

Efficacy Test of Huma Gro® Vitol®, Breakout®, and Crop-Gard® on Soybeans

Field Trial

Location: Soybean Field in Marshall, Minnesota

Objective

This field trial assessed the efficacy of Huma Gro® Breakout®, Vitol® and Crop-Gard® at two growth stages in soybeans

Materials and Methods

The soybean field was located in Marshall, Minn.; the soil was a clay loam with 3.8% organic matter and a pH equal to 7.6. The design was a randomized complete block with two replicates per treatment. Each plot size was 4 rows x 60 feet. The treatments included (1) Breakout® at 1.5 qt/ac at early bloom, (2) Vitol® 1 qt/ac plus Crop-Gard® 1 qt/ac at R3, and (3) Check (the control plot, using the grower's standard fertilizer program). The Huma Gro® products were broadcasted using a tractor-mounted plot sprayer.

Results

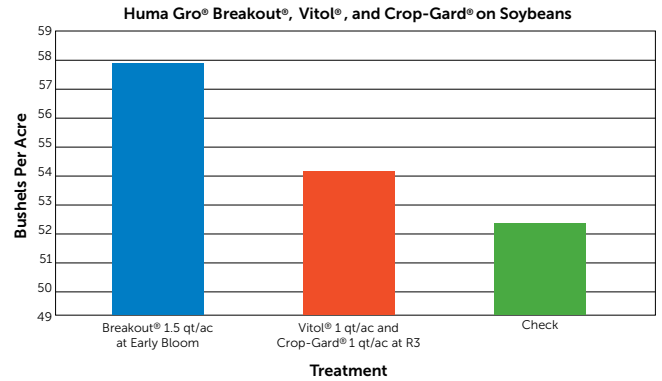


Figure 1. Soybean yield assessment in bushels per acre.

Conclusions

Huma Gro® Breakout® applied at 1.5 qt/ac at early bloom provides a 5.39 bu/ac increase over the control. Vitol® and Crop-Gard® at 1 qt/ac at R3 led to 1.81 bu/ac higher yield than the control. It is recommended that, in the future, Breakout® be applied at first bloom and Vitol®/Crop-Gard® be applied at R3 for pod fill. Both on the same crop will provide the best results.

