We now have available a decision support tool for the MidSouth based upon the 3-year planting date and MG experiment that was supported jointly by USB and MSSB.

We are calling the decision support tool 'Soybean Maturity, Analysis, and Planning' (SOYMAP), and it can be found here: http://agribusiness.uark.edu/decision-support-software.php.

This support tool is based upon CropGro simulations, which is a component of DSSAT specific for soybean. The CropGro model was calibrated using data from our 3-year regional experiments. We then collected 30 years of weather data from 11 locations in the MidSouth (from College Station, TX to Columbia, MO). CropGro simulations were run for each of these 11 locations over the 30 years. At each location, we simulated weekly planting dates from March till the end of June (16 weeks), MGs from 3 to 6 in one-half MG increments, and with either a silt-loam or a clay soil. Taken all together, there were 73,920 simulations.

The support tool is an Excel macro that queries the data base with these simulations and provides a comparison between any two MGs for a given location, planting date, and soil. Information provided includes yield responses over the 30 years, predicted phenology (R1, R5, and R8), irrigation requirements, and economic returns. I believe that you will find it quite easy to use. I am planning to make a short youtube video soon demonstrating the tool, and I'll send you the link once that is developed.