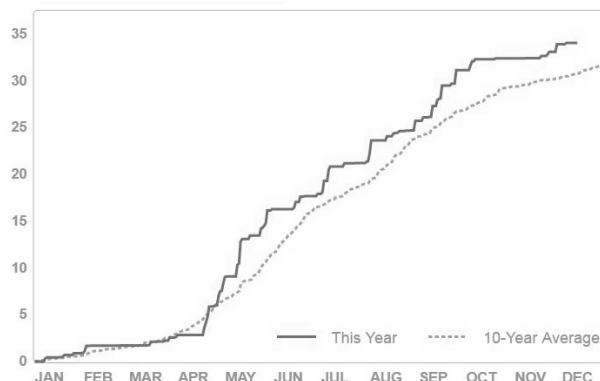


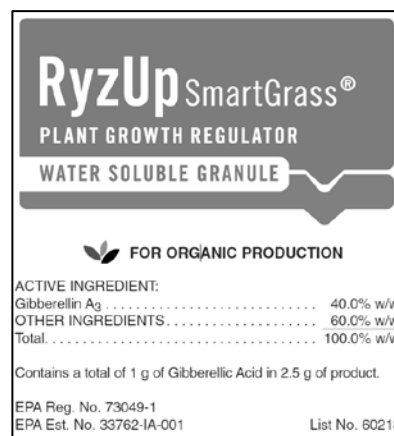
RyzUp SmartGrass® on Soybeans at V1

Study ID: 218023201601
County: Butler
Soil Type: Butler silt loam 0-1% slope; Hastings silty clay loam 0-7% slopes, eroded
Planting Date: 6/2/16
Harvest Date: 10/18/16
Row Spacing (in): 30
Hybrid: Asgrow 3034
Reps: 9
Previous Crop: Corn
Tillage: No-Till
Seed Treatment: None
Foliar Insecticides: None
Foliar Fungicides: None

Fertilizer: None
Irrigation: None
Rainfall (in):



Introduction: This study was looking at RyzUp SmartGrass® applied at a rate of 0.3 oz/acre with Class Act® at 1.54% v/v (0.308 gal/acre). The solution was applied at 20 gpa at V1 growth stage on soybeans. RyzUp SmartGrass active ingredients are below. RyzUp SmartGrass is not currently labeled for use in soybeans; however, there is tolerance for the active ingredient.



Product information from:
<http://www.valent.com/agriculture/products/ryzupsmartgrass/label-msds.cfm>

Results:

	Pods/plant (8/16/16)	Pods/plant (10/18/16)	Beans/pod (10/18/16)	Beans/plant (10/18/16)	Yield (bu/acre)†	Protein (%)	Oil (%)	Marginal Net Return‡
Check	47	35	2.5	87	65	39.9	18.6	600.49
RyzUp SmartGrass	54	41	2.5	104	65	39.9	18.4	583.63
P-Value	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

†Bushels per acre corrected to 13% moisture.

‡Marginal net return based on \$9.25/bu soybean, \$6.82/ac application cost, \$11.50/oz RyzUp SmartGrass, and \$6.59/ac for ClassAct NG 1.54%.

Summary: Treatments were replicated but not randomized, therefore, a statistical analysis was not performed and conclusions could not be drawn. Treatment means are provided in the results table.

Sponsored by:



In Partnership with:

