

Annexure x

Seed Pelleting Training

As per the action plan 19 of Proceedings of 84th Scientific Workers Conference held on 19.10.2019 at TNAU, Coimbatore, two training on seed quality enhancement techniques including seed pelleting and coating were given to seed producers and farmers on 3rd - 4th October, 2019 and to the Officials of Department of Agriculture on 30th - 31st, October, 2019 at Department of Seed Science & Technology, Seed Centre, TNAU, Coimbatore with the financial assistance of NABARD. The training programme was inaugurated by the Director, Seed Centre and 30 participants in each training programme were participated.

The farmers were dealt with seed crop management techniques and various seed quality enhancement techniques. The farmers were demonstrated with various seed treatment methods *viz.*, seed hardening, coating, pelleting, live seed separation, pre-germination technique etc.

In the training, seed enhancement techniques on seed pelleting and seed coating were explained and practical know how were demonstrated to the farmers and officials. The following lectures and demonstrations were conducted by the scientists.

- Importance of quality seeds in agriculture
- Seed fortification, hardening and priming methods for vigour improvement and drought tolerance.
- Seed coating and pelleting for mechanical sowing.
- Integrated seed quality enhancement techniques.
- Demonstrations on seed dormancy breaking and seed hardening methods.
- Demonstrations on seed priming and fortification.
- Demonstrations on seed coloring, pelleting and designer seed development.
- Live seed separation technique in groundnut & its demonstration.

In the training, farmers and officials of Department of Agriculture were actively participated and practiced the seed pelleting and coating technology by themselves. The participants were highlighted the importance of the seed pelleting and coating technology by assuring that they will practice in their farm for the cultivation of crop.

Training to farmers and seed producers



Training to Officials of Department of Agriculture



For training the officials / staff of the Department of Agricultural Marketing and Agri Business Development, a training proposal on "Value addition of seeds through seed pelleting technique for better crop establishment and enhanced productivity" worth of Rs.1.53 lakhs has been submitted to the Commissioner of Agricultural Marketing & Agri Business, Chennai for funding on 05.11.2019.