



**United States Department of Agriculture**

Research, Education, and Economics  
Agricultural Research Service

Provided by Genetic Stocks – *Oryza* (GSOR) Collection

**SPECIALIZED PROPAGATION PROCEDURES.**

**GSOR 1, 2, 4**

To maintain the population that segregates 1 fertile:1 male sterile, grow a segregating population from above seed source and harvest the male sterile plants only. The progenies of these plants will again segregate 1 fertile:1 sterile and seeds of the sterile progeny plants may be bulked to replenish the seed stock.

**GSOR 3**

Grow a generation of GSOR 3, ignore the male sterile plants, and harvest individual fertile plants. The fertile plants will be 1 MsMs (homogyous fertile):2 Msms (heterozygous fertile). Progeny test each fertile plant to determine which ones were heterozygous, then go back and bulk residual seed of the plants proven to be Msms.