



Field Trial Report

2012 Induced Branching Study

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Field Information

Location: Southeast Research and Extension Center, Landisville

Field Name: X

Acres: 5

2011 Crop: Corn

Tillage: No-till

Planting Date: 5/10//2012

Variety: Pioneer 93M11

Seed Treatment: Trilex/Gaucho

Planter: JD 1250 Drill

Planting Depth: 1 inch

Seeding rate: 180000

Herbicide: Glyphosate plus Canopy f/b Glyphosate plus Dakota

Harvest Date: 10/09/2012

Other: Headline and Warrior

Design: Randomized Complete Block

Replications: 4

Treatments

1. Untreated
2. Cobra at 12 oz/acre 1qt/a COC +2.5lb/a AMS V6
3. Cobra at 12 oz/acre 1qt/a COC +2.5lb/a AMS R2
4. Cobra at 12 oz/acre 1qt/a COC +2.5lb/a AMS V6 f/b
Cobra at 12 oz/acre 1qt/a COC +2.5lb/a AMS R2
5. Synchrony at 0.66 oz/acre 1 pt/100 gal NIS +2.5lb/a AMS R1
6. Extreme 3 pt/acre 1 pint/100 gal NIS + 2.5lb/a AMS R1
7. Harmony GT 0.08 oz +1 qt/acre COC + 2.5lb AMS R1



Results

	Yield	Moisture	Height@ R2	Height
	Bu/ac	%	%	In.
Untreated	64.8	15.0	35.2	28.0
Cobra V6	64.5	14.8	33.7	26.8
Cobra R2	65.4	14.6	32.2	26.1
Cobra V6 and R2	62.4	14.5	30.7	26.6
Synchrony R1	62.5	14.5	36.0	26.9
Extreme R1	62.8	14.4	35.2	27.9
Harmony R1	64.5	14.4	34.5	27.0
Significance	ns	ns	ns	ns
CV	4.6	4.0	5.3	9
LSD	-	-	-	-

Comments

The herbicide treatments caused visual injury following application but had limited effects on plant height. There were no differences in grain moisture or yield but there was a trend for lower yields with double Cobra, Synchrony, and Extreme treatments. Responses to the herbicide treatment might have been greater in taller soybeans that were more prone to lodging. Because of the weather pattern these soybeans were not excessively tall.