

SOYBEAN CROP GERMPLASM COMMITTEE MEETING

Minutes – Meeting on Feb 11, 2013 at Soybean Breeders Workshop – St. Louis, MO

Actions prior to discussion: Minutes from 2012 were approved.

Members in attendance:

Randy Nelson, Jeff Thompson, Steve Muench, Silvia Cianzio, Esther Peregrine, Glen Bowers, Istvan Rajcan, Henry Nguyen

The following reports were presented to committee members:

- 1) USDA Soybean Germplasm Collection Report – 2012
- 2) National Germplasm Resources Laboratory, USDA-ARS 2013 Report to PGO, RTACs and CGCs
- 3) Copy of a letter prepared by Randy Nelson addressed to United Soybean Board, inviting USB to visit the USDA Soybean Germplasm Collection in Urbana, Illinois.

Subcommittee business:

Acquisition:

Randy Nelson reported that there has been talk of screening public germplasm for possible contaminants by transgenes. He will contact seed companies requesting appropriate data for detecting contaminants. As some transgene patents will be expiring soon, procedures need to be developed for accepting transgenic material into the NPGS, including increasing seed in a separate location to avoid contamination of non-transgenic seed.

Evaluation:

The Frogeye Leaf Spot differentials and fungal isolates had been maintained by Dan Phillips. Jeff Thompson will contact James Buck for seeds of Frogeye Leaf Spot differentials so they can be compared to what is in the collection and check on the status of the fungal isolates.

The need for possible standard differentials for other diseases was discussed. Silvia Cianzio will check with public breeders for the priority of diseases needing standard differentials and Jeff will check with private breeders.

Operations:

Esther Peregrine reported that there were many requests for accessions with expired PVP's and from now on, all accessions will be included in the active collection whenever their PVP expires. Because there may be additional restriction on these accessions such as patents, the following disclaimer is included on seed orders "Items flagged with an "*" have some form of intellectual property rights protection. Recipients are responsible for contacting the developer listed in the GRIN database regarding legal obligations. This material is supplied expressly conditional on acceptance of the terms of these obligations. The recipient's retention of the material constitutes such acceptance."

A change was made to maintain seeds in storage for 11 years rather than 10 years as long as the quantity of seeds is sufficient. This will reduce the number of accessions grown in 2013 by about 80% and the plan is to apply the extra time to eliminating the backlog of unprocessed seeds. In order to speed up processing seed samples, only 3000 seeds will be cleaned and processed even if more was harvested. Additional seeds will be processed from some accessions based on the past request record.

GRIN Global is scheduled to be implemented in the fall of 2013.