

2013**GPS Coordinates**

N	35.00516
W	-86.99669

GoBeans Plot**Giles County**

Jay Tucker producer



Planted:	May 25 on 15" rows
Harvested:	Oct 10
Variety:	Asgrow 4632
Tillage:	Minimum till with stalk chopper
Previous Crop:	Corn
Fertilizer:	Var rate potash
Soil Fert Level:	M/L pH 6.5
Soil Type:	Mercer/Armor silt loam
Slope:	0-4%
Irrigation:	Yes
Herbicides:	Roundup + Leadoff burndown Prefix + Gramoxone at planting Roundup + Classic Post
Insecticide:	Tombstone 2 oz w/ fungicides

Plot	Treatment	Frogeye	% M	Dry Bu. 13.0%	Comments: (lodging, drain, weed control,etc.)
1	Untreated Check	light	13.00%	61.83	Some Sudden Death in this part of the field
2	10.5 oz Quilt Xcel	light	13.70%	70.45	yields are average of 3 strips
3	2 oz Aftershock	light	13.50%	65.08	Some Sudden Death in this part of the field
Average				65.78	

Notes: Field had some downey mildew and light Frogeye leaf spot. Lab tests indicated frogeye spores from leaf samples were 0 to 12% resistant to strobilurin fungicides. Foliar fungicides were applied Aug 6 to R4-R5 stage soybeans in 18 gallons of water with Tombstone insecticide. Asian soybean rust was detected Sep 14 and late season Sudden Death Syndrome may have affected yield in one check strip and the Aftershock strips. The use of a fungicide appeared to increase yields above the check. The use of Quilt Xcel, a combination material with more activity on soybean rust, may have improved yield above the strobilurin-only product.

