

Rajendra Agriculture University, Pusa

- **Project Name:** Response of FCI-Aravali Gypsum in Reclamation of calcareous sodic soils in Muzaffarpur District of Bihar
- **Principal Investigator:** Dr. Shiveshwar Pratap Singh, Junior Scientist –cum- Assistant Professor (Department of Soil Science)
- **Duration:** Feb. 2010 to Mar. 2013
- **Cost:** ₹ 19,60,000/-
- **Description of R&D project:**
 1. Gypsum should be applied based on soil testing (@50% of gypsum requirement) or 4t/ha. Gypsum should be applied along with pressmud (or organics) @10t/ha.
 2. On the basis of B:C ratio, the application of gypsum (@4t/ha) along with sulphitation pressmud (SPM) @ 10t/ha and *Dhaincha* was found to be the best. While on the basis of net return, Gypsum (@4t/ha) + SPM (@10t/ha) + *Dhaincha* was found to be the best.
 3. Drainage facility should be developed for reclamation.