

Figure 1. Genetic gain in crop value since the beginning of the Peanut Variety and Quality

Evaluation multi-state testing. Crop value was calculated from the USDA formula combining yield and grading of the farmer stock peanut. The polynomial relationship suggests a crop value increase of \$10 per year per acre.



Figure 2. Far and close images of peanut plots grown in the field under rain exclusion shelters to induce drought stress.



Figure 3. Scores proposed to be used for drought symptoms (wilting) evaluations in drought-induced rainout plots. 1 = healthy plants, no symptoms of drought stress; 2 = upper branches start wilting; 3 = whole plants wilted; 4 = upper canopy is drying; 5 = entire canopy severely wilted.