

Influence of Glyphosate Formulation on Herbicide Drift.

Project Code: 03-WT-Glyph-form Location: Carbondale, IL

Investigator: Bryan Young, Assistant Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
Trial Status: Final **Updated:** 1-15-04

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Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

Drift
 Percent

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Prod Rate	Prod Unit	Drift Percent
1	WATER							56
2	ROUNDUP CUSTOM	4	SL	0.75	LB AE/A	24	FL OZ/A	50
3	ROUNDUP CUSTOM	4	SL	0.75	LB AE/A	24	FL OZ/A	47
3	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	
4	ROUNDUP ORIGINAL	3	SL	0.75	LB AE/A	32	FL OZ/A	61
5	ROUNDUP ORIGINAL	3	SL	0.75	LB AE/A	32	FL OZ/A	49
5	ACTIVATOR 90	100	LIQ	0.5	% V/V	0.5	% V/V	
6	ROUNDUP ORIGINAL II	3	SL	0.75	LB AE/A	32	FL OZ/A	62
7	ROUNDUP ULTRA	3	SL	0.75	LB AE/A	32	FL OZ/A	63
8	ROUNDUP ULTRA MAX	3.7	SL	0.75	LB AE/A	26	FL OZ/A	59
9	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	FL OZ/A	63
10	TOUCHDOWN IQ	3	SL	0.75	LB AE/A	32	FL OZ/A	52
11	TOUCHDOWN TOTAL	4.17	SC	0.75	LB AE/A	23	FL OZ/A	63
12	GLYPHOMAX PLUS	3	SL	0.75	LB AE/A	32	FL OZ/A	61
13	GLYPHOMAX HC	4	SL	0.75	LB AE/A	24	FL OZ/A	58
14	CLEAROUT 41 PLUS	3	L	0.75	LB AE/A	32	FL OZ/A	63
15	GLY STAR PLUS	3	SL	0.75	LB AE/A	32	FL OZ/A	62
LSD (P=.05)								1.9
Treatment F								72.239
Treatment Prob(F)								0.0001

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Trial Comments

1. Protocol: SIU-BGY.
2. This study was conducted in a wind tunnel;
Wind speed = 10 MPH
Nozzle = XR110015
Spray volume was 10 GPA
3. Drift = total particle drift, percent of applied.