

## PRE - SOWING FORECASTS FOR RABI 2014-15

To know rabi harvest prices of groundnut, maize and chilli, an econometric (Time series) analysis has been performed using the ARIMA, SARIMA and ANN techniques via SAS software with the secondary data available in various departmental websites. After acquainting the data over a period of 12 years (April 2002 onwards – Till date) the analysis was done. The price forecast has been made based on the modal prices of the commodities for selected markets. Also the traders' suggestions have been taken into consideration. The Rabi pre - sowing forecasts made by the Hyderabad NPML team, PJTSAU for the states of Telangana & Andhra Pradesh are presented as the following:

### Groundnut

Groundnut production in India is estimated to be down 30 per cent this year as farmers did not get a sufficient price the previous season, according to Solvent Extractors' Association of India (SEA), the vegetable oil industry and trade body.

The SEA report states Gujarat, the largest groundnut producing state, might see 1 mt of less output this year, at 1.42 mt from last year's 2.5 mt. Production in Andhra, another major producer, might decrease by 220,000 tonnes from last year's 600,000 tonnes. The total area under groundnut in the country reduced by 620,000 hectares or 14.4 per cent, from 4.32 mn hectares last year to 3.7 mha in 2014-15. Gujarat's reduced by 435,000 ha, from 1.66 mha last year.

In Telangana this year area of Ground nut in kharif is 0.3 lakh hectares and in rabi season is 1.7 lakh hectares, In Andhra Pradesh area in kharif is 10.9 lakh hectares and in rabi season is 1.06 lakh hectares. Ground nut price per quintal will be around **Rs.3900-4500/q** by the time of harvesting.

### Maize

In Andhra Pradesh and Telangana, the districts like Karimnagar, Medak, Nizamabad, Mahabubnagar, Guntur, Warangal and West Godavari contribute 80 per cent of the total maize production. Maize price mainly depends upon demand for poultry feed, rainfall factors, production and export demand besides crude prices.

In Telangana this year area of maize in kharif is 4.67 lakh hectares and in rabi season is 1.52 lakh hectares, In Andhra Pradesh area in kharif is 0.75 lakh hectares and in rabi season is 2.01 lakh hectares. Maize price per quintal will be around **Rs.1250-1350/q** by the time of harvesting.

## **Chilli**

Generally, chilli arrivals from throughout all over India hit the market from November to May. It begins with the first crop from Madhya Pradesh and Karnataka in the November followed by Maharashtra and Andhra Pradesh in December. Crop status in all the major producing States, especially in Andhra Pradesh, amount of carry forward stock, domestic, and export demand decides the price of chillies.

In Telangana this year area of Chilli in kharif is 0.58 lakh hectares and in rabi season is 0.24 lakh hectares, In Andhra Pradesh area in kharif is 1.09 lakh hectares and in rabi season is 0.21 lakh hectares. Chilli price per quintal will be around **Rs.7800-8600/q** by the time of harvesting. However, the prices may vary according to the wide range of varieties of chilli and their qualitative parameters.