

JUNAGADH AGRICULTURAL UNIVERSITY
RESEARCH RECOMMENDATIONS FOR SCIENTIFIC COMMUNITY

I. CROP IMPROVEMENT

Two scientific recommendations developed by crop improvement disciplines as described below.

Year: 2004-05

1. Male sterile line: Bajra

The male sterile (A) line 95444 B and inbreds J 2340 and J 108 were assessed to be drought which can be used for the development of drought resistant hybrids.

Year: 2012-13

2. Testing of fresh seed dormancy in bunch groundnut varieties

For scientific community a recommendation was proposed to avoid production losses due to pod germination in field under late and excess rainfall conditions during *kharif* at maturity time. The fresh seed dormancy was studied in nine high yielding bunch groundnut varieties and it was recommended to grow groundnut varieties TG 26, TPG 41 and GG 6 possessing higher degree of seed dormancy.

(Main Pearl millet Research Station, JAU, Jamnagar)