



Major Achievements

Indian Council of Agricultural Research
for the year

2015

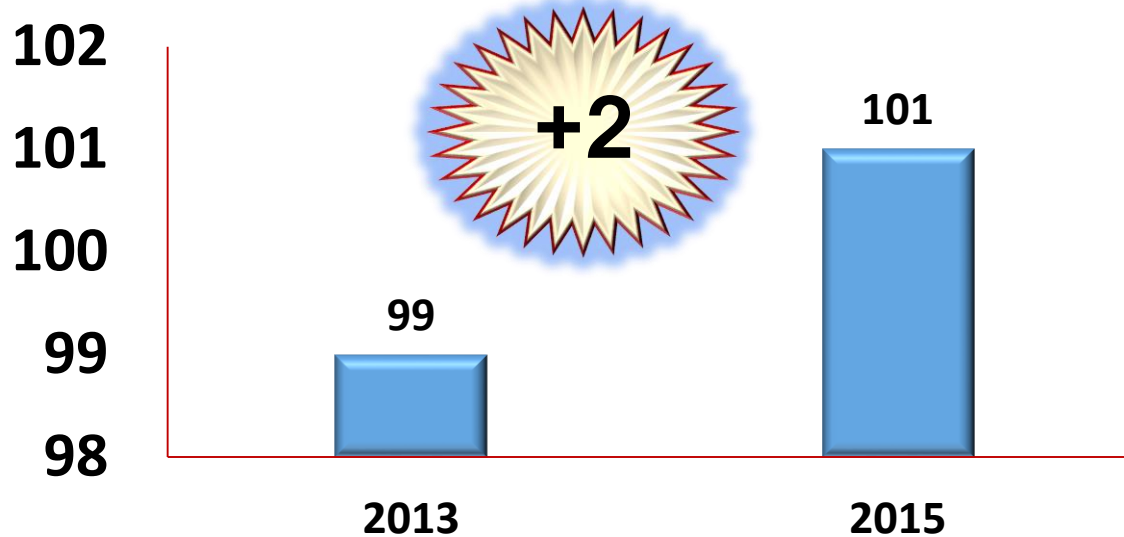


• RESEARCH

• EDUCATION

• EXTENSION

New Institutes- Promotion of Research & Education

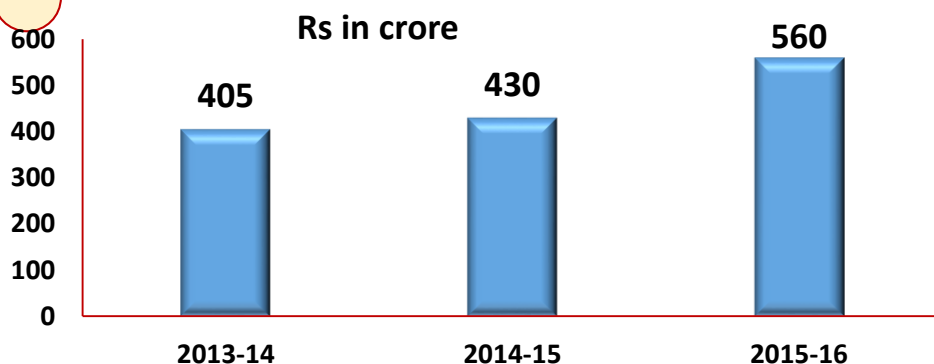


- A new agricultural research institute at Barhi, Jharkhand, on the pattern of PUSA institute, New Delhi
- National Centre for Integrated farming Research at Motihari, Bihar



Strengthening Agricultural Education

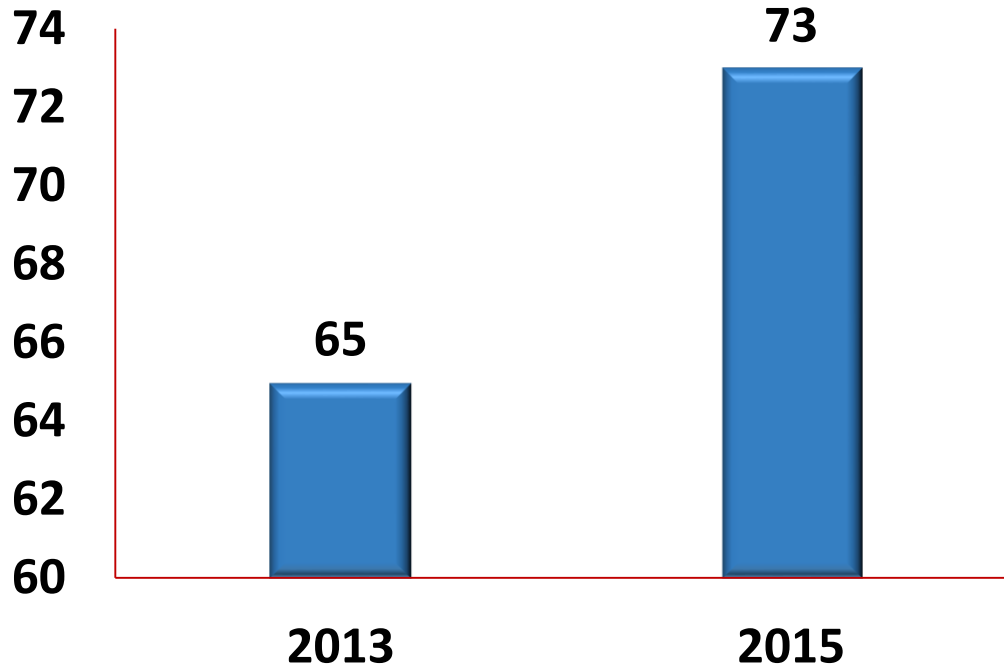
40% increase in Agricultural education budget compared to 2013-14



- Six new Colleges under Central Agricultural Universities taking the number of colleges to 13 from 7
- Four new colleges in Bundelkhand under Rani Laxmibai Central Agricultural University



Eight new agricultural universities

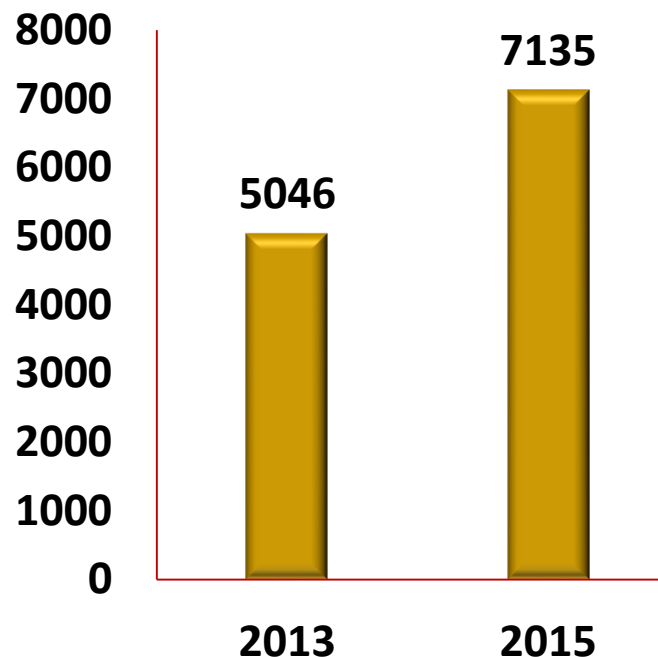


- Eight new agricultural universities were established in different states to encourage the higher education in agriculture

Admission in State Agricultural Universities through ICAR (UG & PG)

41%

- The number of students was increased at UG and PG level to encourage the higher education in agriculture
- 41 % rise in admission of students in State agriculture universities through ICAR, compared to 2013



Remodeling of Krishi Vigyan Kendra - 2015

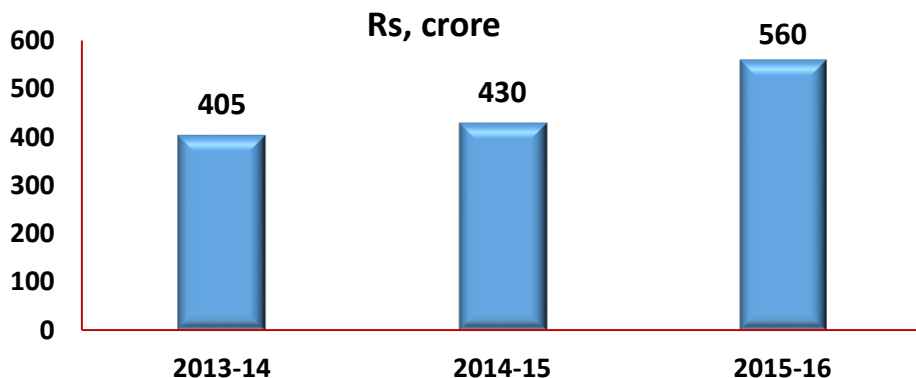
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Rs 3900 allotted for extension and remodeling of Krishi Vigyan Kendra

‘KVKs can generate the confidence in farmers’

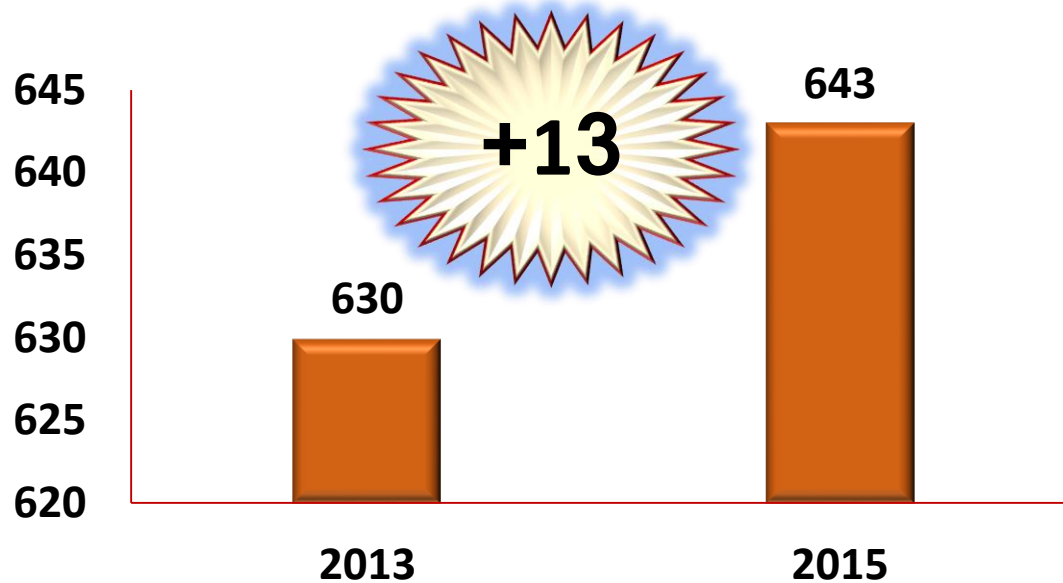
643 KVK



New initiatives

- Number of staff increased from 16 to 22 in KVKs
- Soil and water testing labs started in 197 KVKs
- Rain-harvesting infrastructure provided in 183 KVKs
- Minimum processing facilities made in 221 KVKs
- Seed processing small units started in 119 KVKs

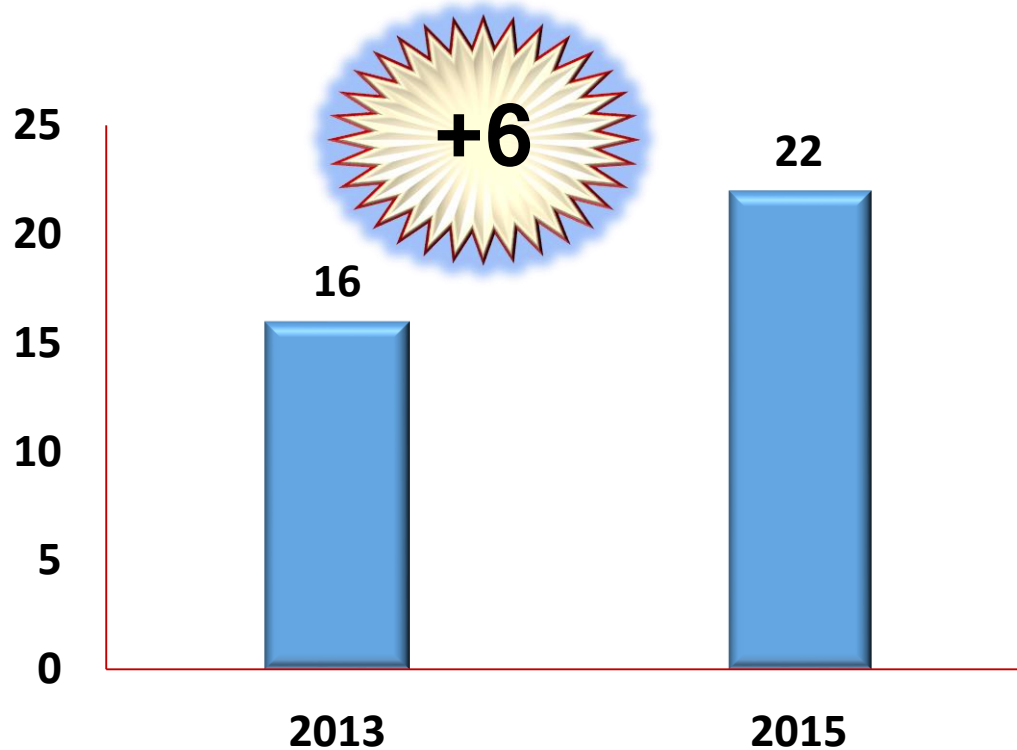
नए कृषि विज्ञान केंद्र (केवीके) NEW Krishi Vigyan Kendra (KVKs)



- Number of KVKs is being increased to propagate the new technologies to the farm gate
- Two KVKs are being planned for large districts



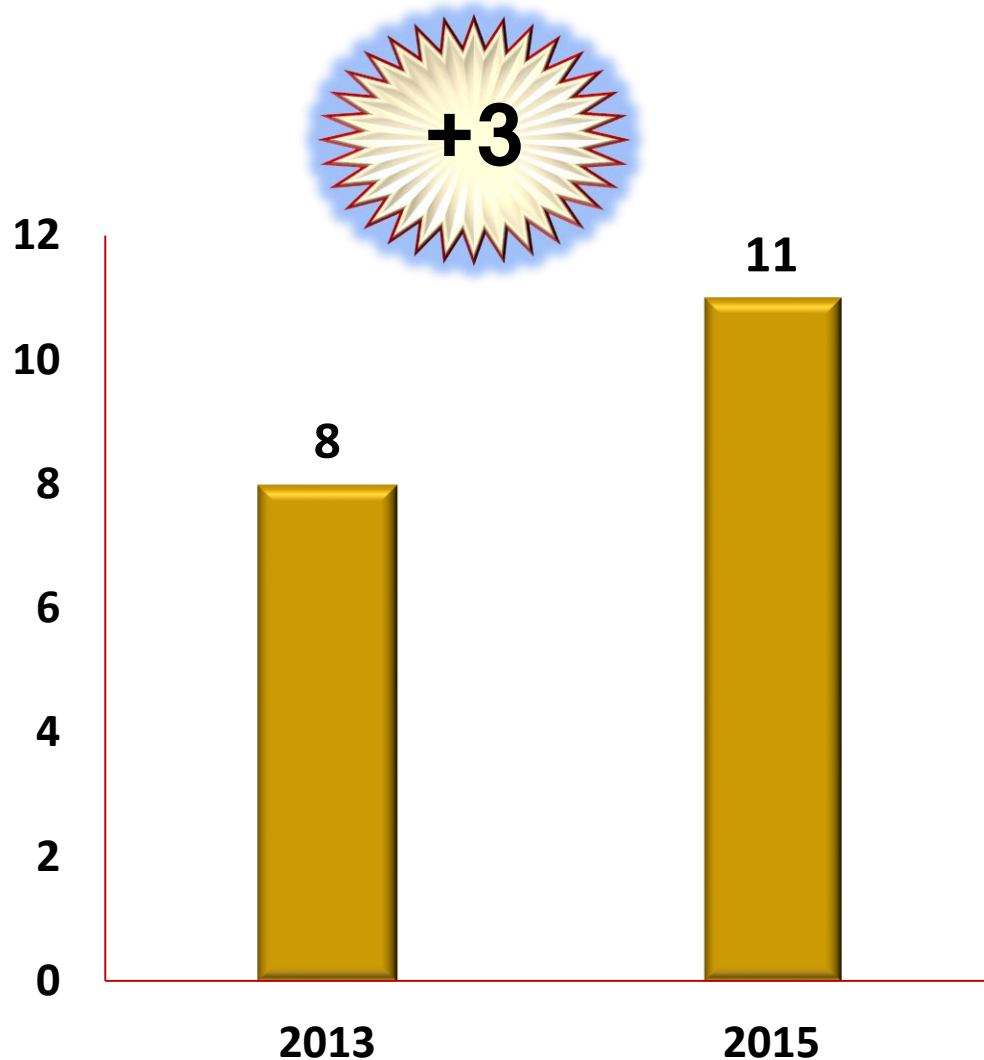
Increase in the number of staff in KVKs



- Number of staff increased from 16 to 22 in KVKs to provide information on new aspects related to agriculture and strengthen the relation between farmers-scientists



Three new Zonal Project Directorate (ATARI)

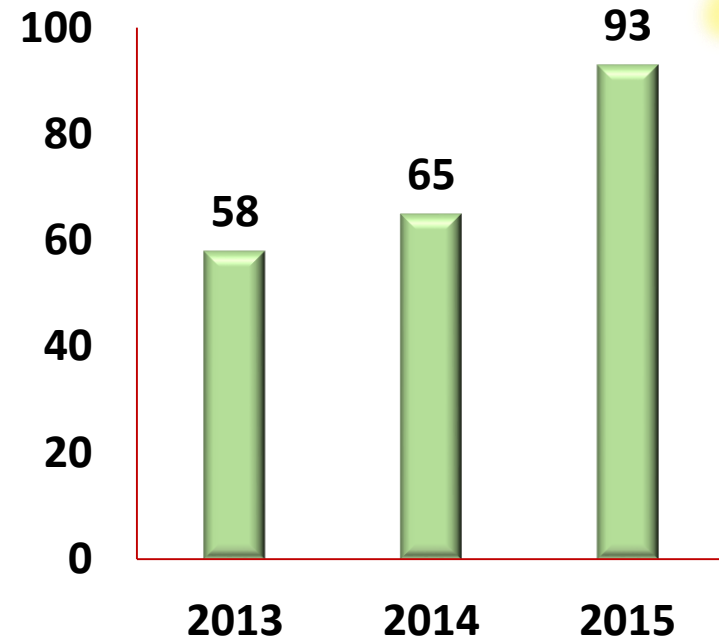


- To make KVKs more efficient and effective, the Zonal Project Directorates were developed into Agricultural Technology Application and Research Institute (ATARI)
- The number was increased from 8 to 11

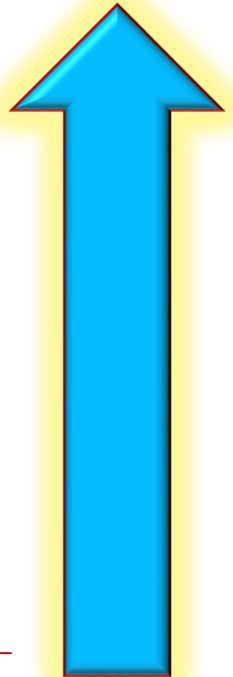


New Improved Varieties of Crops

- Emphasis was on development of improved varieties of cereals, pulses, oilseeds and horticultural crops
- 60 % more varieties were developed in comparison to 2013
- These varieties are having traits related to nutrition, disease-resistance, climate- resilient and early maturing



60%



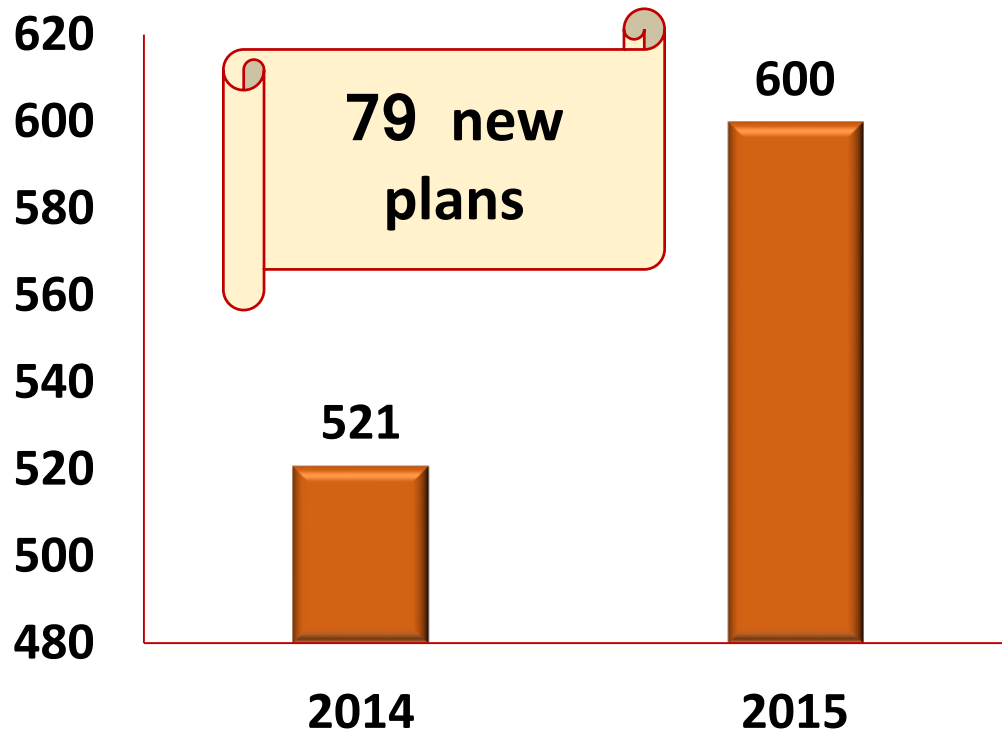
Special emphasis on Pulses and Oilseeds



• New initiatives

- Special efforts initiated to make India self sufficient in production of pulses and oilseeds
- Improved technologies for pulses were demonstrated at different parts of the country by 300 KVKs
- Improved technologies for oilseeds were demonstrated at different parts of the country by 200 KVKs
- In total 60,000 ha area was covered under demonstrations
- Farmers were provided seed and technology support

New District Contingency Plans

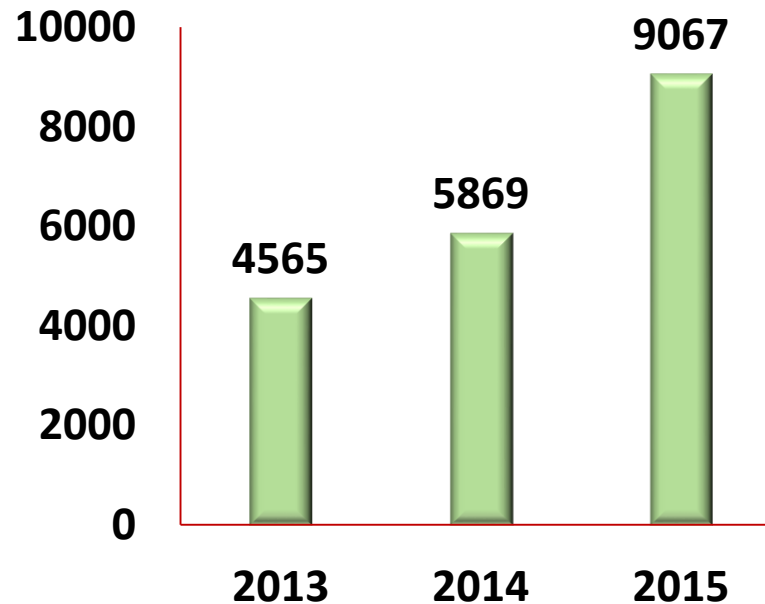


- To mitigate the effect and save the livelihood of farmers from natural calamities like drought, floods, fog, storms etc., new Contingency plans were developed at district level
- **Eighty new plans were developed and implemented in 600 affected districts**
- **All the plans were improved after consultation with farmers and scientists**

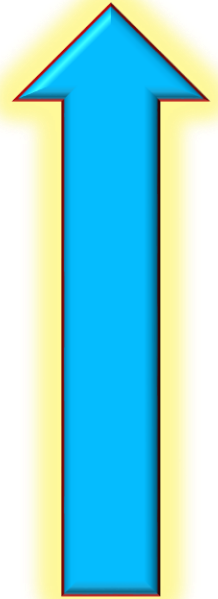


Development of New Implements

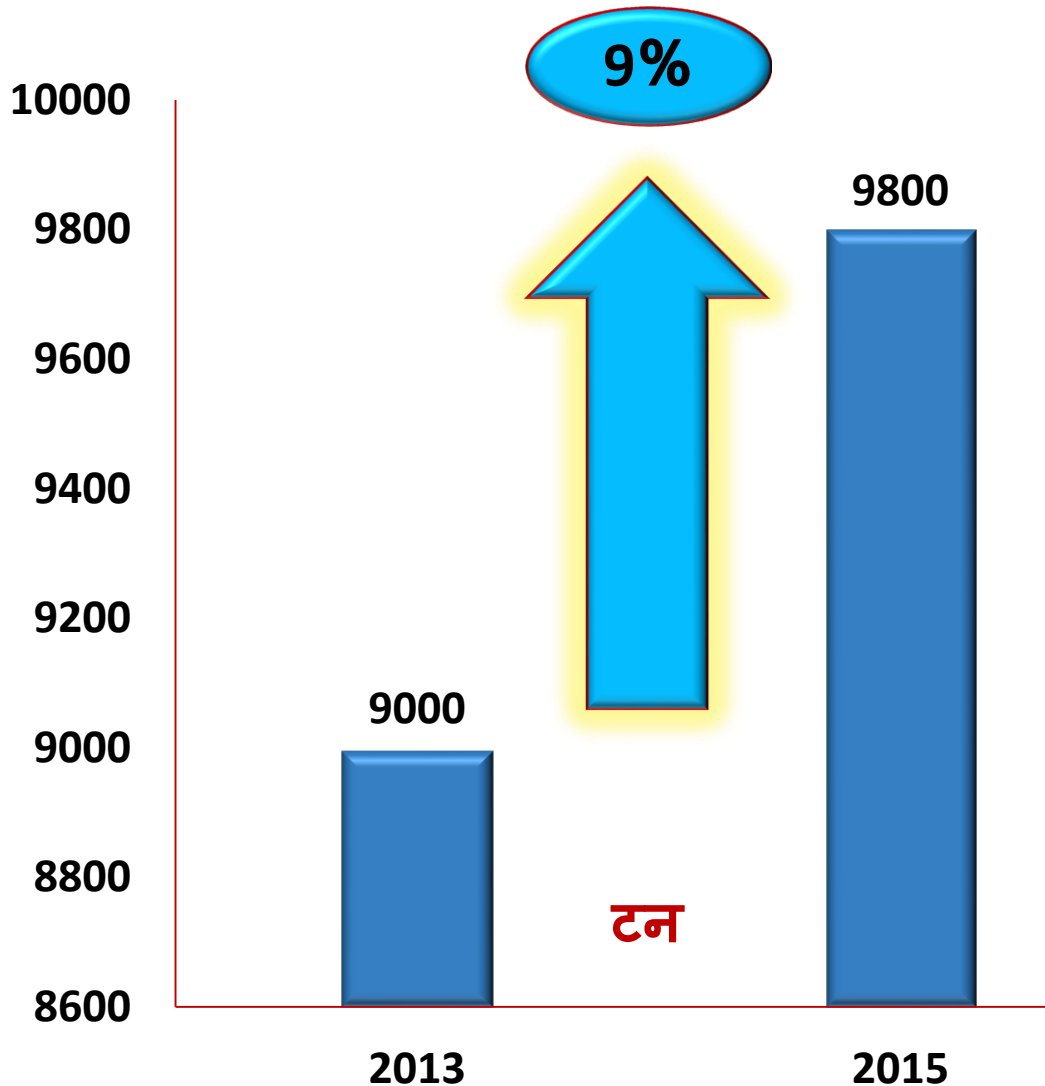
- New prototypes for tools were developed to increase the work efficiency and decrease the input cost
- The number of these new prototypes is nearly double the number in 2013
- The tools not only helped in reducing the drudgery but also made the work undemanding



99%



Supply of Breeder Seeds by ICAR

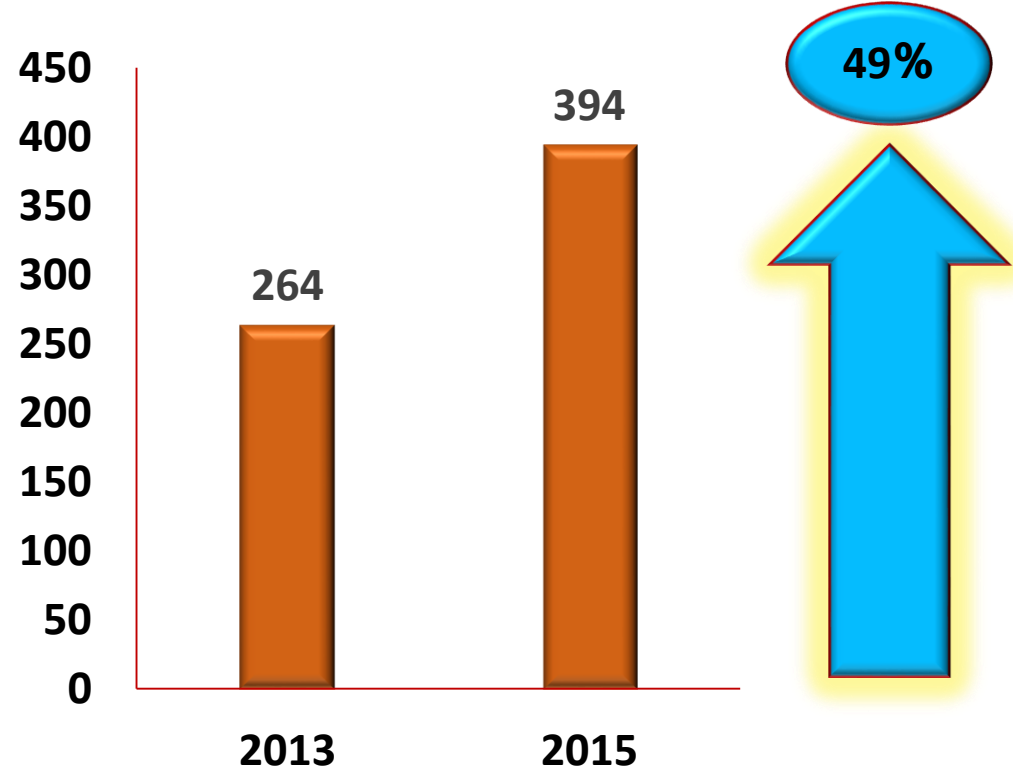


- Emphasis was on production of breeder seeds of different crops to provide farmer healthy and certified seeds
- The initiative helped in improving the production of quality seeds



Experiential Learning Units at Agricultural Universities

- **Number of Experiential Learning units** was increased to provide earn-while-learn opportunity to students in agricultural universities
- **The number increased by 50 % compared to 2013**



World Soil Day

5 December 2015

- Organized in 607 KVKs and 80 ICAR institutes/ State Agricultural universities
- 2.5 lakh Soil Health Cards were prepared and distributed

**Healthy Soil
fertile field**

- Soil testing kit developed for instant testing of soil testing and fertilizer recommendation
- Soil testing work is in progress in whole country

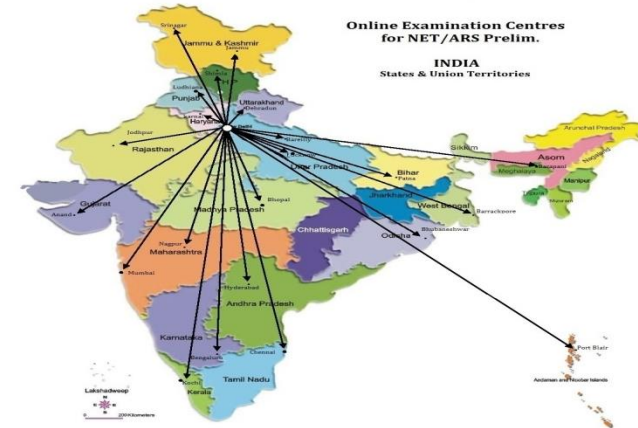
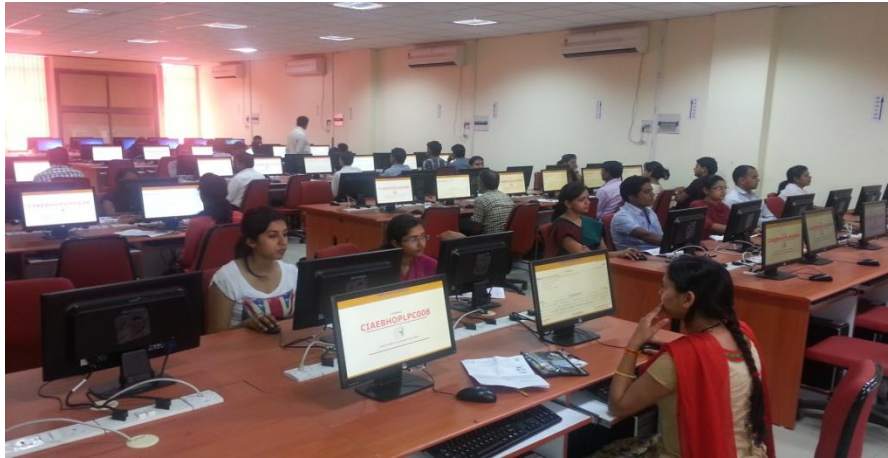




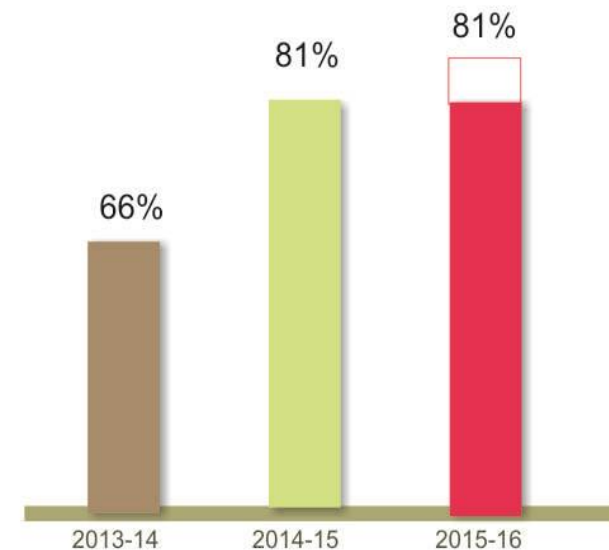
**Organized Farmers Awareness week (23-29 December 2015) at
ICAR Institutes and KVKs**

- **Government of India is committed to encourage use of science for the welfare of farmers**
- **Prime Minister Agriculture Irrigation Scheme is to provide water to each field**
- **Scientific advice to farmers through SMS on the mobiles**
- **Development of climate resilient-crop varieties**
- **Encouragement to Lab to Land programme**

Increase in Recruitment of Scientists



- In 2014-15 and 2015-16 recruitment of agricultural scientists was 81% in comparison to 66 % of 2013-14
- Process for recruitment of young scientists through open competition was accelerated
- All India Examinations of ARS and NET were made online
- Representation of women scientists Increased



New Initiative in 2015

- Mera gaon- Mera gaurav
- Vision 2050
- Farmer First
- Student READY
- ARYA
- एग्रीटेक दूरदर्शिता केन्द्र Agritech Vision Centre ???
- Consortia Research platform
- External Financial Aid??
- राष्ट्रीय कृषि विज्ञान निधि
- National Agricultural Science Fund



Vision
2050



Forthcoming targets.....

- Establishment of IARI in Asom
- Development of Pusa, Bihar into CAU
- Establishment of CAU at Barapani, Meghalaya
- Establishment of 109 new KVKs