

Genetic Stocks – *Oryza* (GSOR) Collection
USDA-ARS Dale Bumpers National Rice Research Center

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2006 Activities Report
December 31, 2006

The GSOR received a total of 33 requests for seed samples as of December 31, 2006 – 13 genetic stocks and 20 Nipponbare requests. Twelve genetic stocks requests were filled and shipped to U.S. recipients. One genetic stock request from 2005 was completed and shipped to India in January 2006. Eighteen Nipponbare requests were filled and shipped to U.S. recipients. Two Nipponbare requests were filled and shipped to recipients in Belgium and Italy. One Nipponbare request from Spain was incomplete due to absence of required import permit.

The GSOR Laboratory received in May ARS approval for release of four genetic stocks: early plant death (21), narrow leaf (22), extreme dwarf (23), and gold leaf (24). A *Crop Science* registration article describing these mutants was accepted for publication in September. Data analysis during 2006 was completed and ARS approval for release was received on four additional genetic stocks in December. These mutants, designated as giant embryo (25), albino (26), I9s-dd (27), and I12-dd (28) are available for distribution.

Center Director Anna McClung and Computer Assistant Lorie Bernhardt attended the September GRIN Site Meeting held in Geneva, New York. An invitation was extended to the group to hold its 2008 meeting at the Dale Bumpers National Rice Research Center in Stuttgart.

Seed increase on the 191 Japanese mutant set, known as the Kinoshita Collection, was completed and seed is available for distribution.

The GSOR Collection contains 902 entries, an increase of 200 since December 2005.

The GSOR website continues as the main source of information transfer for the Collection. Each entry of the collection is described in the Collection Catalog as well as on the corresponding GRIN page.

GSOR Scientist J. Neil Rutger announced in November his plans to retire from ARS effective January 5, 2007. Plans are to hire another scientist (Category 4) to take responsibility of the Genetic Stocks – *Oryza* Collection.

Staff: Anna McClung, Center Director
J. Neil Rutger, Chief Scientist
Lorie Bernhardt, Computer Assistant