

By: Dr. Jeff Stachler

Please read and follow label directions! The label on the container being used must allow for the application of the product to RR sugarbeet or the possession of a valid supplemental label for that product!

Formulation trade name	Manufacturer	Glyphosate salt	Adjuvant load
3.0 pounds acid equivalent per gallon [lb ae/gal] (4.0 lb ai/gal) formulations			
[1.125 lb ae/A = 48 fl oz of product/A; 0.98 lb ae/A = 41 fl oz/A; 0.773 lb ae/A = 32.9 fl oz/A]			
Abundit Extra	Nufarm, Inc / DuPont	ipa	Full
Alecto 41 HL	Ritter Chemical	ipa	Partial
Alecto 41 S	Ritter Chemical	ipa	Full
Alecto 41 UL	Ritter Chemical	ipa	None
<i>Axss Glyphosate Plus (ND only)</i>	Axss USA, LLC	ipa	Partial
Buccaneer	Tenkoz	ipa	Partial
Buccaneer Plus	Tenkoz	ipa	Full
Bullseye (MN only)	Growmark	ipa	Partial
Clean Field 41% Plus	Mid America Marketing, Inc.	ipa	Partial
Consus Glyphosate 41% Plus	Consus Chemicals, LLC	ipa	Full
Cornerstone	Winfield Solutions	ipa	Partial
Cornerstone Plus	Winfield Solutions	ipa	Full
Credit 41	Nufarm, Inc	ipa	Partial
Credit 41 Extra	Nufarm, Inc	ipa	Full
CropSmart Glyphosate 41 Plus	CropSmart, LLC	ipa	Full
Crop-Sure Glyphosate Plus	Universal Crop Protection Alliance, LLC	ipa	Full
Eraser A/P	Control Solutions Inc.	ipa	Partial
Four Power Plus	Loveland Products, Inc	ipa	Full
Gly Star Gold	Albaugh, Inc	ipa	Full
Gly Star Original	Albaugh, Inc	ipa	Partial
Gly Star Plus	Albaugh, Inc	ipa	Partial
Gly-4 Plus	Universal Crop Protection Alliance, LLC	ipa	Full
Glycana Plus 41	Arcana, LLC	ipa	Full
Glyfine Plus	Aceto Agricultural Chemicals Corp.	ipa	Full
Glyfos X-TRA	Cheminova, Inc	ipa	Full
Glypho 41	UPI	ipa	Full
Glyphogan	MANA	ipa	Partial
Glyphogan Plus	MANA	ipa	Full
Glyphosate Plus	Tacoma AG, LLC	ipa	Partial
Glysort	Glysortia, LLC	ipa	Partial
Glysort Plus	Glysortia, LLC	ipa	Full
Helosate Plus Advanced	Helm Agro US, INC.	ipa	Full
Honcho Plus	Monsanto	ipa	Full
Imitator Plus	Drexel Chemical Company	ipa	Full
Mad Dog	Loveland Products	ipa	Partial
Mad Dog Plus	Loveland Products	ipa	Full
Makaze	Loveland Products	ipa	Full
Makaze Yield Pro	Loveland Products	ipa	Full
Mirage	Loveland Products	ipa	Partial
Mirage Plus	Loveland Products	ipa	Full
Quali-Pro Glyphosate Plus	MANA	ipa	Full
Rascal	Winfield Solutions, LLC	ipa	Partial
Rascal Plus	Winfield Solutions, LLC	ipa	Partial
<i>Rascal Plus EX (ND only)</i>	Winfield Solutions, LLC	K & NH ₄	Partial
<i>Shar-Max Glyphosate 41% SL (ND only)</i>	Sharda USA	ipa	Full
Showdown	Helena Chemical Company	ipa & NH ₄	Full
Strikeout Extra	Libertas Now	ipa	Partial
Strikeout Loaded	Libertas Now	ipa	Partial
Tomahawk 4	Direct Ag Source & United Suppliers	ipa	Partial
Z-Glyphosate 41% Max	Fuzion Technologies	ipa	Full

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Formulation trade name	Manufacturer	Glyphosate salt	Adjuvant load
3.7 pounds acid equivalent per gallon [lb ae/gal] (5.0 lb ai/gal) formulations			
[1.125 lb ae/A = 38 fl oz of product/A; 0.98 lb ae/A = 33 fl oz/A; 0.773 lb ae/A = 26.7 fl oz/A]			
Buccaneer 5	Tenkoz	ipa	Partial
Extra Credit 5	Nufarm	ipa	Partial
4.0 lb ae/gal (5.4 lb ai/gal) formulations			
[1.125 lb ae/A = 36 fl oz of product/A; 0.98 lb ae/A = 31 fl oz/A; 0.773 lb ae/A = 24.7 fl oz/A]			
Cornerstone 5 Plus	Winfield Solutions	ipa	Full
Duramax	Dow AgroSciences	dma	Full
Durango DMA	Dow AgroSciences	dma	Full
Gly Star 5 Extra	Albaugh, Inc	ipa	Partial
Glyfine 5 Plus	Aceto Agricultural Chemicals Corp.	ipa	Partial
RapidFire	Dow AgroSciences	dma	Full
Tomahawk 5	United Suppliers, Inc	ipa	Full
4.17 lb ae/gal (5.1 lb ai/gal) formulations			
[1.125 lb ae/A = 35 fl oz of product/A; 0.98 lb ae/A = 30 fl oz/A; 0.773 lb ae/A = 23.7 fl oz/A]			
Touchdown CT2	Syngenta	K	Full
Touchdown Total	Syngenta	K	Full
Traxion	Syngenta	K	Partial
4.5 lb ae/gal (5.5 lb ai/gal) formulations			
[1.125 lb ae/A = 32 fl oz of product/A; 0.98 lb ae/A = 28 fl oz/A; 0.773 lb ae/A = 22 fl oz/A]			
Credit Extreme	Nufarm	ipa & K	Full
Roundup OriginalMAX	Monsanto	K	Full
Roundup PowerMAX	Monsanto	K	Full
Roundup WeatherMAX	Monsanto	K	Full
5.0 lb ae/gal (6.1 lb ai/gal) formulation			
[1.125 lb ae/A = 30 fl oz of product/A; 0.98 lb ae/A = 25 fl oz/A; 0.773 lb ae/A = 20 fl oz/A]			
Touchdown HiTech	Syngenta	K	None
64.9% ae (71.4% ai) SG formulation			
[1.125 lb ae/A = 1.73 lb product/A; 0.98 lb ae/A = 1.51 lb/A; 0.773 lb ae/A = 1.2 lb/A]			
Roundup UltraDry	Monsanto	NH ₄	Full
68.9% ae (75% ai) SG formulation			
[1.125 lb ae/A = 1.63 lb product/A; 0.98 lb ae/A = 1.42 lb/A; 0.773 lb ae/A = 1.12 lb/A]			
Helosate 75 SG	Helm Agro US, Inc.	NH ₄	Partial
80.65% ae (88.8% ai) WDG formulation			
[1.125 lb ae/A = 1.39 lb product/A; 0.98 lb ae/A = 1.21 lb/A; 0.773 lb ae/A = 0.95 lb/A]			
Clean Field 88.8 WDG	Mid America Distributing, LLC	NH ₄	Partial

Notes

Full adjuvant load = add NIS (0.25 %v/v), unless prohibited by label
 Partial adjuvant load = add NIS (0.25 to 0.5 %v/v), unless prohibited by label
 None adjuvant load = no NIS in product, therefore, NIS (0.5 to 1.0 %v/v) is required
 Abbreviations: ipa = isopropylamine; NH₄ = ammonium; dma = dimethylamine; K = potassium