

August 4, 2011

Mr. Chris Herr  
Executive Vice President  
PennAg Industries Association  
Northland Office Center  
2215 Forest Hills Dr., Suite 39  
Harrisburg, PA 17112

Dear Chris:

The purpose of this letter is to report the status of the project titled "Evaluation of Soybean Germplasm Under Pennsylvania Conditions – Year 20".

On May 12<sup>th</sup> at the Southeast Agricultural Research and Extension Center in Lancaster County, we planted 52 entries in the Full Season Roundup Ready - Late (MG 3.4 and later) trial and 23 entries in the Full Season Roundup Ready – Early (MG 3.3 and earlier) trial. We also planted 12 entries in the non-Roundup Ready trial on the same day in Lancaster. On July 5<sup>th</sup>, twenty one entries were planted in the Lancaster County, Double Crop Roundup Ready trial. We did not plant a non-RR Double Crop trial this year, due to the lack of entries. Growing conditions in Lancaster this year were characterized by wet conditions during the spring and early summer, followed by unusually dry and hot conditions during late June and July. Recent rains have been beneficial to soybean growth and now the full season trials appear to have the potential to yield very high. Overall, all the Lancaster County trials are in good shape and should provide useful information for variety evaluation.

On May 31<sup>st</sup> in Centre County, we planted 36 entries in the Roundup Ready - Late (MG 3.1 and later) trial, 29 entries in the Roundup Ready – Early (MG 3.0 and earlier) trial, and 12 entries in the non-Roundup trial. Growing conditions in Centre County were wet during May - which delayed planting slightly – followed by unusually hot and dry conditions. No significant rainfall was recorded at the Centre County site from June 22 until July 26. Although the hot and dry conditions stressed the soybeans during July, most plots appear to be doing reasonably well at this time, due to some recent timely rainfall, so we anticipate obtaining some good data from these trials.

If you have any further questions regarding the status of this project, please feel free to contact Mark Antle at (814) 360-7831 or Greg Roth at (814) 863-1018.

Thank you for your continued support of our soybean program at Penn State.

Sincerely,

Mark E. Antle  
Research Support Assistant

Greg W. Roth  
Professor of Agronomy