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Technology Assessed and Transferred

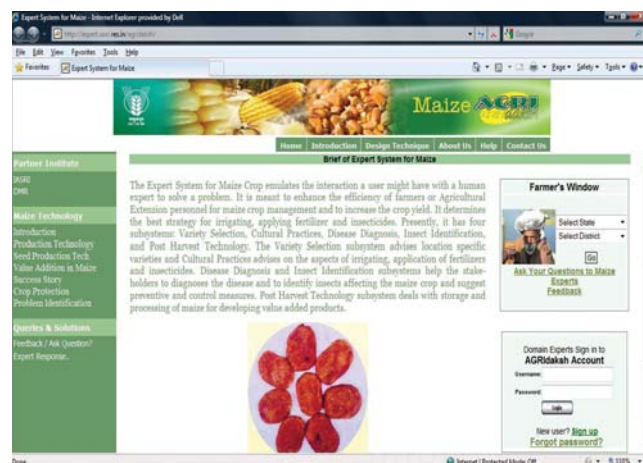
Launch of AgriDaksh and Expert System on Seed Spices

Secretary, DARE and DG, ICAR launched AgriDaksh and Expert System on Seed Spices on 24 February 2011 during Director's Meeting held at NASC Complex, New Delhi.

AgriDaksh

AgriDaksh, a tool for building online expert system, has been developed at the Division of Computer Applications, Indian Agricultural Statistics Research Institute, New Delhi. AgriDaksh has modules on Knowledge Model Creation, Knowledge Acquisition, Problem Identification, Knowledge Retrieval, Ask Questions to Experts and Administration. AgriDaksh enables domain experts to build online expert system in their crops with minimal intervention of knowledge engineers and programmers. With its use, it is possible to build online expert system for each and every crop in shorter time and resources. Online expert systems have the capability to transfer location specific technology and advice to the farmers efficiently and effectively. This in turn will reduce losses due to diseases and pests infestation, improve productivity with proper variety selection and increase in income of the farmer. **Maize AgriDaksh** is the first system developed by IASRI in collaboration with Directorate of Maize Research, New Delhi using AgriDaksh. Maize AgriDaksh provides ICT based advisories on Maize Crop and allows interaction with experts using

Internet. Maize AgriDaksh is available online at <http://expert.iasri.res.in/agridaksh>.



Expert System on Seed Spices

Expert System on Seed Spices (EXPSS) has been developed in collaboration with National Research Centre on Seed Spices (NRCSS), Ajmer. This expert system extends large amount of research work done by the NRCSS and SAU's pertaining to crop management on 4 major and 6 minor seed spices to the farmers in a scientific way. It provides expert advice to farmers on variety selection, field preparation, fertilizer application, schedule of irrigation, plant protection from pests/diseases/nematodes. It also



provides solution to the problems faced by the farmers through online queries. It helps in identifying insect/ pest attack and suggests remedial measures. This system will help in transfer of technology for the enhancement of production level of seed spices. It is an integrated system which addresses all aspects of seed spices crop management in India. EXPSS is available online at <http://iasri.res.in/expss>. Some screen shots of EXPSS are:

