

PRODUCT (all cash & carry)	SIMILAR PRODUCTS	PACKAGE SIZE	PRICING UNIT	USE RATE	NOTES
Glyphosate 41%	Roundup, Tomahawk, Gly Star, Sunphosate	265 ga.	Per ga.	32 oz/ac	
Glyphosate 41%	Roundup, Tomahawk, Gly Star, Sunphosate	30 ga.	Per ga.	32 oz/ac	
Glyphosate 41%	Roundup, Tomahawk, Gly Star, Sunphosate	2x2.5 ga.	Per ga.	32 oz/ac	
Glyphosate 53.93%	CREDIT XTREME, Round Up Power Max	2x2.5 ga	Per ga.	22 oz/ac	
Glyphosate 53.93%	CREDIT XTREME, Round Up Power Max	30 ga	Per ga.	22 oz/ac	
Glyphosate 53.93%	CREDIT XTREME, Round Up Power Max	250 ga	Per ga.	22 oz/ac	
Liberty		2x2.5 ga.	Per ga.	Corn, 22 oz.	
Liberty		270 ga. tote	Per ga.	Beans, 29-36 oz	
Generic Glufosinate	Cheetah, Interline, Kong, Reckon	2x2.5 ga.	Per ga.	Corn, 22 oz.	
Generic Glufosinate	Cheetah, Interline, Kong, Reckon	265 ga. tote	Per ga.	Beans, 29-36 oz	
Enlist Duo	2,4-D Choline & Glyphosate	2x2.5 ga.	Per ga.	4.75 pts/ac	
Enlist One	2,4-D Choline	2x2.5 ga.	Per ga.	2 pts/ac	
Enlist One	2,4-D Choline	270 tote	Per ga.	2 pts/ac	
2, 4-D Amine		2x2.5 ga.	Per ga.	0.5-1.0 pt/ac	
2, 4-D Ester 4 lb. LV		2x2.5 ga.	Per ga.	Burndown 1 pt-1 qt	
2, 4-D Ester 4 lb. LV		30 ga.	Per ga.	Burndown 1 pt-1 qt	
2, 4-D Ester 4 lb. LV		250 ga./265 ga.	Per ga.	Burndown 1 pt-1 qt	
2, 4-D Ester 6 lb. LV		2x2.5 ga.	Per ga.		
2, 4-D Ester 6 lb. LV		30 ga.	Per ga.		
2, 4-D Ester 6 lb. LV		270 ga.	Per ga.		
Dicamba	Rifle/Clarity/Detonate	2x2.5 ga.	Per ga.		
Dicamba	Rifle/Clarity/Detonate	265 ga. tote	Per ga.		
Dicamba/2,4-D Combo	Magma, RangeStar, WeedMaster, Rifle-D	2x2.5 ga.	Per ga.		
Dicamba/2,4-D Combo	Magma, RangeStar, WeedMaster, Rifle-D	265 ga. tote	Per ga.		
XtendiMax		2x2.5 ga.	Per ga.		
Engenia		2x2.5 ga.	Per ga.		
Engenia		tote	Per ga.		
Agrotain Dry Maxx		25 lb.	Per lb.	1.2-1.6 lb/ton UAN	Use higher rates with increased volatile situations
Agrotain-Ultra		2x2.5 ga.	Per ga.		
BroClean	Maestro	2x2.5 ga.	Per ga.		
Crossbow L*	Crossroad	2x2.5 ga.	Per ga.		
Cyclone SR 2.0	Helm Quist	2x2.5 ga.	Per ga.		
Gramoxone SL 2.0*	Paraquat, Parazone 3 lb.	2x2.5 ga.	Per ga.		
Grazon Next HI	Gunslinger; Grazon P+D	2x2.5 ga.	Per ga.	1.5-2.1 pts/ac	Superior broad spectrum residual weed control in pastures (season long)

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Thifensulfuron + tribenuron methyl	T-Square, Harmony Extra TotalSol, Nimble, Treaty Extra, Rapport BroadSpec, Rapport Tank Mix, Volta Xtra	10/20 ounce	Per oz.		
Harmony SG	Volta		Per oz.		
Huskie		2x2.5	Per ga.		
Spike		5 lb.	Per lb.		
Tempo		6 pkg.x 240ML/ case	Per pkg.		
Tordon RTU*		1 qt.	Per qt.		
ADJUVANTS, CONDITIONERS, & SPRAY MISC					
AMS (Dry)		51 lb.	Per lb.	17 lb./100 ga. H2O	
AMS (Liquid)	AMS Xtra, Amaze Gold, U-Amsol, Enya	2x2.5 ga.	Per ga.	1 ga./100 ga. H2O	
AMS (Liquid)	AMS Xtra, Amaze Gold, U-Amsol, Enya	1/265	Per ga.	1 ga./100 ga. H2O	
H2O conditioners- Premium (Liquid)	Blazin FIRE/Synurgize	2x2.5/30s/265 totes	Per ga.	3-4 qt/100 ga. H2O	
H2O conditioners- Premium (Liquid)	FIREBALL	2x2.5/30s/265 totes	Per ga.	3-4 qt/100 ga. H2O	Approved for glyphosate & dicamba based herbicides. Includes a water conditioner, non-ionic surfactant, drift agent, defoamer, spreader-sticker & acts as a penetrant.
H2O conditioners- Premium (Liquid)	Choice, Water Conditioner	2x2.5 ga.	Per ga.	3-4 qt/100 ga. H2O	
H2O conditioners- Premium (Liquid)	Choice, Water Conditioner	1/265	Per ga.	3-4 qt/100 ga. H2O	
COC	Peptoil/Jagge/Maximizer	2x2.5 ga.	Per ga.	1 ga/100 ga. H2O	
Damoil		2x2.5 ga.	Per ga.		
FoamMarker	Tuff Traxx/Hot-N-Dry/ FoamMaster	1 ga.	Per ga.		
Nzone Max	Instinct	2x2.5/30's/265 totes	Per ga.	48 oz/ton UAN or 64- 96 oz/ton Urea	Alters nitrogen fertilizer breakdown so it's captured in the soil in a stable & available form.
Instinct II		2x2.5 ga.	Per ga.		
MSO (methylated seed oil)	MES 100/Succeed Ulta	2x2.5 ga.	Per ga.	1 ga/100 ga. H2O	
NIS (non-ionic surfactant)/NIS Premium 80	Jette 80/20	2x2.5 ga.	Per ga.	1 qt/100 ga. H2O	
Phuse	LI 700	2x2.5/30's/265 totes	Per ga.	1 qt/100 ga. H2O	
Premium 90 NIS with defoamer	Activator 90 LPI/Spreede 90/10	1 ga.	Per ga.	1 qt/100 ga. H2O	
FoamAway		1 pt.	Per pt.		
Array		45 lb.	Per lb.		
Thrust LPI		45 lb.	Per lb.		
SprayStart		45 lb.	Per lb.		
FERTILIZERS & GROWTH STIMULATES					
MicroNourish		2x2.5 ga.		1-2 qts/ac	11-8-5+ Micros
MicroNourish		totes		1-2 qts/ac	11-8-5+ Micros

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MicroBlitz	MoJo/U-11-8-5	2x2.5 ga.	Per ga.	1-2 qts/ac	11-8-5+ Micros
MicroBlitz	MoJo/U-11-8-5	totes	Per ga.	1-2 qts/ac	11-8-5+ Micros
Palisade	Palisade	2x2.5 ga.	Per ga.		5-7 oz rate/improves wheat standability
Radiate	Radiate	2x2.5 ga.	Per ga.		2 oz/acre-PGR with 2 modes of action
Stimulate	Radiate/Stimulate/ Value Pac	2x2.5 ga.	Per ga.		
Value Pac, Value Pac w/ Trinity &/or SoyScience, tank mix w/ herbicides	Radiate/Stimulate/ Value Pac	2x2.5/30's/265 totes	Per ga.	8-16 oz/ac	ValuePac 7-12-1 with proprietary blend--8 oz/acre- 12% Humic,PGR with 2 modes of action & Auxins Trace Micros
RYZ Up Smart Grass	RYZ Up Smart Grass	4/30 oz.	Per bottle	priced per bottle	
Smart Trio	Trinity 4-0-0-3S-0.2B-3Mn-3Zn	2x2.5/30's/265 totes	Per ga.	1-2 qts/acre	Foliar
Sulfur (12-0-0-26)	Sulfur (12-0-0-26)	2x2.5 ga.		1-2 qts/ac	Compatible with 10-34-0 & 28-0-0
Sulfur (12-0-0-26)	Sulfur (12-0-0-26)	totes		1-2 qts/ac	Compatible with 10-34-0 & 28-0-0
TaskForce2	TaskForce2	totes	Per ga.		11-8-5 with micros (B,Co, Cu, Fe, Mn,Mo, & Zn)
SoyScience	SoyScience	2x2.5/30s/265 totes	Per ga.	1 Qt/Ac--foliar	4-0-10 with 0.5 B & 1.5 Mn
Zn 9% EDTA	Zn 9% EDTA/chelated	265 ga. tote	Per ga.		Pro Zinc 10
Bulldog (20-20-20)	Bulldog (20-20-20)	25 lb.	Per 25lb.		
Eezyman(5%Mn)	Eezyman(5%Mn)	2x2.5	Per ga.	1-2 qts/ac	Works w/ glyphosate applicat. & is foliar applied
Mn 5%		265 totes	Per ga.	1-2 qts/ac	Works w/ glyphosate applicat. & is foliar applied
Mn 6%		265 totes	Per ga.	1-2 qts/ac	Works w/ glyphosate applicat. & is foliar applied
PRE-CORN					
Acuron*		2x2.5 ga.	Per ga.	2.5-3.0 qt/ac	Excellent pre- & post-emergence crop safety enables Acuron application from 28 days pre-plant (inc. burndown) up to 12-inch corn--pre mix of S-metolachlor, atrazine, mesotrione & bicyclopyrone
Acuron*		265 ga. tote	Per ga.	2.5-3.0 qt/ac	
Atrazine 4L*	Aatrex, Atrazine	270 ga. tote	Per ga.	2-4 pt/ac	
	Aatrex, Atrazine	2x2.5 ga.	Per ga.	2-4 pt/ac	
Atrazine 90DF	Aatrex, Atrazine	25 lb.	Per lb.	1.1-2.2 lb/ac	
Acetochlor 33%	Warrant /Arrest CS/ Harness/ Surpass/ Confidence/Volley	2x2.5 ga.	Per ga.	Medium texture soil. 1.5-2.5 pts/ac	Controls annual grasses, pigweed, & black nightshade, & controls or suppresses yellow nutsedge, lambsquarters & common ragweed.
Acetochlor 33%	Warrant /Arrest CS/ Harness / Surpass/ Confidence/Volley	265/tote	Per ga.	Medium texture soil. 5-2.5 pts/ac	
Acetochlor/Atrazine+safener	Harness Xtra, Degree Xtra, Fultime, Keystone, Breakfree ATZ, Confidence ATZ, Volley ATZ, Tremor ATZ NXT	2x2.5 ga.	Per ga.	2.9-3.7 Q/A Degree Xtra 4L; 2.5-5 Q/A FulTime 4L; 1.4-3.0 Q/A Harness Xtra/ Confidence; 2.2-3.4 Q/A BreakFree ATZ/ Keystone/Volley ATZ	Premixes control annual broadleaves & grasses.
Acetochlor/Atrazine+safener*	Harness Xtra, Degree Xtra, Fultime, Keystone, Breakfree ATZ, Confidence ATZ, Volley ATZ, Tremor ATZ NXT	265 ga tote	Per ga.	2.9-3.7 Q/A Degree Xtra 4L; 2.5-5 Q/A FulTime 4L; 1.4-3.0 Q/A Harness Xtra Confidence; 2.2-3.4 Q/A BreakFree ATZ/ Keystone/Volley ATZ	Premixes control annual broadleaves & grasses.

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Degree Xtra Generic*		265 tote	Per ga.		
Balance Flexx*			Per lb.	3-6 oz/ac per soil type & planting	
Basis Blend		600 oz	Per oz.	0.825-2.5 oz. (1.25-1.5 oz.)	
Mesotrione	Generic Callisto		Per ga.	6-7.7 oz.	Apply pre-plant or pre-emergence for control of annual broadleaf weeds. Callisto can help control giant ragweed, cocklebur, & morning glory in mixtures with atrazine.
Corvus (320 oz)*	Liquid...2.5 ga container/5.0 ga box	640oz. 2/320 oz	Per oz.	5.6 oz/ac	Premix of isoxaflutole & cyprosulfamide (Balance Flexx), & thiencarbazone-methyl that can be applied pre-plant, pre- emergence, or early post-emergence (spike to V2 corn) for control of annual broadleaf & grass weeds. The addition of atrazine will improve control of large-seeded broadleaf weeds such as cocklebur, giant ragweed, & morningglory.
Instigate			Per oz.	5.25 to 7 oz/acre	Rimsulfuron & Mesotrione
Lexar EZ (1 Way)*	3 Qts=1.35 pts Dual II Magnum +	265 ga tote	Per ga.	3-3.5 qt/ac	Premixes of atrazine plus s-metolachlor (Dual II Magnum) plus mesotrione (Callisto) for control of grass & broadleaf weeds in corn.
Lexar EZ*	1.3 lb. atrazine + 5.3 oz Callisto 4L	2x2.5 ga.	Per ga.	3-3.5 qt/ac	
Generic Lexar*	Stalwart 3W, Villify	260 ga tote	Per ga.	3-3.5 qt/ac	Premixes of atrazine plus s-metolachlor (Dual II Magnum) plus mesotrione (Callisto) for control of grass & broadleaf weeds in corn.
Generic Lexar*	Stalwart 3W, Villify	2x2.5 ga.	Per ga.	3-3.5 qt/ac	
S-Metolachlor	Dual II Magnum, Cinch, Medal II EC, Brawl II, Parallel, Me-Too- Lachlor II	250/265 ga tote	Per ga.	1-2 pt/ac	Controls annual grasses & pigweed. Controls or suppresses waterhemp, black nightshade & yellow nutsedge. Can be applied preplant or pre-emergence before corn & weeds emerge, post-emergence w/ atrazine up to 5" corn or as a directed spray up to 12" corn & before grass & broadleaf weeds exceed the 2-leaf stage. Do not apply using fertilizer solution as the spray carrier after corn has emerged.
S-Metolachlor	Dual II Magnum, Cinch, Medal II EC, Brawl II, Parallel, Me-Too- Lachlor II	2x2.5 ga.	Per ga.	1-2 pt/ac	
S-Metolachlor ATZ*	Bicep II Magnum, Medal II ATZ, Brawl II ATZ, CinchATZ	260 MB	Per ga.	1.3-2.58 qt/ac	Controls annual grass & broadleaf weeds in corn. Apply preplant, pre-emergence & after emergence until 5" tall & before weeds exceed 2-leaf stage. Do not apply using fertilizer solution as the spray carrier after crop emergence.
S-Metolachlor ATZ*	Bicep II Magnum, Medal II ATZ, Brawl II ATZ, CinchATZ	2x2.5 ga.	Per ga.	1.3-2.58 qt/ac	
Bicep II Magnum		250 MB			
Resicore		2x2.5 ga.		2.25-3.0 qt/Ac	Premix of acetochlor, mesotrione (callisto), clopyralid (stinger)
Resicore		totes		2.25-3.0 qt/Ac	
Simazine	Simtrol	2x2.5 ga.	Per ga.	4-6 pt/ac	
Simazine DF	Simtrol	25 lb.	Per lb.	1-2 lb./ac	
Simzat		2x2.5 ga.	Per ga.		
SureStart/ TripleFlex	Definite/SureStart/TripleFlex...41 % Acetochlor, 4.3% Clopyralid, 1.3% Flumelsulan	250 MB	Per ga.	1.5-2 pt/ac	Premix of acetochlor, clopyralid (Stinger), & flumetsulam (Python) that provide residual control of grass & broadleaf weeds.
		2x2.5 ga.	Per ga.	1.5-2 pt/ac	
Premix-dimethenamid-P (Outlook) & Saflufenacil (Sharpen)	Verdict	2x2.5 ga.	Per ga.	10-16 oz/ac	
		110s	Per ga.	10-16 oz/ac	

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Pyroxasulfone	Zidua	2x2.5	Per ga.	1.5 to 4 oz/ac	Can be applied preplant, pre-emergence, or early post-emergence
Pyroxasulfone	Zidua PRO	2x2.5	Per ga.	1.5 to 4 oz/ac	
POST-CORN					
Armezon	Topramezone /Impact	6/32 oz.	Per oz.	0.75 oz/ac; w/glyphosate or Liberty 0.5-0.75 oz/ac	Controls annual broadleaf weeds, including biotypes resistant ALS inhibitors, glyphosate, & triazines. Controls or suppress small annual grasses. Most effective when applied in combination with 0.25 to 1.5 lbs active ingredient/A of atrazine.
Armezon PRO		2x2.5 ga.	Per ga.		Premix of topramezone & dimethenamid (outlook)
Capreno		4x1 oz.	Per oz.	3 oz; 2 oz, w/ Liberty; 3 oz w/glyphosate	Premix of tembotrione (Laudis) & thiencazone-methyl. Controls annual grasses & broadleaf weeds in field corn. Provides residual control of grasses. Add. of atrazine (0.5#/A) generally improves control.
Distinct		4/7.5 lb.	Per lb.	4-8 oz/ac	Dicamba & Diflufenzopyr
Halex GT	Mesosate	250 MB	Per ga.	3.6 - 4.0 pts/ac	Premix of glyphosate, mesotrione (Callisto), & s-metolachlor (Dual II Magnum) for post emergence use in glyphosate-resistant corn. Controls emerged grass & broadleaf weeds, & provides approx. 4 weeks of residual weed control.
		2x2.5 ga.	Per ga.		
Hornet	Stanza	4/6 lb.	Per lb.	2-5 oz/ac	Premix of flumetsulam (Phyton) & clopyralid (Stinger) that controls annual broadleaf weeds, & suppresses certain perennial broadleaf weeds.
Laudis		2x2.5 ga.	Per ga.	3 oz.: 2-3 oz. w/Liberty; 3 oz w/glyphosate	Laudis (tembotrione) controls many broadleaf weeds, including biotypes resistant to ALS inhibitors, glyphosate, & triazines. Controls or suppresses small annual grasses. Most effective when applied in combination with 0.5#/A of atrazine.
Status		4 X 125 oz.	Per oz.	2.5-5 oz/ac	Premix of dicamba plus diflufenzopyr plus a safener, for control of most annual broadleaf weeds in corn. Safener results in reduced risk of injury to corn, compared with other dicamba products.
INSECTICIDES					
Aztec 2.1*		50 lb.	Per lb.	6.7 oz/1000 ft of row (8.7 lb/ac)	
Force 6.5G*		50 lb.	Per lb.		
Bifenthrin (22.6%)*	Fanfare ES/Capture 2EC	4x1 ga.	Per ga.		
Bifenthrin (25.1%)	Seize LFC/Capture LFR/Fanfare EC	4x1 ga.	Per ga.		
Pilot	Lorsban	50 lb.	Per lb.	8 oz/1000 ft of row (7.5 lb/ac)	
Dimethoate		2x2.5 ga.	Per ga.		
Beta-Cyfluthrin*	Tombstone, Baythroid	4x1	Per ga.	0.96-1.92 oz/ac	
Lorsban Advanced*	Warhawk	2x2.5 ga.	Per ga.		
Mustang Max*		4x1	Per ga.		
Permethrin*	Pounce	4x1	Per ga.	5 oz/ac	
Generic Warrior/Lambda CY*	Lambda, Lambda-CY, LamCap, Lambda Star, Grizzly, Karate, Paradigm, Province, Scimitar, Silencer, Taiga	4x1	Per ga.	1.92-3.84 oz/ac	

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Generic Warrior II*	LamCap2, Province II	4x1	Per ga.	0.66-1.92 oz/ac	
FUNGICIDES -- IN SEASON					
Headline AMP		2x2.5	Per ga.	10 oz/ac	Pyraclostrobin 28.58% / Metconazole 5.1%
Priaxor	Fluxapyroxad 14.33%; Pyraclostrobin 28.58%	2x2.5	Per ga.	4-8 oz.	Corn & Beans
Prosaro	Prothioconazole 19%; Tebuconazole 19%	2x2.5	Per ga.	6.5-8.5 fl.oz.	Head Scab & most foliar wheat diseases--see label
Quadris	Quadris	2x2.5	Per ga.	6.2 oz/ac, corn. 6.2- 15.4 oz/ac, beans	Azoxystrobin 22.9%
Aframe	Generic Quadris	2x2.5	Per ga.	6.2 oz/ac, corn. 6.2- 15.4 oz/ac, beans	Azoxystrobin 22.9%
	Propiconazole 3.6				
Aframe Plus	Quilt Excel, Propazz	2x2.5	Per ga.	10.5-14.0 oz.	Azoxystrobin 13.5%/Propiconazole 11.7%
Domark	Andiamo	2x2.5	Per ga.	4.0-6.0 oz.	Tetraconazole 20.5%
Caramba	Metconazole 8.6%	2x2.5	Per ga.	13.5 -17 oz.	Suppression Only of Head Scab; 10-14 oz. most other foliar wheat diseases--see label
Stratego Yld/Magistrate	Trifloxystrobin 32.3%/ Prothioconazole 10.8%	2x2.5	Per ga.	4.0-5.0	Trifloxystrobin 32.3%/Prothioconazole 10.8%
Fortix	PreEmptor	2x2.5	Per ga.	4.0-6.0	Flutriafol 19.3%/Fluoxastrobin 14.84%
TriSoto (Trivapro)	Bensovindiflupyr 10.27%/ Azoxystrobin 13.5%/ Propiconazole 11.7%	2x2.5	Per ga.	13.7 oz.	Bensovindiflupyr 10.27%/Azoxystrobin 13.5%/Propiconazole 11.7%
SOYBEAN PRODUCTS					
Authority XL-Generic		2x10 lb.	Per lb.	3-9.6 oz/ac	Premix of chlorimuron (Classic) & sulfentrazone (Spartan) for control or suppression of most annual broadleaf weeds. Does not control ALS-resistant ragweeds, but does provide residual control of ALS-resistant marestail & waterhemp.
Authority XL-Br&		2x10 lb.	Per lb.	3-9.6 oz/ac	
Autumn Super WDG		10x20 oz.	Oz.		
Basagran		2x2.5 ga.	Per ga.	Post 1-2 pt/ac	
Cadet		6x1 qt.	Per qt.	0.4-0.9 oz.	
Canopy DF/Cloak DF	Canopy DF/Cloak DF/ Resist DF	8x5 lb.	Per lb.	2.25-7 oz/ac	Premix of chlorimuron (Classic) + metribuzin. Residual control of ragweeds, annual morningglory, cocklebur, velvetleaf, Pa smartweed, pigweeds, & lambsquarter. Does not control ALS-resistant weeds.
Canopy EX/Cloak EX/Fallout	Canopy EX/Cloak EX/ Fallout	8x80 oz.	Per lb.	1.1-3.3 oz/ac	Premix of chlorimuron (Classic) plus tribenuron (Express). Provides residual control of ragweeds, annual morningglory, cocklebur, velvetleaf, Pa smartweed, pigweeds, & lambsquarter. Does not control ALS-resistant weeds.
Chlorimuron	Classic/Curio	8/10 oz	Oz.	0.25-0.75 oz/ac	Translocated sulfonylurea herbicide. Controls many annual broadleaf weeds. Doesn't control ALS-resistant weeds.
Clethodim	Clethodim, Volunteer, Select, Intensity LPI, Arrow, Section, Select Max	2x2.5 ga.	Per ga.	Post 6-16 oz/ac	Translocated herbicide. Control of annual/ perennial grasses, inc. foxtails, barnyardgrass, fall panicum, johnsongrass, shattercane, quackgrass, & volunt.corn
Lactofen	Cobra/Phoenix	2x2.5 ga.	Per ga.	6-8 oz/ac	Contact herbicide that is similar to Flexstar

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Envive		8 x88 oz.	Oz.	Pre 2.5-5 oz/ac	Premix of chlorimuron (Classic) plus thifensulfuron (Harmony GT) plus flumioxazin (Valor) for residual control of annual broadleaf weeds. Will not control ALS-resistant giant ragweed.
First Rate (4/6 oz.box, 16 boxes per case)	Cloransulam-methy	(4(10x.6 oz)--1.5 lb.	1.0 lb.	0.3-0.6 oz/ac	Controls many annual broadleaf weeds, inc. ragweeds, velvetleaf, lambsquarters, pigweed & cocklebur. Control of waterhemp is usually inadequate. Does not control ALS-resistant weeds.
Fomesafen	Flexstar, Rhythm, BattleStar, TopGun, Reflex, SafenStar, Fomesafen 1.88, Agent	2x2.5 ga.	Per ga.	1-1.6 pt/ac	Controls annual broadleaf weeds, inc. ragweeds, cocklebur, pigweeds, waterhemp, annual morningglories, velvetleaf, Pa. smartweed, black nightshade. Can suppress Ca. thistle, bindweeds & climbing milkweed. No control on lambsquarters.
Flexstar GT		2x2.5 ga.	Per ga.	3-4.5 pts/ac	Premix of glyphosate & fomesafen (Flexstar)
Flexstar GT		250 tote	Per ga.	3-4.5 pts/ac	
Imazethapyr 22.87%	Pursuit/Tronido	4x1 ga.	Per ga.	4 oz/ac	Controls annual broadleaf weeds & suppresses annual grasses. Weak on common & gaint ragweed.
Marvel	Reflex (fomesafen)/ Cadet (fluthiacet methyl) premix	2x2.5 ga.	Per ga.	5-7.5 oz.	Controls small annual broadleaf weeds.
Matador		2x2.5 ga.	Per ga.	Medium textured soil. 2.7-4 pints	Premix of imazethapyr (Pursuit), metribuzin, & metolachlor for preplant & pre=emerge contol of annual grasses & broadleaf weeds. Weak on gaint ragweed & cocklebur. For residual control of marestail, add enough metribuzin to attain the equiv. of 8 oz. 75DF.
Pummel/Punch	Pummel/Punch	2x2.5 ga.	Per ga.	Medium & fine textured soil. 2.0 pt/ac	Premix of imazethapyr (Pursuit) & metolachlor that controls annual grasses & broadleaf weeds...spike with 3 oz metribuzin, superior to Matador
S-Metolachlor	Dual II Magnum, Cinch, Medal II EC, Brawl II, Parallel, Me-Too-Lachlor II	250/265 ga tote	Per ga.	1-2 pt/ac	Controls annual grasses & pigweed. Controls or suppresses waterhemp, black nightshade & yellow nutsedge. Apply preplant or pre-emergence before corn & weeds emerge, post-emergence w/ atrazine up to 5" corn or as a directed spray up to 12" corn & before grass & broadleaf weeds exceed 2-leaf stage. Do not apply using fertilizer solution as the spray carrier after the corn has emerged.
S-Metolachlor	Dual II Magnum, Cinch, Medal II EC, Brawl II, Parallel, Me-Too-Lachlor II	2x2.5 ga.	Per ga.	1-2 pt/ac	
Metribuzin	Dimetric, Tricor, Metri DF	8 x 5 lb.	Per lb.	0.5-1.17 lb/ac	Controls annual broadleaf weeds, inc. Pa. smartweed, pigweeds, waterhemp, lambsquarters & marestail (emerging from seed). Control of common ragweed & velvetleaf is variable. Does not adequately control annual morningglory, giant ragweed, cocklebur or black nightshade.
OpTill WG	Limited	4 per 80	Per oz.	Pre 2 oz/ac	Premix of saflufenacil (Sharpen) & imazethapyr (Pursuit) provides residual control of grass & broadleaf weeds. Can help burndown emerged weeds in no-till, esp. marestail.
Prowl 3.3EC	Stealth LPI/Pendimethalin, Pendimax/Pendant 3.3EC/Acumen	2x2.5 ga.	Per ga.	1.8-3.6 pt/ac	Controls annual grasses, pigweed, & lambsquarter & helps control smartweed & velvetleaf.
Prowl H2O		2x2.5 ga.	Per ga.	1.5-3.0 pt/ac	

PRODUCT (all cash & carry)	SIMILAR PRODUCTS	PACKAGE SIZE	PRICING UNIT	USE RATE	NOTES
Generic Sceptor	Sceptor	4x8.75 lb.	Per lb.	2.8 oz.	
Sharpen		2 by 1	Per ga.	Pre 1 oz/ac	Sharpen (saflufenacil) can help burndown emerged weeds in no-till, especially marestalk, & provides a low level of residual control of broadleaf weeds.
Sonic/Authority First	Sonic/Authority First	2/7.5	lb.	Pre 3-8 oz/ac	Premix of sulfentrazone (Spartan) & cloransulam (First Rate) that controls many broadleaf weeds.
Synchrony XP		8x15 oz.	Per oz.	0.375-0.75 oz./with Glyphosate 0.375 oz.	Premix of chlorimuron (Classic) plus thifensulfuron (Harmony GT). Provides residual control of ragweeds, annual morningglory, cocklebur, velvetleaf, Pa smartweed, pigweeds, & lambsquarter. Does not control ALS-resistant weeds.
Imazethapyr + Glyphosate	Extreme, ThunderMaster, Praxis Plus, DogFight	265 MB	Per ga.	Pre or Post 3 pt/ac	Premix for postemergence plus residual grass & broadleaf weed control in glyphosate soybeans.
Imazethapyr + Glyphosate	Extreme, ThunderMaster, Praxis Plus, DogFight	2x2.5 ga.	Per ga.	Pre or Post 3 pt/ac	Premix for postemergence plus residual grass & broadleaf weed control in glyphosate soybeans.
Flumioxazin	Valor SX/Encompass	4x5 lb.	Per lb.	Pre 2-3 oz/ac	Apply preplant or preemergence to control lambsquarters (inc. triazine-resistant), black nightshade, pigweeds, waterhemp, marestalk (emerging from seed). Suppresses/partial control of common ragweed, morningglory, velvetleaf, smartweed, & some annual grasses.
Trivence		2x200 oz.	Per oz.		Premix of chorimuron (Classic), Flumioxazin (Valor), metribuzin
Valor XLT/Rowel FX		4X 6 lb.	Per lb.	Pre 2.5-5 oz/ac	Premix of chlorimuron (Classic) plus Flumioxazin (Valor) for residual control of most broadleaf weeds. Will not control ALS-resistant giant ragweed. Partial control of ALS-resistant common ragweed.
Pyroxasulfone	Zidua	2x2.5	Per ga.		Apply preplant, pre-emerge or early post emerge.
Pyroxasulfone	Zidua Pro	2x2.5 ga.	Per ga.		MSO & 17#AMS for successful burndown w/ Sharpen
Acetochlor 30.2% + Formesafen 7.1%	Warrant Ultra/ Forrest/ Prefix	2x2.5 ga.	Per ga.	Medium textured soils.	Preplant/preemergence. Early control of annual grasses & small seeded broadleaves (eastern black nightshade, lambsquarters, pigweed, Palmer amaranth, ragweed, etc.)
Acetochlor 30.2% + Formesafen 7.1%	Warrant Ultra/ Forrest/Prefix	265/tote	Per ga.	48-65 oz/ac	Follow by post program.
Acetochlor 33%	Warrant/Arrest CS/ Harness/ Surpass/ Confidence/Volley	2x2.5 ga.	Per ga.	Medium textured soils...1.25-1.9 qts/ac	Residual control of annual grasses, lambsquarters, pigweed, waterhemp, & eastern black nightshade. Post glyphosate & acetochlor mixture, controls emerging weeds & provides residual control.
Acetochlor 33%	Warrant/Arrest CS/ Harness/ Surpass/ Confidence/Volley	265/tote	Per ga.		
TALC PRODUCTS					
Talc USA		10 lb./cont			fortified with .7% Iron & .9% by volume for increase in yield & plant health
Talc USA		20 lb./cont			
Talc USA		50 lb./bag			
Talc USA 80/20 Graphite Blend		10 lb./cont			
Talc USA 80/20 Graphite Blend		20 lb./cont			
Always read and follow herbicide label(s) and/or Ohio and Indiana Weed Control Guide. **Prices subject to change due to market volatility. Prices locked in up on ordering. JDF Prime +2 financing available, add 2% to order. Not eligible for manufacturer rebates. All products cash and carry. *Restricted Use.					