

2006 Soybean Studies - Boone County Missouri

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Variety	Herbicide	Biostimulant Treatment	# Pods/plant	Plant Ht (cm)	Seed yield (bu/A)		
RR	RU	CHECK	50.5	75.4	46.3		
RR	RU	MG fb HG + PG	61.5	76.2	58.8	+12.5 vs. check	7.2+ average (all plots)
RR	RU	MG + HG + PG	71.6	74.5	48	+1.7 vs. check	4.48+ average (all plots)
RR	RU	WeatherKing	101.5	74.5	57.9	+11.6 vs. check	11.6+ (1 plot)
RR	RU	"E"	65.3	79.6	52.1		2.22+ avg. (all plots)
RR	RU	"A"	61.6	68.8	44.9	-1.4 vs. check	4.5+ avg (all plots)
RR	RU	"B"	49	68.6	35.4	-10.9 vs. check	0.12+ avg (all plots)
RR	TM	CHECK	35	45.7	33.2		
RR	TM	MG fb HG + PG	45	78.7	39.4	+6.2 vs. check	
RR	TM	MG + HG + PG	40	60.9	39.5	+6.3 vs. check	
RR	TM	"E"	48	50.8	34.4		
RR	TM	"A"	55	71.1	34.5	+1.3 vs. check	
RR	TM	"B"	43	58.4	33.7	+0.5 vs. check	
RR	HW	CHECK	43.5	78.7	27.2		
RR	HW	MG fb HG + PG	61	73.6	32.4	+4.9 vs. check	
RR	HW	MG + HG + PG	65	67.7	32.6	+5.6 vs. check	
RR	HW	"E"	62	69.8	31.5		
RR	HW	"A"	75	74.9	47.3	+20.1 vs. check	
RR	HW	"B"	62	68.6	32.6	+5.6 vs. check	
WM	TM	CHECK	31	71	29.4		
WM	TM	MG fb HG + PG	77.5	81.2	35.9	+6.5 vs. check	
WM	TM	MG + HG + PG	76	73	33.2	+3.8 vs. check	
WM	TM	"E"	47	74	32.7		
WM	TM	"A"	52	69.8	30.6	+1.2 vs. check	
WM	TM	"B"	73	76.2	35.7	+6.3 vs. check	
WM	HW	CHECK	48.6	72.2	29.6		
WM	HW	MG fb HG + PG	72	77.8	35.7	+5.9 vs. check	
WM	HW	MG + HG + PG	78.6	79.6	34.4	+4.6 vs. check	
WM	HW	"E"	48.3	70.4	26.3		
WM	HW	"A"	58.6	72	31.2	+1.4 vs. check	
WM	HW	"B"	51	68	25.9	-3.9 vs. check	

NOTES:

Varieties: RR = Pioneer 93M90'

WM = Williams 82'

Herbicides: RU = RoundUp WeatherMax (28 oz/A)
 TM = UltraBlazer+PoastPlus (1.5 pt + 24 oz)
 HW = Hand weed Check

Biostimulants CHECK = None
 MGfbHG+PG MegaGro V2 followed by HappyGro + PhotoGro 10 d later
 MG+HG+PG MegaGro + HappyGro + PhotoGro V2
 WeatherKing MegaGro + HappyGro + PhotoGro V2 followed by WeatherKing R1
 "E" = Product E
 "A" = Product A
 "B" = Product B

Planting date: 26 May 2006

Harvest date: 1 Nov 2006

MegaGro + Glyphosate On Roundup-Ready® Soybeans Research Report & Field Results

The Research: (Patent pending #10/785,906)

When MegaGro is added to Glyphosate spray on Roundup-Ready Soybeans, the natural plant-growth hormones increase vs. Glyphosate alone.



2nd Day After Spray: The degree of phytotoxicity on soybean leaves Treated was less serious than Check.

Treatment	Indole-3-acetic acid (IAA)	Gibberellin A ₁ (GA ₁)	Cytokinin ZRs + iPAs (CTK)	Abscisic acid (ABA)
Glyphosate	8	955	0.7	344
Glyphosate & MegaGro	115	1402	1.1	218
% Improve	1437%	147%	157%	63%

1. As IAA increases, there is a corresponding increase in "Root Bio-Activity" and the absorption capacity of Ca, Fe & other nutrients
2. As the natural Cytokinins increase, so do the strength & vigor of the above-ground portion of the plant
3. The higher the ABA number, the higher the plant stress levels.

The Field Results:

The benefits of spraying MegaGro & Glyphosate were reported from your local growers:

- ✓ much less stress
- ✓ much less yellowing
- ✓ faster growth
- ✓ larger roots
- ✓ bigger stems
- ✓ more branching
- ✓ more pods
- ✓ more profits

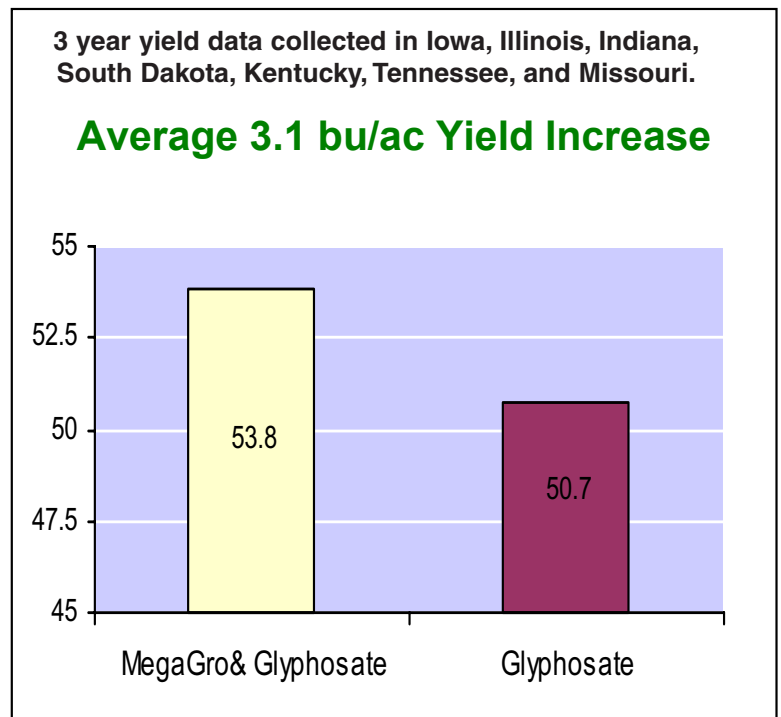
**Try it and see the difference
with your own eyes!**

Rate: 2 oz /Acre Timing: V2 ~ V5

Note: If application spray volume is greater than 15 gallons per acre use the dilution rate of 13 oz. per 100 gallon of water. Do not tank mix with any agricultural products that are alkaline in nature. Make sure the final spray mix is below pH 7.0 .

*Roundup Ready® is a registered trademark of the Monsanto Company.

Form 003

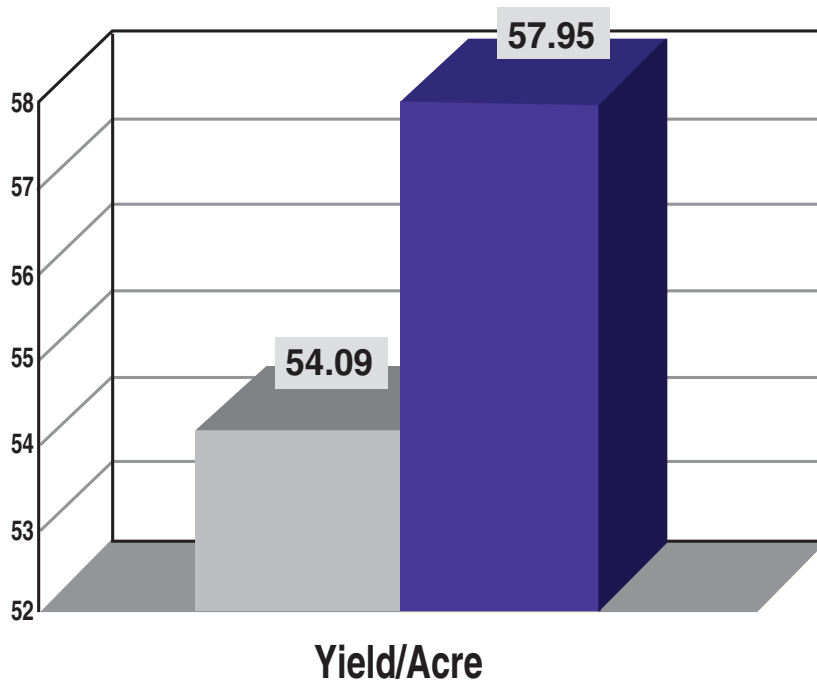


Aurora CO-OP

Real Farm Research, Aurora, NE

(MegaGro + HappyGro+PhotoGro)

SOYBEANS



Yield Increase	3.86 bu/ac
Soybean Price	\$6.00
Increase \$ / Acre	\$23.16
Treatment Cost	\$7.04
Return over cost	\$16.12
ROI	229%

229% Return on Investment in this trial!

Trial had 4 Replications