

**MULTI-STATE RESEARCH PROJECT S-009  
PLANT GENETIC RESOURCES CONSERVATION AND UTILIZATION  
BUDGET REQUEST BRIEF FOR FY2020**

**Accomplishments and Activities for 2018:**

- The S-009 Project was renewed for five years (10/01/2018 to 9/30/2023) - <https://www.nimss.org/projects/view/mrp/outline/18531>.
- The plant genetic resources collection totals 100,196 accessions of 1601 species and 270 genera with 84.2% available for distribution and 97.2% backed up at Ft. Collins, CO. This reflects a total of 1779 additional accessions backed up and an additional 479 accession made available for distribution in 2018.
- A total of 46,675 accessions (9593 in the S-009 region) were distributed in 881 orders to users worldwide in 2018.
- Currently, 87,705 accessions or 88.7% of the seeded accessions in the collection are stored at -18°C. This reflects an additional 4471 accessions moved to -18°C in 2018. Seed longevity is improved by storage in -18°C rather than 4°C.
- A total of 3177 images and 7705 observations were uploaded to GRIN-Global.
- Characterization studies include genotyping and evaluation of leaf characteristics in sweet potato; assessing fruit quality (sugars, dry weight, pungency) in *Capsicum*; fatty acid analysis in wild/cultivated peanut, sesame, and *Vigna*; sugar content in sorghum; low phosphorus tolerance in sorghum; and sesamin and tocopherol content in sesame.
- A permanent S-009 Research Technician, Mylee Mobley, was hired to assist with curation of the peanut collection.
- Two permanent federal positions have been filled in the unit. Tiffany Fields has been selected as the Seed Storage Manager to replace the position vacated last year by Lee Ann Chalkley. John Sherouse has been hired into a new position, Maintenance Mechanic, and will have responsibility over maintaining and repairing building, greenhouse and coldroom/freezer facilities.
- The S-009 Advisory Committee met on August 7-8, 2018 in Griffin, GA.

**S-009 Personnel:** The University of Georgia provided a 2% salary increase to employees commencing January 1, 2019. This increase was not forecast and therefore not included in last year's budget request. There is a 2% salary increase proposed for FY2020.

**S-009 Budget Request:** Increase the S-009 FY2020 budget in the amount of \$10,548 for a total budget of \$501,290. This request reflects the FY2019 and projected FY2020 increase in University of Georgia salaries and associated employee benefits.

**Action Requested:** Approval of S-009 FY2020 Budget Request.

**PLANT GENETIC RESOURCES CONSERVATION AND UTILIZATION  
FUNDING REQUEST FOR FY2020  
TO THE SOUTHERN ASSOC. OF STATE AGRIC. EXPT STATION DIRECTORS**

<b>A. S-009 Budget</b>	<b>FY2018</b>	<b>FY2019</b>	<b>REQUESTED FY2020</b>
Personnel	406,776	411,368	421,916
Travel	1,000	1,000	1,000
Operations	78,374	78,374	78,374
<b>TOTAL</b>	<b>\$486,150</b>	<b>\$490,742</b>	<b>\$501,290</b>

**B. USDA/ARS Budget**

	<b>FY2018</b>	<b>FY2019</b>	<b>PROJECTED FY2020</b>
Personnel	\$1,446,507	\$1,723,800*	\$1,758,276
Travel	22,247	30,000	30,000
Indirect Research Cost/ Other Services	374,646	336,518	363,412
Supplies	314,724	196,933	148,563
Equipment	159,027**	28,000	15,000
Building and Field Maintenance/Support	93,100	95,000	95,000
<b>TOTAL</b>	<b>\$ 2,410,251</b>	<b>\$ 2,410,251***</b>	<b>\$2,410,251</b>

\* Includes salary increase of 1.4% in FY18 and 1.9% in FY19 as well as projected 2.0% in FY20.

\*\* Agilent Headspace Sampler; Kawasaki Mule Field Cart; Club Car Carry All IT Cart; Kifco Water Reel; Peanut Cone Planter; Peanut Sheller; Konica Minolta Colorimeter; AED Device; 5 IT Switches; NAS IT 36TB; Greenhouse Benches

\*\*\* No final budget has been approved for FY19 at the time this report was prepared