

**2013 Soybean Herbicide Spray Programs Recommended by Monsanto and  
Required to Maximize Incentives Offered By Monsanto**

Region: Plains, Midwest, Northeast	Product Name	Active Ingredient	Product Rate	Active Ingredient concentration	Application Rate (lb a.i./acre)
<b><u>Conservation Tillage with Glyphosate Resistant Weeds</u></b>					
Herbicide # 1	Roundup PowerMax	Glyphosate	22 fl ounces/ac	5.5 lb/gal in the form of potassium salt	0.95
Herbicide # 2	2,4-D	2,4-D	1.5 pints/acre	3.8 lb/gal	0.71
Herbicide # 3	Roundup PowerMax	Glyphosate	22 fl ounces/ac	5.5 lb/gal in the form of potassium salt	0.95
Herbicide # 4*	Valor XLT	Flumioxazin	3 oz/ac	30% by weight	0.06
Herbicide # 5*	Valor XLT	Chlorimuron ethyl	3 oz/ac	10.3% by weight	0.02
Herbicide # 6	Roundup PowerMax	Glyphosate	22 fl ounces/ac	5.5 lb/gal in the form of potassium salt	0.95
Herbicide # 7	Warrant	Acetochlor	1.5 qt/acre	3 lb/gal	1.13
Herbicide # 8	Cobra	Lactofen	10 fl oz/ac	2 lb/gal	0.16
Herbicide # 9	Roundup PowerMax	Glyphosate	22 fl ounces/ac	5.5 lb/gal in the form of potassium salt	0.95
<b>Total Herbicide Applied (pounds active ingredient)</b>					<b>5.85</b>

\*Valor XLT rates from Iowa State University Extension "Soybean Herbicide Mixes or Co-Packs and Equivalents," 2011.