functioning during 2017-18.

Three Private Horticultural Colleges have been sanctioned, started functioning under this University during 2017-18.

Under this University, a Horticultural Research Station was established at T.Venkupalem Village, Anakapalli Mandal, Visakhapatnam District.

Centre for Research and Development on Orchids was established at Horticultural Research Station, Chintapalli, Visakhapatnam District under NABARD-RIDF and started functioning.

Established Food Quality Testing Laboratory at Horticultural Research Station, Lam, Guntur under RKVY and started functioning.

This University has completed 100% registration for Post-matric Scholarships under “Jnanabhoomi” programme & stood first in the State.

Introduced student READY (Rural Entrepreneurship Awareness Development Yojana) Programme for final year students of B.Sc.(Hons.) Horticulture, to gain experience in field operations and problems related to farming and rural life.

This University has introduced Bi-monthly T&V Programme to impart training to Officers of Department of Horticulture & to get feedback on field problems.

The University has organized “New India Manthan-Sankalp Se Siddhi”, “Swachata He Seva”, “World Soil Day”, “World Adivasi Day”, “World Food Day”, Agricultural Education Day & Kisan Sammelans are some of the significant events.

This University has undergone MOU with National Academic Depository (NAD) & Agriculture Skill Council of India (ASCI).

The total budget proposed for the year 2018-19 is Rs.96.22 crores, out of which, an amount of Rs.56.22 Crores is proposed under Revenue expenditure and an amount of Rs.40 crores is proposed under Capital expenditure.

Sericulture Department

Sericulture is an agro-based labour intensive farming activity providing employment to the rural folk especially to women and has a key role in uplifting the rural economy. Sericulture assures net income of Rs.1,25,000/- per acre per annum.

9,079 acres of Mulberry plantation has been newly added to the acreage of 82,889 available upto 2016-17 increasing the Mulberry acreage in the State to **91,968**.

Produced **6389** MTs Bivoltine Cocoons with a growth rate of **28.58%** over the corresponding period of 2016-17.

Produced **1022 MTs** Bivoltine Rawsilk with a growth rate of **31.19%** over corresponding period of 2016-17.

For implementing Yarn Support price of Rs.1000/- per month, the Govt. has sanctioned Rs.42.08 crores benefitting 35000 silk weavers in the state.

Under **STATE DEVELOPMENT SCHEME 2017-18** an amount of Rs.204.78 crores was sanctioned and an amount of **Rs.140.22 Crores** expenditure was incurred up to January, 2018.

For 2018-19 under STATE DEVELOPMENT SCHEME Rs.175.12 crores is proposed, out of which Rs.74.976 Crores is proposed for different schemes oriented for the development of farmers / entrepreneurs through Sericulture activities.

Out of the budget proposed for different schemes to improve livelihood through Sericulture activities to the SC & ST farmers with 90% assistance, **Rs.2.00 crores** is

proposed under **Scheduled Castes Component (SCC)** and **Rs.5.00 crores** is proposed under **Scheduled Tribes Component (STC)**.

The total budget proposed for the year 2018-19 is Rs.175.12 Crores, out of which, Rs.175.108 Crores is proposed under Revenue expenditure and Rs.0.0125 Crores is proposed under Capital expenditure.

Animal Husbandry Department

Andhra Pradesh is rich in livestock resources where the livestock sector gets its due share in budget allocation.

I feel privileged to inform the Hon'ble members of this august house that this Government has been attaching top priority to livestock sector because of the fact that majority people are engaged in livestock rearing to earn their livelihood and the sector is known to offer consistent income even in adverse seasonal conditions due to its high instability index. The state is home tract world renowned Livestock breeds like Ongole and Punganoor cattle, Nellore jodipi sheep and Aseel poultry.

More than 20 lakh households are engaged in livestock rearing activities. The state has valuable Livestock resources and occupies 1st position in Sheep population, 3rd position in poultry population and 5th in Buffaloes populations in the country.

The value of livestock products for the year 2016-17 is estimated at Rs.59,796 Cr, contributing about 9.32% to the state's economy.

The state is leading in Egg production (1583 Crores) producing almost one egg out of every five eggs produced in the country. The state is also one among the top producers of Meat (4th position – 6.32 LMT) and Milk (5th position – 121.77 LMT) in the country and aims to become one among the top three states in the country in Milk, Meat & Egg production by 2022.

The Government has taken several initiatives including production and preservation of fodder in public private partnership, so that the best quality fodder

is available to the farmers throughout the year in open market at reasonable prices which will also help to encourage rural entrepreneurship in dairy sector.

Our Government has been taking several initiatives to improve the productivity of animals offer value added infrastructure, ensure remunerative prices to the livestock products and make the fodder resources available to the formers.

It is also proposed to allocate an amount of Rs.393.31 Crores under Normal State Plan, Rs.20 Crores under Rural Infrastructure Development Fund (RIDF) and Rs.68.93 Crores under Centrally assisted state plan schemes. Thus, a total of Rs.482.04 Crores will be utilized to further strengthen the livestock sector in the state under state plan during the year 2018-19.

Infrastructure development is key to the success of service delivery in veterinary services. Construction of new buildings to the Veterinary Institutions will be taken up along with required equipment provision under RIDF. An amount of Rs.20.00 crores is proposed for implementation of this scheme.

Under Centrally Assisted State Plan Schemes during the year 2018-19, it is proposed to implement (I) National Livestock Health & Disease Control Programme (II) National Livestock Management Programme and (III) National Plan for Bovine Breeding and Dairy Development. An amount of Rs.68.93 crores is proposed for implementation of the schemes under CASP.

The Government has introduced MPGK (Mega Pashugraasa Kshetralu) scheme to overcome the fodder shortage in the state. As a part of this programme, Entrepreneurs/NGOs are involved in the production of Green fodder locally in the villages and surplus green fodder is converted in to silage in the form of bales which will be distributed in fodder deficit areas during the summer season to minimize fodder scarcity in the state.

The Government has also decided to tackle fodder shortage by making of 10.00 lakh quintals of silage and 5 lakh quintals of TMR available to the farmers in the state.

For faster multiplication of superior germ plasm, IVF technology has been planned to be implemented in a big scale involving JK Trust.

The total budget proposed for the year 2018-19 is Rs.1223.40 Crores, out of which, Rs.1121.04 Crores is proposed under Revenue expenditure and Rs.102.37 Crores is proposed under Capital expenditure.

Sri Venkateswara Veterinary University:

The following institutions were started during 2017-18 in Private Sector under affiliation to Sri Venkateswara Veterinary University.

- i. College of Dairy Technology at patavola, East Godavari District.
- ii. Fisheries Polytechnic at Patavola, East Godavari District.
- iii. Dairy processing Polytechnic at Sangam Jagarlamudi, Guntur District.
- iv. Animal Husbandry Polytechnic at Kanumala, Prakasam District., Narasaraopet, Guntur Dt. and Vokkapatla Vari Palem, Nagayalanka, Krishna District.

Government has sanctioned Teaching and Non-teaching posts to Animal Husbandry polytechnic, Rapur and Fisheries polytechnic, Bhavadevarapalli.

The Government has sanctioned Rs. 81.72 Cr. under RIDF for providing infrastructure for the newly sanctioned Veterinary College at Garividi, Vizianagaram District.

A total number of 905 students were admitted in different courses during 2017-18.

The University implemented 10 externally funded Research Projects for which an amount of Rs. 66.00 lakhs were released by different funding agencies. 6 research Projects were sanctioned under Rashtriya Krishi Vikas Yojana (RKVY) for which Rs. 346.00 lakhs were released.

The University has entered into MOU with i Web Technologies for automation and Jio for internet connectivity and SVU and SPMVV for Teaching and Research Collaboration.

Inaugurated State of Art IVF and Frozen semen laboratory at Lam Farm, Guntur, e-Procurement system was introduced for purchases.

Internees dormitories and farmer's Hostels were constructed at different places.

Research is under progress to develop a common vaccine for Leptospira Disease that affects human beings and livestock.

Pasu Vignana Panchangam was released for the first time.

Through IVF Technology 36 embryos were transferred in Ongole Cattle at Lam Farm, Guntur.

Supplied 1.5 lakhs semen doses of elite Ongole, 600 doses of Punganuru Breed, 400 Breeding Rams, 2000 Cross Bred Piglets, 70 Metric Tonnes of complete feed, 5000 Rajasri Birds besides, fodder slips covering 200 acres to farmers besides conducting more than 50 Training programmes to farmers.

Toll free number was introduced for the benefit of farmers.

The total budget proposed for 2018-19 is Rs.130 Crores, out of which, Rs.100 Crores is proposed under Revenue Expenditure & Rs.30 crores is proposed under Capital Expenditure.

Fisheries Department :

Fisheries and Aquaculture with its vast resources and potential is continuously achieving double digit growth rates in the State. A.P. ranks 1st in total production and value of shrimp and fish in the country. The sector contributes 6.4% to GSDP and is providing employment to about 14.5 lakh populations in the State. The sea food exports from the State for the year 2016-17 reached to about Rs.17000 Crores against the total exports of Rs.37871 Crores of the country, which is about 45% share in India. During 2017-18, it is targeted to produce 33.84 lakh tonnes with GVA of Rs. 42110 Crores (constant prices) with growth rate of 22.35% on production and 35.65 % on GVA and up to December 2017, the fish and prawn production achieved is 27.49 lakh tonnes with GVA of Rs. 34041.43 Crores (Constant prices).

The Government is promoting best practices like simplifying the procedures for registration of Aqua farms through Mee-seva, permitting aquaculture in DKT lands, cluster approach and continuous awareness campaign on BMPs at primary producer level in 181 aqua clusters covering 1,27,433 Ha farm area , pond automation, record keeping and usage of antibiotic free inputs, disease surveillance by establishing disease diagnostic labs, promotion of two stage (nursery and grow-out phases) culture practices which is more efficient and cost effective leading to higher productivity and On-Farm Demonstrations (OFD) in Chandranna Aqua Rythu Kshetralu (CARKs) with latest technological interventions, to continue the growth in the sector.

Speaker Sir,

During 2017-18, an amount of Rs. 210.94 Crores was sanctioned for various Fisheries Developmental Schemes and an amount of Rs. 161.31 crores incurred as expenditure upto December, 2017.

The Government is extending various incentives and subsidies to the fish and prawn processing sector under the A.P. Fisheries Policy, 2015.

The Government strives to promote Sea-weed culture, open-sea cage culture and deep sea fishing and development of Fishing harbours and Fish Landing centres in marine sector and establishment of AQF, BMC and hatcheries for alternate species like Mudcrab and Seabass to make available quality seed to the aqua farmers and dredging of creeks and drains, laying of power lines and approach roads to aquaculture area.

All these initiatives will make to realize the objective of making Andhra Pradesh an Aqua Hub of World.

The total budget proposed for the year 2018-19 is Rs.386 Crores, out of which, Rs.366 Crores is proposed under Revenue expenditure and Rs.20 Crores is proposed under Capital expenditure.

Agricultural Marketing Department:

Agricultural Marketing Department is associated in promotion, regulation and information dissemination pertaining to marketing of Agricultural Produce.

The Agricultural Marketing Department has 191 Agricultural Market Committees managing 324 no. of market yards including sub-yards. Functional markets are in operation for trading of grains and other agricultural commodities (10), Fruits (21), Vegetables (25), cattle (33) and cotton (43) in the State.

The Department is operating **96 Rythu Bazars** in the State and 56 new Rythu Bazars are sanctioned which facilitate direct sale of vegetables by the farmers without middlemen and thereby ensuring remunerative prices to the farmers and supply of quality vegetables at reasonable prices to the consumers.

The Department had 1038 Godowns with a capacity of 9,11,666 MTs in the State of Andhra Pradesh.

Electronic National Agricultural Market (e NAM) is being implemented in 22 Markets in the state. Under e-NAM trade value is Rs.2954.97 Crores up to 28-02-

2018. This Department submitted proposals for 47 new markets under e-NAM during 2018-19 and quality assaying labs will be setup in all e- NAM markets this year.

1. This Department has taken up modernization of 14 Market Yards and 89 Rythu Bazars during this year.
2. Rythu Bandhu Pathakam is an important scheme of the Department to provide pledge loans to the farmers on the produce stored in the godowns of Agricultural Market Committees, wherein farmers avail loan of 75% value of the produce subject to a maximum of Rs.2.00 lakhs without interest for a period of 180 days. During 2017-18 (up to Jan-2018) 3637 farmers have been benefited under this scheme to a tune of Rs.43.39 Crores.

The budget proposed under Revenue expenditure for the year 2018-19 is Rs.11.83 Crores.

Co-operation Department:

Keeping in view of the thrust given by the Government of Andhra Pradesh, the DCCBs are providing finance to Tenant Farmers. During the present financial year up to 18.12.2017, the DCCBs have disbursed aggregate amount of Rs. 391.36 Crores to 98278 tenant farmers.

Agriculture Credit:

Interest Rebate:

State Government is providing 6% interest rebate to the farmers for timely payment on Medium/Long term loans to encourage loaning from Co-operative Sector.

Interest subsidy:

Interest subsidy @2.5% is provided by the State Government to the Co-operative Institutions (APCOB, DCCBs, PACS) to enable them to provide short term crop loans out of their own funds @7% to the farmers.

To repay the pending interest rebate and interest subsidy claims of 2014-15, an amount of Rs.57.00 Crores is proposed in 2018-19. Thereby 84,712 farmer members under Interest Rebate and 13,45,207 farmer members under Interest subsidy will be get benefited.

PACS is providing various services to the farmers. They are providing Fertilizer, pesticides, Seeds, Agriculture implements. Further procuring the harvested crops directly from the farmers and help the small and marginal farmers to get support price for their produce. There by the PACS are providing integrated services for the overall development of the farmers.

The proposed Budget for Cooperation Department for 2018-19 under Revenue Expenditure is Rs.208.11 Crores.

Power Department:

Government is committed to provide 7 hours of free, quality and reliable power supply to agriculture sector. There are 16.97 lakh agriculture services in the State as on December, 2017.

Government has taken-up A.P. High Voltage Distribution System (APHVDS) scheme to cover 46,727 agriculture services in 7 districts of Andhra Pradesh at a total cost of Rs.294.75 crores. JICA has sanctioned loan assistance to an extent of Rs.252.80 crores for the above purpose. An expenditure of Rs.297.69 crores has been incurred so far covering 49,319 agriculture services in the state upto the month of December, 2017.

Government has taken-up AgDSM scheme to replace non-ISI pump sets with energy efficient Five star rated ISI pump-sets with the help of Energy Efficiency Services Limited (EESL), a Government of India Undertaking. A Pilot project was executed in Rajanagaram Mandal, East Godavari and replaced 973 Nos Non-ISI pump-sets. Based on the satisfactory results obtained, replacement of one Lakh old

/ Non ISI pump-sets is taken-up initially. As on 31st December, 2017, total of 6969 Nos pump-sets were replaced.

The proposed budget under Revenue expenditure is Rs. **2500** crores for the year 2018-19.

NREDCAP:

Our Govt. is taking up the Solar pumpsets programme in a big way in the State through M/s. New & Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP). These solar pumpsets are of 3 HP & 5 HP capacities. The State Government is providing 60% of cost of the pumpset as subsidy and the Government of India is arranging 30% as Central Financial Assistance and the farmers contribution is only 10%. The solar pumpset will work in the day time so that the farmers need not go to fields in the night time. The solar pumpset can be installed in the remote areas, where there is no feasibility for laying of conventional power lines. So far, the GoAP has installed 25,000 pumpsets mainly covering the Small and Marginal, SC/ST & NTR Jalasiri farmers (8,275 Nos) by spending around Rs.400 Cr.

The State Government is planning to install 1,00,000 no. of solar pumpsets in the year 2018-19 with an estimated subsidy amount of Rs.1800 Cr.

MGNREGA linking to Agriculture

The MGNREG Act enables to take up works in agriculture fields belonging to Small & Marginal farmers with the objective to enhance the productivity and to enhance their livelihoods. Land development of fallow and cultivable lands, Horticulture plantations, bund plantations and fodder plantations have been extensively taken up under EGS in the state of Andhra Pradesh.

Besides these, Water Conservation works and Soil Moisture Conservation works to increase the Ground Water table, Restoration of Minor irrigation tanks, Feeder

Channels, Supply Channels and Field Channels are taken up to restore the tanks to their original storage capacities.

As per the provision in Schedule – I of the Act, that at – least 60% of the works to be taken up in terms of cost shall be for creation of productivity assets directly linked to agriculture and allied activities through development of land, water and trees at district level.

In this connection, the State Government is planning and implementing various convergence activities among MGNREGA and Agriculture and Allied activities to make agriculture activity more profitable to the farmers and to improve the productivity in Agriculture.

The Government of Andhra Pradesh has taken up farm ponds under ‘Panta Sanjeevani’ program apart from other drought proofing activities under flagship program of “Neeru – Chettu” and “Neeru – Pragathi” to support the small and marginal farmers who are facing difficulties due to erratic, reduced rainfall, prolonged dry spells and continuous drought conditions leading to crop failures.

The Panta Sanjeevani programme, has been taken up as a massive key initiative to harvest rain water during rainy season and using the same for providing supplementary life saving to standing crop by promoting indigenous rain-water harvesting technologies, besides percolating the runoff water into ground. During the Financial year 2017-18, 2.67 lakh Farm ponds are taken up in the state, which is highest in the country.

Speaker Sir,

Detailed action plans are prepared for the year 2018-19 with an amount of RS.3980 Crores towards the Agriculture and allied activities under MGNREGS. During 2017-18, an amount of Rs.2722 Crs spent on Agriculture and allied activities under MGNREGS so far.

The Government of AP has introduced 10 Star ratings for holistic development of Rural Areas, in which 8th star is crucial which is providing Rs. 10,000/- income to the Rural House Holds by taking up the following activities under MGNREGA duly converging with Agriculture department.

1. Land Development Activities
2. Silt Application to enhance productivity of the land
3. Improving the ground water
4. Promotion of organic fertilizers
5. Promotion of Orchards as part of crop diversification
6. Construction of rural warehousing for storage and grading of the agriculture produce
7. Formation of roads to Agriculture fields
8. Improvement of Ground water in over exploited villages through special interventions under Watershed and NEERANCHAL projects

The budget proposed in MGNREGA towards the Agriculture & allied activities under Revenue expenditure is Rs.4,730 Cr. for the year 2018-19.

Our Government has taken special initiatives and introduces the Agriculture & allied Departments Budget for the year 2018-19 with a total outlay of Rs.19070.36 Crores, out of which Rs. 18602.98 Crores is proposed for Revenue expenditure and Rs. 467.38 Crores is proposed for Capital expenditure.

ఆకుపచ్చని లోకములోకి ఆశల లోగిళ్ళలోకి...

మంచికాలం మళ్ళీ వచ్చింది...

చంద్రన్న మనస్సంతా ఆకుపచ్చని అమరావతి కోసమే...

రైతును ప్రపంచ పటాన గర్వంగా నిలబెట్టడమే...

చంద్రన్న ఆశయం

అదే మా ప్రభుత్వ ధ్యేయం.
