

## Rice Crop Germplasm Committee

The 22<sup>st</sup> meeting of the Rice Crop Germplasm Committee was held at 1:00 pm on February 24, 2002 in the Hoffman Room of the Peabody Hotel, Little Rock, Arkansas in conjunction with the 29<sup>th</sup> annual RTWG meeting. Members present were Karen Moldenhauer (Chair), Kirk Johnson, James Gibbons, Barry Tillman, Georgia Eizenga, Rick Cartwright, Robert Fjellstrom, and David Kohlwey. Ex-officio members present were, Harold Bockelman, Sarbagh Salih, Allan Stoner, Kay Simmons, and Neil Rutger. Other interested parties were Donn Beighley, Farman Jodari, Chris Deren, Robert Shank, Anna McClung, Toni Marchetti, Christine Bergman, Thomas Tai, Jeff Oster, and Brian Hamilton. A summary of the meeting follows:

1. Kay Simmons, USDA-ARS National Program Leader for Grain Crops, Beltsville presented information on the USDA National Plant Germplasm budget for FY02 and FY03. There is an increase of \$3.6 million in the 2002 budget for germplasm funding, which will not be in the 2003 budget unless Congress adds these funds back.
2. Curator' report. Dr. Harold Bockelman, curator at the National Small Grains Collection in Aberdeen, ID, gave a report on the collection, including total number of accessions, accessions assigned PI numbers during the past year, and a list of rice descriptors. He mentioned that many of the rice described as red rice were actually mixed white and red bran rice and that they were attempting to separate these out into white and red bran accessions. Approximately 450 of these accessions were grown out this year and are being cleaned up. Also the research leader at Aberdeen has retired and Mike Bowman is the new research leader
3. Presentation of Dr. Sarbagh Salih, USDA-ARS Plant Germplasm Quarantine Office (PGQO, Beltsville). Dr. Salih reported that 86 accessions were released from quarantine this year. This number is lower than the normal because of the following events: at the 2001 CGC meeting it was agreed that we would send plantlets in T.C.. to North Carolina for growout instead of growing them at Beltsville as it has been done in the past; the scheduled move to a different greenhouse has not yet occurred; in September a tornado destroyed greenhouses at Beltsville limiting the amount of space for all programs. Seventy nine accessions were shipped to North Carolina for quarantine growout at the Tide Water Research Station. Fifty-three of the seventy-nine produced viable seeds, six accessions died and twenty did not flower. In 2002 the NC nursery will be planted earlier and the number increased to 500 accessions. Rick Cartwright will go to North Carolina this year to check the nursery for pathogens. Dr. Marshall will be the new contact person in North Carolina for the nursery.
4. Neil Rutger, Director of the USDA-ARS Dale Bumpers National Rice Research Center, Stuttgart, AR, discussed the possibility of a Rice Genetic Stocks Program at the DB NRRC. He explained that the center would be maintaining materials, which require special propagation. He requested suggestions from members on prioritizing the material to be propagated and the types of materials to be saved.
5. Karen Moldenhauer, discussed the trouble obtaining a quarantine permit for Jeffery Oster which would not have the hot water treatment included in the protocol. Since this time Fleet Lee, pathologist, Stuttgart, AR has also submitted the paper work to APHIS for a new permit not requiring the hot water treatment. It was the consensus of the group that APHIS is extremely busy and it is very hard to get information from them. Thus far, we have had no response from APHIS on the status of these permit requests. Sarbagh Salih suggested that possibly she could get a permit that would allow the PGQO to hot water treat the seed just before processing in T.C. There is still some concern about the wild species, which have very small seed that do not appear to survive the hot water treatment. Kay Simmons suggested that we send her all pertinent information on the permit request

and she would follow up on it and see where it is hung up. As background information : The proposed revisions to quarantine have not been acted upon by APHIS. At the last meeting it was recommended that an application for a permit should be submitted with the new regulations and supporting documentation. Jeff Oster (Biggs, CA) agreed to apply for a new permit using the recommended procedures approved by the CGC. This application was submitted. Jeff and I have been in contact and there is no information of the status of this permit request at this time. If a new permit is issued notification will go out to the CGC so that other permit holders can be notified. The changes should be applied to all permit holders.

6. Rick Cartwright said that he would check with Fleet Lee, Jim Correl and Don Groth on their studies to develop a protocol for seed treatment without dehulling so that seeds could be sown directly into the field at the Tide Water Research Station in NC, thus avoiding the tissue culture stage and transplanting. Anna McClung, Robert Miller and Harold Bockleman would work with him to gather information and write a proposal to AHPIS for this procedure for he NC quarantine nursery.
7. Anna McClung questioned Barry Tillman about Rice Tec's pursuit of having APHIS remove quarantine restrictions from certain South American Countries. Through the American Seed Trade Association they were having risk assessments defined for these South American countries. Complete surveys of all disease and insect pests are being conducted by Iowa State University. If they can prove no difference from US then these countries can be opened up by AHPIS as quarantine free countries. We asked that Rice Tec keep us informed of what they find out.
8. Allan Stoner, CGC Coordinator USDA-ARS, Beltsville MD informed us on the International Undertaking for Plant Genetic Resources which deals with the exchange of germplasm. The concept is to permit an international exchange of germplasm through a standard MTA. The US and Japan did not ratify the undertaking. They want a free and open exchange of germplasm. The undertaking is now out as an International Treaty that will require ratification by 35-40 countries. This would set up a mechanism for germplasm exchange of 30 to 35 important agronomic crops. The language is still ambiguous and all other crops would be negotiated on a case-by-case basis.
9. Membership. Karen Moldenhauer nominated Thomas Tai as Kirk Johnson's replacement on the CGC committee. Kirk rotates off in 2002 Thomas will soon be moving to California and will represent that area. Dr. Tai's appointment to the committee was unanimously approved.

The meeting

was adjourned at 3:00 pm.

Submitted by:

Karen Moldenhauer  
Chair

Appendix I. CGC members for 2002 with year term ends in parentheses.

<p>Dr. Karen Moldenhauer, Chair (2004) Rice Research and Extension Center University Of Arkansas P.O. Box 351; 2900 Hwy 130 E Stuttgart, AR 72160 kmolden@uark.edu rrec_kmolden@futura.net</p>	<p>Dr. Thomas Tai (2008) USDA-ARS CPGRU 155 Hunt Hall University of California Davis, CA95616 thtai@ucdavis.edu</p>
<p>Dr. Rick Cartwright (2004) Cooperative Extension Service University of Arkansas PO Box 391, 2301 S. University Avenue Little Rock, AR 72203 rcartwright@uaex.edu</p>	<p>Dr. Jim Oard (2004) Louisiana State University M.B. Sturgis Hall Department Of Agronomy Baton Rouge, LA 70803 joard@agctr.lsu.edu</p>
<p>Dr. Barry Tillman (2006) RiceTec, Inc. PO Box 1305 Alvin, TX 77512 btill@Ricetec.com</p>	<p>Dr. David Kohlwey (2004) 1861 Lehner Road Columbus, Ohio 43224-2232 riceguy1@juno.com</p>
<p>Dr. James Correll (2006) Plant Pathology Dept. University of Arkansas Fayetteville, AR 72701 jcorrell@comp.uark.edu</p>	<p>Dr. James Gibbons (2006) Rice Research and Extension Center University Of Arkansas P.O. Box 351; 2900 Hwy 130 E Stuttgart, AR 72160 jgibbon@uark.edu</p>
<p>Dr. Georgia Eizenga (2006) Dale Bumpers National Rice Research Center PO Box 287; 2890 Hwy 130 E Stuttgart, AR 72160 geizenga@spa.ars.usda.gov</p>	<p>Dr. Robert Fjellstrom (2008) USDA-ARS 1509 Aggie Drive Beaumont, TX 77713 r_fjellstrom@tamu.edu</p>
<p>Dr. Harold Bockelman, Ex-officio Ex-Officio USDA, ARS, PWA, NSGC PO Box 307 Aberdeen, ID 83210 nsgchb@sun.ars-grin.gov</p>	<p>Sarbaugh Salih, Ex-Officio USDA, ARS, PSI, FL, Plant Germplasm Quarantine Office Building 580, BARC-W Beltsville, MD 20705 pgqoss@ars-grin.gov</p>
<p>Dr. Allan K. Stoner, Ex-officio Research Leader/CGC Coordinator USDA, ARS, BA, NGRL Bldg. 001, Room 127 BARC-WEST Beltsville, MD 20705 ngrlas@sun.ars-grin.gov</p>	<p>Dr. J. Neil Rutger, Ex-officio USDA, ARS, SPA National Rice Germplasm Center PO Box 287 Stuttgart, AR 72160 jnrtger@spa.ars.usda.gov</p>
<p>Dr. Kay Simmons, Ex-officio Grain Crops National Program Leader USDA, ARS, NPS, PS 5601 Sunnyside Avenue Beltsville, MD 20705 kws@ars.usda.gov</p>	<p>Mr. Mark A. Bohning, Ex-officio CGC Facilitator USDA, ARS, BA, NGRL Bldg. 003, 4<sup>th</sup> Floor Beltsville, MD 20705 dbmumb@sun.ars-grin.gov</p>