

Peanut CGC Report

Period covered: January – December 2019
 Date of report: June 25, 2020

Personnel:

- Dr. Shyam Tallury (Curator).
- Ms. Mylee Mobley (Technician, S-009).
- Ms. Sarah Johnson (Part-time worker).
- Additional support from the PGRCU staff as needed, for planting, harvesting and other field operations.

Inventory Status CY 2019:

Type	Total	Number. available	Backed Up		Viability Tested
			NLGRP	Svalbard	
Cultivated	9,188	8,672 (94%)	9,009 (98%)	889	8,836 (96%)
Wild Species	559	506 (91%)	409 (73%)	116	347 (62%)

Vegetatively propagated materials include the *Rhizomatosae* collection of 91 accessions (152 plants) of *A. glabrata*, one accession of *A. nitida* and 31 perennial hybrids (48 plants) which are maintained as live plants in 14" diameter clay pots in the greenhouses.

Germplasm Acquisitions:

- Dr. Charles Simpson, Texas AgriLife Research and TAMU-Stephenville.
 47 accessions of 20 wild species. 28/47 accessions are either historic or not available for distribution.

Germplasm Regenerations:

- Cultivated: 384 *A. hypogaea* accessions were submitted for processing into the collection.
- Wild species: 28 accessions harvested and will be submitted for processing into the collection.

Germplasm Distributions:

- 3,531 items of both cultivated peanut and wild species were distributed to domestic as well as international researchers as shown below.

Type	Total	Domestic	International
Cultivated	3,170	692	2,478
Wild species	361	138	223

Germplasm Characterizations:

- Descriptor data on pod and seed features were recorded for all *A. hypogaea* regenerations. Also, digital images of pods and seeds were captured for uploading to GRIN Global.

Crop Vulnerability Statement:

- An updated draft was submitted to upload to the CGC website.

Quarantine Resources:

- USDA-APHIS
 - Permits: Dr. Pauline Spaine, Phone: 301-851-3908; E-mail: pauline.c.spaine@aphis.usda.gov

- UGA-Tifton:
 - Testing: Dr. Sudeep Bag, Phone: 229-386-3042; E-mail: sudeepbag@uga.edu
 - Grant: Secured funding from USDA-NPDRS for development of PCV and IPCV diagnostic tool

- Import seeds
 - Contact the local Department of Agriculture Inspector for assistance

- **Agdia:**
 - Testing: Deborah Groth-Helms, Phone: 574-264-2014; E-mail: dgroth@agdia.com
Director, Quality Manager Testing Services, Agdia Inc.
52642 County Road 1, Elkhart, IN 46514
 - Cost of testing for Potyviruses (PStV and PeMoV) by Group PCR
 - Seed: 1st sample \$286; Each additional sample \$41
 - Leaf: 1st sample \$280; Each additional sample \$35

Contacts for this report:

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| • Curator | Dr. Shyam Tallury | shyam.tallury@usda.gov |
| • Technical Support | Ms. Mylee Mobley | mobley12@uga.edu |
| • GRIN Global Database | Mr. Nick Stigura | nicholas.stigura@usda.gov |
| • Seed Storage | Ms. Tiffany Fields | tiffany.fields@usda.gov |

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