

North Dakota Herbicide Compendium

The listings are approximate average retail prices for small quantities. Herbicide prices do not include cost of additives, surfactants, oils, fertilizer or application costs. Prices vary depending on area of the state, wholesaler, bulk discounts, seasonal changes, quantities purchased and particular programs the manufacturing company offers. Consult local agricultural suppliers for exact price in area.

Product ^{Site of action-pg 100-101}	Company	Brand equiv.	Active Ingredients	Formulation	\$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
Aatrex 4L ⁵	Syngenta	-	atrazine	4F	15.25 gal	0.75 pt	1.5 pt	2 pt	1.40	2.90	3.80
Aatrex Nine-O ⁵	"	-	atrazine	90DF	3.75 lb	0.42 lb	0.56 lb	0.83 lb	1.60	2.10	3.10
Abundit Edge ⁹	Dupont	RU PM	glyphosate-k salt	4.5SL	26.75 gal	22 fl oz	32 fl oz	44 fl oz	4.60	6.70	9.20
Accent Q ²	Dupont	Accent	nicosulfuron + isoxadifen safener	54.5DF	22.50 oz	0.67 oz	1.25 oz	1.8 oz	15.10	28.10	40.50
Accurate Extra ^{2,2,2}	"	Ally Extra	thifensulf & triben & metsulfuron	37.50+18.75+15DF	4.25 oz	10 A/pk	-	5 A/pk	0.85	-	1.70
Acumen ³	Tenkos	Prowl	pendimethalin	3.3EC	34.00 gal	2.4 pt	3 pt	3.64 pt	10.20	12.80	15.50
Acuron ^{5,15,27,27}	Syngenta	-	atra&meto&meso&bicyclo&benox	1+2.14+0.24+.06ZC	73.50 gal	1.5 qt	2.25 qt	3 qt	27.60	41.30	55.10
Acuron Flexi ^{15,27,27}	Syng	-	meto & meso & bicyclo & benox	2.86+0.32+.08ZC	82.50 gal	1.2 qt	-	2.25 qt	24.80	-	46.40
Affinity BrdSpec ^{2,2}	FMC	-	thifensulfuron & tribenuron 1:1	25 + 25SG	11.75 oz	0.4 oz	0.6 oz	1 oz	4.70	7.10	11.80
Affinity TankMix ^{2,2}	FMC	-	thifensulfuron & tribenuron 4:1	40 + 10SG	8.75 oz	0.6 oz	0.75 oz	1 oz	5.30	6.60	8.80
Afforia ^{2,2,14}	Dupont	-	flumioxazin & thifensulf & triben	40.8 & 5 & 5SG	6.00 oz	2.5 oz	3 oz	3.75 oz	10.00	-	12.00
Aqility ^{4,2,2,2}	Dupont	-	dicamba&thifen&triben&metsulf	57.8+4.7+2.4+1.9SG	2.50 oz	1.6 oz	2.4 oz	3.2 oz	4.00	6.00	8.00
Aim EC ¹⁴	FMC	-	carfentrazone-ethyl	2EC	254.50 qt	1/2 fl oz	-	1 fl oz	4.00	-	8.00
Alion ²⁹	Bayer	-	indaziflam	1.67EC	13.75 fl oz	5 fl oz	5.75 fl oz	6.5 fl oz	68.80	79.10	89.40
Alluvex ^{2,2}	Dupont	-	thifensulfuron & rimsulfuron 1:1	16.7 + 16.7SG	7.00 oz	1.5 oz	-	1.5 oz	10.50	-	10.50
Ally ²	FMC	-	metsulfuron-methyl	60XP	9.25 oz	0.05 oz	0.1 oz	0.3 oz	0.50	0.90	2.80
Ally Extra SG ^{2,2,2}	FMC	-	thifensulf & triben & metsulf	27.3+13.6+10.9SG	8.00 oz	0.3 oz	-	0.5 oz	2.40	-	4.00
Amber ²	Syngenta	-	triasulfuron	75DF	10.00 oz	0.14 oz	0.28 oz	0.56 oz	1.40	2.80	5.60
Anthem ^{14,15}	FMC	-	fluthiacet & pyroxasulfone	0.0632 + 2.09SC	2.75 fl oz	5 fl oz	9 fl oz	13 fl oz	13.80	24.80	35.80
Anthem ATZ ^{5,14,15}	FMC	-	atra & fluthiacet & pyroxasulfone	4+0.014+0.485SC	101.75 gal	1.75 pt	2.75 pt	3.75 pt	22.30	35.00	47.70
Anthem Flex ^{14,15}	FMC	-	carfentrazone & pyroxasulfone	0.267 + 3.733SC	588.00 gal	2 fl oz	4 fl oz	4.5 fl oz	9.20	18.40	20.70
Anthem Maxx ^{14,15}	FMC	-	fluthiacet & pyroxasulfone	0.126 + 4.174SC	737.00 gal	2.5 fl oz	4.5 fl oz	6.5 fl oz	14.40	25.90	37.40
Armezon ²⁷	BASF	Impact	topramezone	2.8SC	23.00 fl oz	0.33 fl oz	0.5 fl oz	0.75 fl oz	7.60	11.50	17.30
Armezon Pro ^{15,27}	BASF	-	topramezone & dimethenamid	0.1 + 5.25SC	158.00 gal	16 fl oz	20 fl oz	24 fl oz	19.80	24.70	29.60
Arrow ¹	Adama	Select	clethodim	2EC	73.50 gal	4 fl oz	6 fl oz	8 fl oz	2.30	3.40	4.60
ArsenalPowerline ²	BASF	-	imazapyr-ipa salt	2AS	70.00 gal	1 qt	2 qt	3 qt	17.50	35.00	52.50
Assure II ¹	Dupont	-	quizalofop-ethyl	0.88EC	107.25 gal	4 fl oz	8 fl oz	10 fl oz	3.40	6.70	8.40
Atra-5 ⁵	Drexel	-	atrazine	5F	18.50 gal	0.75 pt	1.5 pt	2 pt	1.80	3.50	4.70
Atrazine 4L ⁵	Several	-	atrazine	4F	18.00 gal	0.75 pt	1.5 pt	2 pt	1.70	3.40	4.50
Atrazine 90DF ⁵	Several	-	atrazine	90DF	3.50 lb	0.42 lb	0.83 lb	1.11 lb	1.50	2.90	3.90
Audit ^{2,2}	Arysta	-	thifensulfuron & tribenuron 3:1	50 + 25XP	15.00 oz	0.15 oz	0.3 oz	0.6 oz	2.25	4.50	9.00
Authority Assist ^{2,14}	FMC	-	imazethapyr & sulfentrazone	0.67 + 3.33L	2.75 fl oz	6 fl oz	7.5 fl oz	9 fl oz	16.50	20.60	24.80
Authority Elite ^{15,14}	FMC	BroadAxe	S-metolachlor & sulfentrazone	6.3 + 0.7EC	113.25 gal	20 fl oz	25 fl oz	32 fl oz	17.70	22.10	28.30
Authority First ^{2,14}	FMC	Sonic	cloransulam & sulfentrazone	7.9 + 62.1WDG	5.00 oz	4 oz	6 oz	8 oz	20.00	30.00	40.00
Authority MTZ ^{5,14}	FMC	-	metribuzin & sulfentrazone	27 + 18WDG	23.50 lb	8 oz	12 oz	15 oz	11.80	17.60	22.00
Authority Supreme ^{14,15}	"	-	pyroxasulfone & sulfentrazone	2.08 + 2.08SC	437.00 gal	5 fl oz	8 fl oz	11 fl oz	17.00	27.30	37.50
Autumn Super ^{2,2}	Bayer	-	iodosulfuron & thiencarbazone	6 + 45WDG	23.00 oz	0.5 oz	-	0.5 oz	11.50	-	11.50
Avadex MA ⁸	Gowan	Far-Go	triallate	10G	1.25 lb	10 lb	12.5 lb	15 lb	12.50	15.60	18.80
Avalanche Ultra ¹⁴	Winfld	-	acifluorfen-Na salt	2SL	90.00 gal	1 pt	1.5 pt	2 pt	11.25	16.90	22.50
Axial Star ^{4,1}	Syngenta	-	fluroxypyr & pinoxaden & safnr	0.73 + 0.42EC	141.25 gal	16.4 fl oz	-	16.4 fl oz	18.10	-	18.10
Axial XL ¹	Syngenta	-	pinoxaden&cloquintocet safener	0.42EC	131.75 gal	16.4 fl oz	-	16.4 fl oz	16.90	-	16.90
Balance Flexx ²⁷	Bayer	-	isoxaflutole & cyprosulfamide	2SC	4.75 fl oz	3 fl oz	4.5 floz	6 fl oz	14.25	21.40	28.50
Banvel ⁴	Arysta	-	dicamba-dma salt	4SL	75.00 gal	4 fl oz	8 fl oz	16 fl oz	2.30	4.70	9.40
Barrage HF ⁴	Helena	-	2,4-D ethylhexyl-ester	4.7SL	44.00 gal	6 fl oz	9 fl oz	13 fl oz	2.10	3.10	4.50
Basagran ⁶	Arysta	-	bentazon-Na salt	4SL	67.75 gal	1 pt	1.5 pt	2 pt	8.50	12.70	16.90
Basagran 5L ⁶	BASF	Basgran	bentazon-Na salt	5SL	75.50 gal	0.8 pt	1.2 pt	1.6 pt	7.60	11.30	15.10
Basis Blend ^{2,2}	Dupont	Resolve Q	rimsulfuron & thifen & isoxadifen	20 + 10SG	7.25 oz	1.25 oz	-	1.5 oz	9.10	-	10.90
Beacon ²	Syngenta	-	primisulfuron-methyl	75DF	36.00 oz	0.38 oz	0.5 oz	0.76 oz	13.70	18.00	27.40
Bentazon ⁶	Willowood	Basagran	bentazon-Na salt	4SL	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Betamix ^{5,5}	Bayer	-	desmedipham & phenmedipham	0.65 + 0.65EC	90.00 gal	4.62 pt	6 pt	7.7 pt	52.00	67.50	86.65
Beyond ²	BASF	Raptor	imazamox-NH ₄ salt	1SL	542.00 gal	2 fl oz	3 fl oz	4 fl oz	8.50	12.70	16.90
Bicep II Magnum ^{5,15}	Syng	-	atrazine & S-metolachlor	3.1 + 2.4L	41.25 gal	2.1 qt	2.35 qt	2.6 qt	21.70	24.20	26.80
Bicep Lite II Magnum ^{5,15}	"	-	atrazine & S-metolachlor	2.67 + 3.23L	53.50 gal	1.5 qt	1.9 qt	2.2 qt	20.10	25.40	29.40
Bison ^{6,4}	Winfield	Bronate	bromoxynil ester & MCPA ester	2 + 2EC	52.00 gal	1 pt	1.5 pt	2 pt	6.50	9.75	11.00
Blanket ¹⁴	Tenkos	Spartan	sulfentrazone	4L	227.00 gal	3 fl oz	4.5 fl oz	6 fl oz	5.30	8.00	10.60
Boundary ^{15,5}	Syngenta	-	S-metolachlor & metribuzin	5.25 + 1.25L	90.00 gal	1.2 pt	1.6 pt	2.45 pt	13.50	18.00	27.60
Brash ^{4,4}	Winfield	Weedmstr	2,4-D-dma & dicamba-dma salt	2.87 + 1SL	35.00 gal	0.5 pt	2 pt	4 pt	2.20	8.75	17.50
Brawl ¹⁵	Tenkos	Dual Mag	S-metolachlor	7.62EC	82.75 gal	1.33 pt	1.67 pt	2 pt	13.80	17.30	20.70

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Brawl II ¹⁵	Tenkoz	Dual II M	S-metolachlor & benoxacor safen	7.64EC	87.75 gal	1.33 pt	1.67 pt	2 pt	14.60	18.30	21.90
Breakfree ¹⁵	Dupont	Surpass	acetochlor & dichlormid safener	6.4EC	65.00 gal	1.5 pt	2 pt	2.25 pt	12.20	16.25	18.30
Breakfree NXT Lite ^{15.5}	"	Harness X	acetochlor & atrazine	4.3 + 1.7L	43.00 gal	1.5 qt	1.8 qt	2.1 qt	16.10	19.40	22.60
Broadrange 55 ⁴	Wilbur	2,4-D	2,4-D-diethylamine salt	5.03L	36.00 gal	0.38 pt	0.75 pt	1.5 pt	1.70	3.40	6.75
BroadAxe XC ^{15,14}	Syng	Auth. Elite	S-metolachlor & sulfentrazone	6.3 + 0.7EC	121.50 gal	20 fl oz	25 fl oz	32 fl oz	19.00	23.70	30.40
Broclean ⁶	Loveland	Buctril	bromoxynil-ester	2EC	72.25 gal	1 pt	1.5 pt	2 pt	9.00	13.50	18.10
Bromac ^{6,4}	Loveland	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	50.25 gal	1 pt	1.5 pt	2 pt	6.30	9.40	12.60
Bromac Advanced ^{6,4}	Lvld	Bron. Adv.	bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	73.00 gal	0.8 pt	1.2 pt	1.6 pt	7.30	11.00	14.60
Brox ⁶	Albaugh	Buctril	bromoxynil-ester	2EC	44.75 gal	1 pt	1.5 pt	2 pt	5.60	8.40	11.20
Brox M ^{6,4}	Albaugh	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	46.75 gal	1 pt	1.5 pt	2 pt	5.80	8.80	11.70
Brox M Ultra ^{6,4}	Albaugh	Bron. Adv.	bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	60.00 gal	0.8 pt	1.2 pt	1.6 pt	6.00	9.00	12.00
Buccaneer/Plus ⁹	Tenkoz	Roundup	glyphosate-ipa salt	3SL	22.00 gal	2 pt	3 pt	4 pt	5.50	8.25	11.00
Butyrac 200 ⁴	Albaugh	-	2,4-DB-dma salt	2SL	27.50 gal	2 pt	3 pt	4 pt	6.90	10.30	13.80
Cadet ¹⁴	FMC	-	fluthiacet-methyl	0.91SL	298.00 qt	0.4 fl oz	0.65 fl oz	0.9 fl oz	3.70	6.10	8.40
Callisto ²⁷	Syngenta	-	mesotrione	4SE	262.00 gal	2 fl oz	2.5 fl oz	3 fl oz	4.10	5.10	6.10
Callisto GT ^{9,27}	Syngenta	-	mesotrione & glyphosate	0.38 + 3.8SE	43.50 gal	2 pt	-	2 pt	10.90	-	10.90
Callisto Xtra ^{27,5}	Syngenta	-	mesotrione & atrazine	0.5 + 3.2SC	47.00 gal	15 fl oz	22 fl oz	24 fl oz	5.50	8.10	8.80
Candor ^{4,4}	Nufarm	Crossbow	triclopyr-bee & 2,4-D-bee	1 + 2SL	42.00 gal	1 qt	3 qt	6 qt	10.50	31.50	63.00
Capreno ^{27,2}	Bayer	-	tembo & thien carbazone & isox	2.88 + 0.57SC	5.08 fl oz	3 fl oz	-	3 fl oz	15.25	-	15.25
Capstone ^{4,4}	Corteva	-	aminopyralid-3ipNH ₄ & triclopyr	0.1 + 1SL	50.00 gal	4 pt	5 pt	6 pt	25.00	31.30	37.50
Carnivore ^{4,4,6}	Winfield	-	MCPA & fluroxypyr & bromoxynil	1.67+0.67+1.67EC	58.00 gal	1 pt	1.5 pt	2 pt	7.25	10.90	14.50
Casoron 4G	Uniroyal	-	dichlobenil	4G	2.50 lb	100 lb	150 lb	200 lb	250	375	500
Casoron 10G	Uniroyal	-	dichlobenil	10G	7.50 lb	40 lb	60 lb	80 lb	300	450	600
Chaparral ^{4,2}	Corteva	-	aminopyralid-K salt+ metsulfuron	52.5 + 9.45DF	102.25 lb	1 oz	2 oz	3 oz	6.40	12.80	19.20
Charger Basic ¹⁵	Winfield	Dual Mag.	S-metolachlor	7.62EC	70.00 gal	1.33 pt	1.67 pt	2 pt	11.70	14.60	17.50
Charger Max ¹⁵	Winfield	Dual II M	S-metolachlor & benoxacor safen	7.64EC	80.00 gal	1.33 pt	1.67 pt	2 pt	13.30	16.70	20.00
Chateau ¹⁴	Valent	Valor	flumioxazin	51WDG	5.75 oz	1.5 oz	2 oz	2.5 oz	8.60	11.50	14.40
Cheetah ¹⁰	Nufarm	Liberty	glufosinate-NH ₄ salt	2.34SL	68.25 gal	29 fl oz	32 fl oz	43 fl oz	15.50	17.10	22.90
Cheetah Max ¹⁰	Nufarm	-	fomesafen & glufosinate-NH ₄ salt	1 + 2SL	- gal	24 fl oz	-	24 fl oz	-	-	-
Cimarron X-tra ^{2,2}	Bayer	-	chlorsulfuron & metsulfuron	37.5 + 30DF	17.00 oz	0.5 oz	1 oz	2 oz	8.50	17.00	34.00
Cinch ¹⁵	Dupont	Dual II M	S-metolachlor & benoxacor safen	7.64EC	107.50 gal	1.33 pt	1.67 pt	2 pt	17.90	22.40	26.90
Cinch ATZ Lite ^{5,15}	Dupont	Bicep II L	atrazine & S-metolachlor	2.67 + 3.23L	49.50 gal	1 qt	1.5 qt	1.9 qt	12.40	18.60	23.50
Clarity ⁴	BASF	-	dicamba-dga salt	4SL	90.25 gal	4 fl oz	8 fl oz	16 fl oz	2.80	5.60	11.30
Clash ⁴	Nufarm	Clarity	dicamba-dga salt	4SL	80.00 gal	2 fl oz	4 fl oz	8 fl oz	2.50	5.00	10.00
Classic ²	Dupont	-	chlorimuron	25DF	16.25 oz	0.25 oz	0.33 oz	0.5 oz	4.10	5.40	8.10
Clean Slate ⁴	Nufarm	Stinger	clopyralid-monoethanolamine salt	3SL	185.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	1.90	3.80	5.80
Cleansweep D ^{4,4,6}	Nufarm	-	fluroxypyr-e & 2,4-D-e & bromox	0.64 + 1.6 + 2EC	70.00 gal	1 pt	1.25 pt	1.5 pt	8.15	10.15	12.20
Cleansweep M ^{4,4,6}	Nufarm	-	fluroxypyr-e & MCPA-e & bromox	0.67+1.67+1.67 EC	57.00 gal	1 pt	1.5 pt	2 pt	7.10	10.70	14.30
CleanTraxx ¹	Corteva	-	penoxsulam & oxyfluorfen	0.083 + 3.93EC	- gal	3pt	3.75 pt	4.5 pt	-	-	-
CleanWave ^{4,4}	Corteva	-	aminopyralid & fluroxypyr	0.08 + 1.12EC	65.00 gal	10 fl oz	12 fl oz	14 fl oz	5.10	6.10	7.10
Clethodim ¹	Severl	Select	clethodim	2EC	85.00 gal	4 fl oz	6 fl oz	8 fl oz	2.70	4.00	5.35
Cobra ¹⁴	Valent	-	lactofen	2EC	215.00 gal	8 fl oz	10 fl oz	12.5 fl oz	13.45	16.80	21.00
Collide ¹⁴	UPI	Goal	oxyfluorfen	2EC	98.00 gal	4 pt	6 pt	8 pt	45.00	67.50	90.00
Colt AS ^{4,4}	Loveland	WideMatch	clopyralid-MEAsalt & fluroxypyr-e	0.75 + 0.75EC	71.50 gal	1 pt	1.25 pt	1.33 pt	8.90	11.20	11.90
Colt + Salvo ^{4,4}	Loveland	-	fluroxypyr-ester & 2,4-D-ester	0.75 + 3EC	74.50 gal	1 pt	1.33 pt	1.67 pt	9.30	12.40	15.60
Colt + Sword ^{4,4}	Loveland	-	fluroxypyr-ester & MCPA-ester	0.71 + 2.84EC	90.25 gal	1.125 pt	1.5 pt	2 pt	12.70	16.90	22.60
Comet ⁴	Nufarm	Starane	fluroxypyr-ester	1.5EC	64.50 gal	0.5 pt	0.67 pt	1 pt	4.00	5.40	8.10
Confidence ¹⁵	Winfield	Harness	acetochlor & safener	7EC	75.00 gal	1.25 pt	1.75 pt	2.25 pt	11.70	16.40	21.10
Confidence Xtra ^{15,5}	"	Harness X	acet & dichlormid & atra	4.3 + 1.7F	55.00 gal	1.2 qt	1.5 qt	1.8 qt	16.50	20.60	25.00
Cornerstone/Plus ⁹	"	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Corvus ^{27,2}	Bayer	-	isox&thien carbazone&cyrosulf	1.88 & 0.75SC	7.50 fl oz	3.3 fl oz	4.5 fl oz	5.6 fl oz	24.75	33.75	42.00
Credit 41 Extra ⁹	Nufarm	Roundup	glyt-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Credit Xtreme ⁹	Nufarm	-	glyphosate-ipa & K salt	2.5 + 2 SL	18.00 gal	22 fl oz	32 fl oz	44 fl oz	3.10	4.50	6.20
Crossbow ^{4,4}	Corteva	-	triclopyr-bee & 2,4-D-bee	1 + 2SL	47.25 gal	1 qt	3 qt	6 qt	11.80	35.40	70.90
Curtail ^{4,4}	Corteva	-	clopyralid-mea & 2,4-D-3ipa salt	0.38 + 2SL	71.25 gal	2 pt	2.67 pt	4 pt	17.90	23.90	35.90
Curtail M ^{4,4}	Corteva	-	clopyralid-acid & MCPAioester	0.42 + 2.35SL	81.50 gal	1.75 pt	2 pt	2.33 pt	17.80	20.40	23.70
Dacthal	Amvac	-	DCPA	6F	202 gal	8 pt	10 pt	14 pt	202	253	354
Dacthal	Amvac	-	DCPA	75WDG	20.00 lb	8 lb	10 lb	14 lb	160	200	280
Deadbolt ^{6,4}	Wilbur-Ellis	-	bromoxynil-ester & 2,4-D-ester	2 + 2.5EC	68.00 gal	12.8 fl oz	-	12.8 fl oz	6.80	-	6.80
Defol	Drexel	Na chlorat	Sodium chlorate	5SL	5.75 gal	4.8 qt	-	4.8 qt	6.90	-	6.90
Detonate ⁴	Tenkoz	Banvel	dicamba-dma salt	4SL	71.50 gal	4 fl oz	8 fl oz	16 fl oz	2.20	4.50	8.90
Diablo ⁴	Nufarm	Banvel	dicamba-dma salt	4SL	75.00 gal	4 fl oz	8 fl oz	16 fl oz	2.40	4.70	9.40

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Dicamba ⁴	Several	Banvel		dicamba-dma salt	4SL	51.25 gal	4 fl oz	8 fl oz	16 fl oz	1.60	3.20	6.40
DiFlexx ⁴	Bayer	Clarity		dicamba-dga & cyrosulfamide	4SL	208.00 gal	8 fl oz	12 fl oz	16 fl oz	13.00	19.50	26.00
DiFlexx Duo ⁴	Bayer	-		dic-dga & tembotrion & safener	1.86 + 0.27SC	97.00 gal	24 fl oz	32 fl oz	40 fl oz	18.20	24.25	30.30
Dimetric EXT ⁵	Winfield	Sencor		metribuzin	75DF	18.00 lb	0.25 lb	0.33 lb	0.5 lb	4.50	5.95	9.00
Dimetric ⁵	Winfield	Sencor		metribuzin	3F	72.00 gal	0.5 pt	0.67 pt	1 pt	4.50	5.95	9.00
Discover NG ¹	Syngenta	-		clodinafop & oil adjuvant	0.5EC	143.25 gal	12.8 floz	14.5 floz	16 fl oz	14.30	16.20	17.90
Diquat ²²	Nufarm	Reglone		diquat-dibromide salt	2SL	57.50 gal	1 pt	1.5 pt	2 pt	7.20	10.80	14.40
Diuron ⁷	Several	-		diuron	80WDG	8.00 lb	0.75 lb	2 lb	6 lb	6.00	16.00	48.00
Dog Fight ^{2,9}	Loveland	Extreme		imazethapyr-acid & glyt-ipa salt	0.17 + 2SL	28.75 gal	1.5 pt	2.25 pt	3 pt	5.40	8.10	10.80
Double Header ^{15,27}	Lvld	-		acetochlor & mesotrione	3.2 + 0.38	52.50 gal	1.7 qt	2 qt	2.4 qt	22.30	26.30	31.50
Draft ^{2,2}	Rotam	Harm Extr		thifensulfuron & tribenuron	50 + 25DF	11.00 oz	0.3 oz	-	0.3 oz	3.30	-	3.30
Dual Magnum ¹⁵	Syngnt	-		S-metolachlor	7.62EC	98.25 gal	1.33 pt	1.67 pt	2 pt	16.30	20.50	24.60
Dual II Magnum ¹⁵	"	-		S-metolachlor & benoxacor safen	7.64EC	112.25 gal	1.33 pt	1.67 pt	2 pt	18.70	23.40	28.10
Duramax ⁹	Corteva	Rodeo		glyphosate-dma salt	4SL	30.00 gal	24 fl oz	36 fl oz	48 fl oz	5.70	8.45	11.25
Durango DMA ⁹	Corteva	Roundup		glyphosate-dma salt	4SL	20.00 gal	24 fl oz	36 fl oz	48 fl oz	3.80	5.60	7.50
Elevore ⁴	Corteva			halauxifen-methyl	0.572 EC	935 gal	1 fl oz	-	1 fl oz	7.30	-	7.30
Encompass ¹⁴	Tenkoz	Valor		flumioxazin	51WDG	6.00 oz	2 oz	2.5 oz	3 oz	12.00	15.00	18.00
Engenia ⁴	BASF	-		dicamba-BAPMA salt	5SL	109.75 gal	12.8 fl oz	19.2 fl oz	25.6 fl oz	11.00	16.50	22.00
Enlist Duo ^{4,9}	Corteva			glyphosate-dma & 2,4-D-choline	1.7 + 1.6SL	27.50 gal	3.5 pt	4 pt	4.75 pt	12.00	13.80	16.30
Enlist One ⁴	Corteva			2,4-D-choline	3.8SL	39.00 gal	1 pt	1.5 pt	2 pt	4.90	7.30	9.80
Eptam ⁸	Gowan	-		EPTC	7EC	52.00 gal	2.3 pt	4 pt	6.75 pt	15.00	26.00	43.90
Escort XP ²	Bayer	Ally		metsulfuron-methyl	60XP	7.00 oz	0.33 oz	1 oz	2 oz	2.30	7.00	14.00
Establish ¹⁵	Tenkoz	Outlook		dimethenamid	6EC	180.00 gal	16 fl oz	18 fl oz	21 fl oz	22.50	25.35	29.55
Ethofumesate ¹⁶	Willow	Nortron		ethofumesate	4SC	70.00 gal	6 pt	7 pt	7.5 pt	52.50	61.25	66.65
Ethotron ¹⁶	UPI	Nortron		ethofumesate	4EC	95.00 gal	6 pt	7 pt	7.5 pt	71.25	83.15	89.10
Everest 3.0 ²	Arysta	-		flucarbazone-Na salt & safener	1.75OD	7.75 fl oz	1.5 fl oz	-	2 fl oz	11.60	-	15.50
Express SG ²	FMC	-		tribenuron-methyl	50SG	22.00 oz	1/4 oz	1/3 oz	1/2 oz	5.00	6.70	10.00
Extra Credit 5 ⁹	Nufarm	Roundup		glyphosate-ipa salt	3.75SL	28.00 gal	1.6 pt	2.4 pt	3.2 pt	5.00	7.50	10.00
Extreme ^{2,9}	BASF	-		imazethapyr-acid & glyt-ipa salt	0.17 + 2SL	29.00 gal	1.5 pt	2.25 pt	3 pt	5.40	8.20	10.90
Fallow Star ^{9,4}	Albaugh	Fallow Mst		glyt-ipa & dicamba-ipa salt	1.1 + 0.5SL	20.00 gal	22 fl oz	32 fl oz	44 fl oz	3.40	5.50	6.90
Far-Go EC ⁸	Gowan	-		triallate	4EC	55.50 gal	1 qt	1.25 qt	1.5 qt	13.90	17.30	20.80
Facet L ^{4,26}	BASF	-		quinclorac	1.5L	113.50 gal	22 fl oz	32 fl oz	64 fl oz	19.50	28.40	56.80
FeXapan ⁴	Dupont	XtendiMax		dicamba-dga salt + VaporGrip	2.9SL	74.25 gal	22 fl oz	33 fl oz	44 fl oz	12.80	19.10	25.50
Fierce ^{14,15}	Valent	-		flumioxazin + pyroxasulfone	33.5 + 42.5WDG	7.40 oz	3 oz	3.33 oz	3.75 oz	22.20	24.65	27.75
Fierce MTZ ^{5,14,15}	Valent			flumioxazin&pyroxasulfone+metri	33.5+42.5WDG+4F		3 + 6 oz	-	3.75+7.5oz	24.30	-	30.40
Firestorm ²²	Arysta	Paraquat		paraquat-dichloride	3SL	35.00 gal	2 pt	3 pt	4 pt	8.75	13.15	17.50
FirstRate ²	Corteva	-		cloransulam-methyl	84WDG	46.25 oz	0.3 oz	0.6 oz	0.75	13.90	27.80	34.70
Flexstar ¹⁴	Syngenta	-		fomesafen-Na salt & adjuvants	1.88EC	66.50 gal	0.5 pt	-	0.75 pt	4.20	-	6.20
Flexstar GT 3.5 ^{14,9}	Syng	-		fomesafen & glyt & adjuvants	0.56 + 2.26SL	39.00 gal	1.75 pt	-	2.68 pt	8.50	-	13.10
Foma 1.88 ¹⁴	Drexel	Flexstar		fomesafen-Na salt & adjuvants	1.88EC	33.00 gal	0.5 pt	-	0.75 pt	2.10	-	3.10
Foma 2.0 ¹⁴	Drexel	Reflex		fomesafen-Na salt	2EC	41.50 gal	0.5 pt	-	0.75 pt	2.60	-	3.90
FomAsate ^{14,9}	Drexel	Flexstr GT		fomesafen & glyt & adjuvants	0.56 + 2.26SL	25.00 gal	1.75 pt	-	2.68 pt	5.50	-	8.40
Fomesafen1.88	Willowd	Flexstar		fomesafen-Na salt & adjuvants	1.88EC	39.00 gal	0.5 pt	-	0.75 pt	2.40	-	3.70
Forefront HL ^{4,4}	Corteva	-		aminopyralid-3ipNH ₄ & 2,4-D	0.41 + 3.33EC	61.75 gal	1.2 pt	1.5 pt	2.1 pt	9.30	11.60	16.20
Framework ³	Winfield	Prowl		pendimethalin	3.3EC	40.00 gal	2.4 pt	3 pt	3.64 pt	12.00	15.00	18.20
Frequency ²⁷	BASF	Impact		topramezone	2.8SC	860.00 gal	1 oz	2 oz	4 oz	6.70	13.50	26.40
Full Deck ^{4,4,4}	Helena	-		MCPA & fluroxypyr & clopyralid	2.48+ 0.66 + 0.57SL	95.00 gal	1 pt	1.25 pt	1.5 pt	11.90	14.85	17.85
FulTime NXT ^{15,5}	Corteva	-		acetochlor & atrazine	2.4 ME + 1.6L	41.00 gal	2.5 qt	2.7 qt	3 qt	25.60	27.70	30.80
Fusilade DX ¹	Syngenta	-		fluazifop-P butyl	2EC	135.00 gal	6 fl oz	10 fl oz	12 fl oz	6.30	10.50	12.70
Fusion ^{1,1}	Syngenta	-		fluazifop-P & fenoxaprop	2 + 0.66EC	204.00 gal	6 fl oz	10 fl oz	12 fl oz	9.60	15.90	19.10
Garlon 4 Ultra ⁴	Corteva	-		triclopyr-ester	4EC	103.00 gal	1 qt	2 qt	4 qt	25.80	51.50	103.00
Glory ⁵	Adama	Sencor		metribuzin	75DF	14.25 lb	0.25 lb	0.33 lb	0.5 lb	3.60	4.70	7.10
Glyphogan/Plus ⁹	Adama	Roundup		glyphosate-ipa salt	3SL	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00
GlyStar 5Extra ⁹	Albaugh	Rodeo		glyphosate-ipa salt	4SL	25.00 gal	24 fl oz	36 fl oz	48 fl oz	4.70	6.25	9.40
GlyStar Gold ⁹	"	Roundup		glyphosate-ipa salt	3SL	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00
GlyStar Original ⁹	"	Roundup		glyphosate-ipa salt	3SL	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00
GlyStar Plus ⁹	Albaugh	Roundup		glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.80	5.60	7.50
Goal ¹⁴	Corteva	Collide		oxyfluorfen	2EC	79.50 gal	4 pt	6 pt	8 pt	39.80	59.60	79.50
GoldSky ^{2,2,4}	Corteva	-		pyroxulam&florasulam&flurox	0.11+0.018+0.71OD	150.00 gal	1 pt	-	1 pt	18.75	-	18.75
Gramoxone SL 2.0 ²²	Syn	Paraquat		paraquat-dichloride	2SL	30.50 gal	1 pt	1.5 pt	2 pt	3.80	5.70	7.60
Graslan L ^{4,4}	Corteva	Grazon		picloram-3ipa & 2,4-D-choline	0.81 + 3SL	43.00 gal	1.5 pt	2 pt	2.5 pt	8.10	10.80	13.40
GrazonNext ^{4,4}	Corteva	-		aminopyralid-3ipa + 2,4-D-3ipa	0.33 + 2.67SL	52.75 gal	1.5 pt	2 pt	2.6 pt	9.90	13.20	17.10

Product	Site of action-pg 100-101		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Grazon P+D ^{4,4}	Corteva	Graslan		picloram-3ipa & 2,4-D-3ipa	0.54 + 2SL	30.25 gal	2 qt	3 qt	4 qt	15.10	22.70	30.30
GunSlinger ^{4,4}	Albaugh	Grazon		picloram-3ipamine&2,4-D-3ipa	0.54 + 2 S	35.00 gal	2 qt	3 qt	4 qt	17.50	26.25	35.00
Habitat ²	BASF	Arsenal		imazapyr-ipa salt	2SL	130.00 gal	1 qt	2 qt	3 qt	32.50	65.00	95.50
Halex GT ^{27,9,15}	Syngenta	-		mesotrione & glyt-K & S-meto	4.39 SC (1:10:10)	55.50 gal	3 pt	3.6 pt	4 pt	20.80	25.00	27.80
Halomax ²	Aceto	Permit		halosulfuron-methyl	75DF	22.00 oz	0.67 oz	1 oz	1.33 oz	14.75	22.00	29.30
Harmony SG ²	FMC	-		thifensulfuron-methyl	50SG	39.25 oz	0.3 oz	0.45 oz	0.7 oz	11.80	17.70	27.50
Harness ¹⁵	Bayer	-		acetochlor & furilazole safener	7EC	77.00 gal	1.25 pt	1.75 pt	2.25 pt	12.00	16.80	21.70
Harness Max ¹⁵	Bayer	-		acet & meso & furilazole safener	3.52 + 0.33EC	62.75 gal	40 fl oz	55 fl oz	88 fl oz	19.60	27.00	43.10
Harness Xtra ^{15,5}	Bayer	-		acet & furilazole & atrazine	4.3 + 1.7F	61.00 gal	1.2 qt	1.5 qt	1.8 qt	18.30	22.90	27.50
Harness Xtra 5.6L ^{15,5}	"	-		acet & furilazole & atrazine	3.1 + 2.5F	51.00 gal	1.5 qt	1.7 qt	2.3 qt	19.10	21.70	29.30
Hat Trick ^{4,4,4}	Loveland	-		clop-mea&fluroxy-mhe&MCPAe	0.51 + 0.51 + 1.8EC	68.25 gal	1 pt	1.5 pt	2 pt	8.50	12.80	17.10
Helmquat ²²	Helm	Gramoxon		paraquat-dichloride	3SL	40.00 gal	0.67 pt	1 pt	1.33 pt	3.35	5.00	6.65
Herbivore ²	Winfield	Permit		halosulfuron-methyl	75DF	22.00 oz	0.67 oz	1 oz	1.33 oz	14.75	22.00	29.26
Hornet ^{2,4}	Corteva	-		flumetsulam & clopyralid-K salt	18.5 + 60WDG	4.50 oz	2 oz	3 oz	4 oz	9.00	13.50	18.00
Huskie ^{6,27}	Bayer	-		brom & pyrasulfotole & mefenpyr	1.75 + 0.31EC	115.00 gal	11 fl oz	12.8 fl oz	13.7 fl oz	9.90	11.50	12.30
Huskie Complete ^{6,27,2}	"	-		brom&pyrasulf&thiencarb&mfnp	1.46+0.26+0.042OD	202.00 gal	13.7 fl oz	-	13.7 fl oz	21.60	-	21.60
Hydrothol 191	UPI	Herb. 273		endothall	2G	5.00 lb	-	-	-	-	-	-
Hyvar X-L	Bayer	-		bromacil	80WP	22.00 lb	3 lb	7 lb	15 lb	66.00	154	330
Impact ²⁷	AMVAC	Armezon		topramezone	2.8SC	19.00 fl oz	0.33 fl oz	0.5 fl oz	0.75 fl oz	6.30	9.50	14.30
ImpactZ ^{5,27}	AMVAC	-		topramezone & atrazine	0.26 & 4SC	161.00 gal	8 fl oz	-	10.7 fl oz	10.00	-	13.50
Impose ²	Adama	Plateau		imazapic-NH ₄ salt	2SL	1.75 fl oz	4 fl oz	8 fl oz	12 fl oz	7.00	14.00	21.00
Incinerate ²⁷	Winfield	Callisto		mesotrione	4SE	180.00 gal	2 fl oz	2.5 fl oz	3 fl oz	2.80	3.50	4.25
Instigate ^{2,27}	Dupont	Realm Q		rimsulfuron & mesotrione	4.17 + 41.67WDG	3.50 oz	5.25 oz	-	7 oz	18.40	-	24.50
Intensity ¹	Loveland	Select		clethodim	2EC	65.00 gal	4 fl oz	6 fl oz	8 fl oz	2.80	4.20	5.60
Intensity One ¹	Loveland	Select Max		clethodim	1EC	87.00 gal	6 fl oz	8 fl oz	12 fl oz	4.10	5.45	8.20
Interline ¹⁰	UPI	Liberty		glufosinate-NH ₄ salt	2.34SL	81.25 gal	22 fl oz	29 fl oz	36 fl oz	14.00	18.40	22.90
Karmex ⁷	Adama	Diuron		diuron	80XP	4.75 lb	2 lb	6 lb	8 lb	9.50	28.50	38.00
Keystone LA NXT ^{15,5}	Cor	Harness		acetochlor & atrazine	4 + 1.5L	59.00 gal	1.33 qt	1.5 qt	1.8 qt	19.60	22.10	26.60
Kochiavore ^{6,4}	Winfield	-		2,4-De&bromox-e&fluroxypr-e	1.67&1.67&0.67EC	65.00 gal	1 pt	-	1.5 pt	8.20	-	12.30
Krovlar I ^{6,7}	Bayer	-		bromacil & diuron	40 + 40DF	11.50 lb	6 lb	12 lb	16 lb	69.00	138.00	184.00
Landmaster BW ^{9,4}	Albgh	-		glyphosate-ipa & 2,4-D-ipa salt	0.9 + 1.5SL	21.00 gal	27 fl oz	40 fl oz	54 fl oz	4.40	6.60	8.90
Latigo ^{4,4}	Helena	Weedmstr		dicamba-acid & 2,4-D-acid	1.8 + 2.4 SL	74.00 gal	0.33 pt	0.67 pt	1 pt	3.10	6.20	9.30
Latir ^{2,14}	Adama	-		flumioxazin & imazethapyr	31.5 + 23.5WDG	- oz	3.2 fl oz	3.8 fl oz	4.25 fl oz	-	-	-
Laudis ²⁷	Bayer	-		tembotrione & isoxadifen safener	3.5 + 1.75SC	4.21 fl oz	3 fl oz	-	3 fl oz	12.65	-	12.65
LeadOff ^{2,2}	Dupont	Alluvex		thifensulfuron & rimsulfuron 1:1	16.7 + 16.7SG	6.25 oz	1.5 oz	2 oz	2.7 oz	9.40	12.50	16.90
Liberty 280 ¹⁰	BASF	-		glufosinate-NH ₄ salt	2.34SL	73.00 gal	29 fl oz	32 fl oz	43 fl oz	16.50	18.30	24.50
Linex ⁷	TKI	-		linuron	4L	83.25 gal	8 fl oz	12 fl oz	16 fl oz	5.20	7.80	10.40
Lorox ⁷	TKI	-		linuron	50DF	25.75 lb	1 lb	2 lb	3 lb	25.00	50.00	75.00
Lumax EZ ^{5,27,15}	Syngenta	-		atrazine & mesotrione & S-metol	0.94 + 0.25 + 2.5SE	68.50 gal	3 pt	4 pt	5 pt	25.70	34.30	42.80
Mad Dog/Plus ⁹	Loveland	Roundup		glyphosate-ipa salt	3SL	17.75 gal	2 pt	3 pt	4 pt	4.40	6.70	8.90
Maestro 2EC ⁶	Nufarm	Buctril		bromoxynil-ester	2EC	43.00 gal	1 pt	1.5 pt	2 pt	5.40	8.10	10.80
Maestro 4EC ⁶	Nufarm	Buctril		bromoxynil-ester	4EC	86.75 gal	0.5 pt	0.75 pt	1 pt	5.40	8.10	10.80
Maestro Adv. ^{6,4}	Nufarm	Bron. Adv.		bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	52.25 gal	0.8 pt	1.2 pt	1.6 pt	5.20	7.80	10.50
Maestro D ^{6,4}	Nufarm	-		bromoxynil-ester & 2,4-D-ester	2 + 1.9EC	42.75 gal	0.75 pt	1.33 pt	2 pt	4.00	7.10	10.70
Maestro MA ^{6,4}	Nufarm	Bronate		bromoxynil-ester & MCPA-ester	2 + 2EC	48.50 gal	1 pt	1.5 pt	2 pt	6.10	9.10	12.10
Makaze ⁹	Loveland	Roundup		glyphosate-ipa salt	3SL	22.75 gal	2 pt	3 pt	4 pt	5.70	8.50	11.40
Makaze Yield Pro ⁹	LvInd	-		glyphosate-ipa salt+IBA+cytokinin	3+0.005+0.0009SL	34.50 gal	2 pt	3 pt	4 pt	8.60	12.90	17.30
Marvel ^{14,14}	FMC	-		fomesafen & fluthiacet	2.88 + 0.12SC	218.00 gal	5 fl oz	6 fl oz	7 fl oz	8.50	10.20	11.90
Matador ^{15,5,2}	Loveland	-		metochlr & metrib & imazethapyr	4 + 0.56 + 0.13SL	52.75 gal	2 pt	3 pt	4 pt	13.20	19.80	26.40
Matador S ^{15,5,2}	Loveland	-		metochlr & metrib & imazethapyr	3.38 + 0.75 + 0.17SL	86.75 gal	1.9 pt	-	2.4 pt	20.60	-	26.00
Matrix ²	Dupont	-		rimsulfuron	25DF	18.25 oz	1 oz	-	1.5 oz	18.50	-	27.80
Mauler ⁵	Valent	Sencor		metribuzin	4F	132.00 gal	6 fl oz	9 fl oz	12 fl oz	6.20	9.30	12.40
MCPA amine ⁴	Several	-		MCPA-amine	4SL	43.50 gal	0.4 pt	1 pt	2 pt	2.20	5.40	10.90
MCPA ester ⁴	Several	-		MCPA-ester	4EC	29.25 gal	0.5 pt	1 pt	2 pt	1.80	3.70	7.30
Mes-O-sate ^{27,9,15}	Drexel	Halex GT		mesotrione & glyt-K & S-meto	4.39 SC (1:10:10)	40.00 gal	3.6 pt	-	4 pt	18.00	-	20.00
MesoTryOne ²⁷	Drexel	Callisto		mesotrione	4SE	160.00 gal	2 fl oz	2.5 fl oz	3 fl oz	2.50	3.15	3.75
Me-Too-Lachlor ¹⁵	Drexel	Dual Mag.		metolachlor	8EC	40.00 gal	1.33 pt	1.67 pt	2 pt	6.65	8.35	10.00
Me-Too-Lachlor II ¹⁵	Drxl	Dual II M		metolachlor & benoxacor safen	7.8EC	40.00 gal	1.33 pt	1.67 pt	2 pt	6.65	8.35	10.00
Method ⁴	Bayer	-		aminocyclopyrachlor-K	2SL	4.75 oz	4 fl oz	8 fl oz	12 fl oz	19.00	38.00	57.00
Metribuzin ⁵	Adama	Sencor		metribuzin	75DF	22.00 lb	0.25 lb	0.33 lb	0.5 lb	5.50	7.30	11.00
Milestone / VM ⁴	Corteva	-		aminopyralid-3ipNH ₄ salt	2SL	400.00 gal	3 fl oz	5 fl oz	7 fl oz	9.40	15.65	21.90
Moxy ⁶	Winfield	Buctril		bromoxynil-ester	2EC	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.10	17.50

Product ^{Site of action-pg 100-101}	Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
NextStep NG ¹	Arysta	Discover	clodinafop & oil adjuvant	0.5EC	151.00 gal	12.8 fl oz	14.5 fl oz	16 fl oz	15.10	17.10	18.90
Nimble ^{2,2}	FMC	Harm Extr	thifensulfuron & tribenuron 2:1	50 + 25DF	6.50 oz	0.15 oz	0.3 oz	0.6 oz	1.00	2.00	4.00
Nortron SC ¹⁶	Bayer	-	ethofumesate	4EC	92.00 gal	6 pt	7 pt	7.5 pt	69.00	80.50	86.30
Olympus ²	Bayer	-	propoxycarbazon-Na salt	70WDG	15.00 oz	0.4 oz	0.5 oz	0.6 oz	6.00	7.50	9.00
OpenSky ^{2,4}	Corteva	-	pyroxsulam&fluroxypyr	0.107+0.95SE	150.00 gal	1 pt	-	1.25 pt	18.75	-	23.40
Orion ^{2,4}	Syngenta	-	florasulam & MCPA-ehe	0.033 + 2.34EC	348.00 case	17 fl oz - 40 A/case			8.70		
Osprey ²	Bayer	Silverado	mesosulfuron-methyl	4.5WDG	3.25 oz	3.2 oz	4 oz	4.75 oz	10.40	13.00	15.40
Oust XP ²	Bayer	-	sulfometuron-methyl	75XP	7.00 oz	2 oz	6 oz	8 oz	10.00	30.00	40.00
Oust Extra ^{2,2}	Bayer	-	sulfometuron & metsulfuron	56.25 + 15DF	6.00 oz	3 oz	4 oz	5 oz	18.00	24.00	30.00
Outflank ¹⁴	Adama	Valor	flumioxazin	51WDG	6.00 oz	1.5 oz	2 oz	3 oz	9.00	12.00	18.00
Outlaw ^{4,4}	Helena	Weedmstr	2,4-D-ehe & dicamba-acid	1.45 + 1.09SL	55.00 gal	1.5 pt	1.75 pt	2.75 pt	10.30	12.00	18.90
Outlook ¹⁵	BASF	-	dimethenamid-P	6EC	143.00 gal	10 fl oz	14 fl oz	18 fl oz	11.20	15.60	20.10
Outrider ²	Valent	Maverick	sulfosulfuron	75DF	15.70 oz	0.33 oz	0.50 oz	0.67 oz	5.20	7.85	10.50
Overdrive ^{4,19}	BASF	Distinct	dicamba-Na & diflufenzopyr-Na	50 + 20WDG	2.80 oz	4 oz	6 oz	8 oz	11.20	16.80	22.40
Palace ^{15,27}	Tenkoz	Zemax	S-metolachlor & mesotrione	3.34 + 0.33SC	52.50 gal	1.6 qt	2 qt	2.4 qt	21.00	26.30	31.50
Panoflex ^{2,2}	Dupont	-	thifensulfuron & tribenuron 1:4	10 + 40SG	11.00 oz	0.3 oz	0.45 oz	0.6 oz	3.30	5.00	6.60
Panther SC ¹⁴	Nufarm	Valor	flumioxazin	4SC	476.00 gal	1.5 fl oz	2 fl oz	3 fl oz	5.60	7.40	11.20
Panther Pro ^{2,5,14}	Nufarm	-	flumioxazin&metri&imazethapyr	0.67 + 3 + 0.56SC	196.00 gal	12 fl oz	-	12 fl oz	18.4	-	18.4
Parallel ¹⁵	Adama	Dual II	metolachlor & safener	7.8EC	41.00 gal	1.33 pt	1.67 pt	2 pt	6.80	8.60	10.30
Parallel PCS ¹⁵	Adama	Dual	metolachlor	8EC	38.25 gal	1.33 pt	1.67 pt	2 pt	6.40	8.00	9.60
Paraquat ²²	Willowood	Gramoxon	paraquat-dichloride	3SL	28.75 gal	0.67 pt	1 pt	1.33 pt	2.40	3.60	4.80
Parazone ²²	AMVAC	Gramoxon	paraquat-dichloride	3SL	32.25 gal	0.67 pt	1 pt	1.33 pt	2.70	4.00	5.40
Parity ¹	Tenkoz	Puma	fenoxaprop-P ethyl	1EC	167.00 gal	0.33 pt	0.4 pt	0.67 pt	6.90	8.40	14.00
Pathfinder II ⁴	Corteva	Garlon	triclopyr-acid/bee	0.75EC	43.50 gal	2.7 gal	8 gal	10.7 gal	118	348	466
Patriot ²	Nufarm	Escort	metsulfuron-methyl	60DF	5.75 oz	0.33 oz	1 oz	2 oz	1.90	5.80	11.50
Peak ²	Syngenta	-	prosulfuron	57DF	16.50 oz	0.25 oz	0.38 oz	0.5 oz	4.10	6.30	8.30
PerfectMatch ^{2,4,4}	Corteva	-	pyroxsulam & clopyr & fluroxypyr	1.66SE	160.00 gal	1 pt	-	1 pt	20.00	-	20.00
Permit ²	Gowan	Halomax	halosulfuron-methyl	75DF	22.25 oz	0.67 oz	1 oz	1.33 oz	14.90	22.30	29.60
Perspective ^{4,2}	Bayer	-	aminocyclopyrachlor+chlorsulf	39.5 + 15.8DF	10.75 oz	3 oz	4.75 oz	8 oz	32.30	51.10	86.00
Phoenix ¹⁴	Valent	-	lactofen & adjuvants	2EC	215.00 gal	8 fl oz	10 fl oz	12.5 fl oz	13.45	16.80	21.00
Pin-Dee ³	Drexel	Prowl EC	pendimethalin	3.3EC	35.00 gal	2.4pt	3 pt	3.6 pt	10.50	13.15	15.75
Plateau ²	BASF	-	imazapic-NH ₄ salt	2SL	150.00 gal	4 fl oz	8 fl oz	12 fl oz	4.70	9.40	14.10
Plotter ²	Rotam	Ally	metsulfuron-methyl (cropland)	60DF	5.75 oz	0.05 oz	0.1 oz	0.3 oz	0.25	0.50	1.50
Poast ¹	BASF	-	sethoxydim	1.5EC	99.25 gal	0.5 pt	1 pt	1.5 pt	6.20	12.40	18.60
Portfolio4F ¹⁴	Wilbur-Ellis	Spartan	sulfentrazone	4L	555.00 gal	3 fl oz	4.5 fl oz	6 fl oz	13.00	19.50	26.00
PowerFlex HL ²	Corteva	-	pyroxsulam+cloquintocet safener	13.1WDG	6.50 oz	2 oz	-	2 oz	13.00	-	13.00
Pramitol EC	Severl	-	prometon	25EC	46.50 gal	5 gal	7.5 gal	10 gal	233	349	465
Pramitol 5S	Severl	-	prometon	5PS	3.50 lb	150 lb	200 lb	400 lb	525	700	1400
Prefix ^{15,14}	Syngenta	-	S-metolachlor & fomesafen	4.34 + 0.95EC	52.50 gal	1 pt	1.5 pt	2 pt	6.60	9.80	13.10
Pre-Pare ²	Arysta	Everest	flucarbazone-Na salt	70WDG	32.75 oz	0.3 oz	-	0.3 oz	9.80	-	9.80
Prequel ^{2,27}	Dupont	-	rimsulfuron & isoxaflutole	15 + 30SG	8.00 oz	1.66 oz	2 oz	2.5 oz	13.30	16.00	20.00
Presidual ^{5,5}	Winfield	Boundary	S-metolachlor & metribuzin	5.25 + 1.25L	88.00 gal	1.2 pt	1.6 pt	2.45 pt	13.20	17.60	26.40
Primero ²	Rotam	Accent	nicosulfuron	75DF	10.00 oz	0.33 oz	0.5 oz	0.67 oz	3.30	5.00	6.70
Princep 4L ⁵	Syngenta	-	simazine	4L	24.25 gal	2 qt	3 qt	4 qt	12.10	18.20	24.30
Princep Caliber 90 ⁵	"	-	simazine	90DF	5.00 lb	1.8 lb	3 lb	4.4 lb	9.00	15.00	22.00
Prowl H2O ³	BASF	-	pendimethalin	3.8ACS	50.50 gal	2.1 pt	2.6 pt	3 pt	13.30	16.40	18.90
Pruvin ²	MANA	Resolve	rimsulfuron	25SG	8.75 oz	0.75 oz	-	1 oz	6.60	-	8.80
Purestand ²	Nufarm	Ally	metsulfuron-methyl	60DF	5.75 oz	0.05 oz	0.1 oz	0.3 oz	0.30	0.60	1.80
Pursuit ²	BASF	-	imazethapyr-NH ₄ salt	2AS	516.00 gal	2 fl oz	2.5 fl oz	3 fl oz	8.10	10.10	12.10
Python ²	Corteva	-	flumetsulam	80WDG	15.50 oz	0.8 oz	1 oz	1.33 oz	12.40	15.50	20.60
Quelex ^{4,2}	Corteva	-	halauxifen & florasulam	0.1 + 0.1WDG	133.50 lb	0.75 oz	-	0.75 oz	6.30	-	6.30
Quik-Quat ²²	Drexel	Paraquat	paraquat-dichloride	3SL	35.00 gal	0.67 pt	1 pt	1.33 pt	3.00	4.75	5.80
Range Star ^{4,4}	Albaugh	Weedmstr	2,4-D-dea & dicamba-dea salt	2.87 + 1SL	29.75 gal	1 pt	2 pt	4 pt	3.70	7.40	14.90
Rapport BrdSpec ^{2,2}	Nufarm	Affinity BS	thifensulfuron & tribenuron 1:1	25 + 25DF	7.00 oz	0.4 oz	0.6 oz	1 oz	2.80	4.20	7.00
Rapport TankMix ^{2,2}	Nufarm	Affinity TM	thifensulfuron & tribenuron 4:1	40 + 10DF	6.25 oz	0.6 oz	0.75 oz	1 oz	3.80	4.70	6.30
Raptor ²	BASF	-	imazamox-NH ₄ salt	1SL	542.00 gal	3 fl oz	4 fl oz	5 fl oz	12.70	16.90	21.20
Realm Q ^{2,27}	Dupont	Instigate	rimsulfuron & meso. & isoxadifen	7.5+31.25SG	5.25 oz	4 oz	-	4 oz	21.00	-	21.00
Reflex ¹⁴	Syngenta	-	fomesafen-Na salt	2EC	83.00 gal	0.5 pt	0.75 pt	1 pt	5.20	7.80	10.40
Reglone ²²	Syngenta	-	diquat-dibromide salt	2SL	75.50 gal	1 pt	1.5 pt	2 pt	9.40	14.20	18.90
Relegate ⁴	Nufarm	Remedy	triclopyr-ester	4EC	55.00 gal	1 qt	1.5 qt	2 qt	13.75	20.63	27.50
Rely 280 ¹⁰	BASF	Liberty	glufosinate-NH ₄ salt	2.34SL	74.25 gal	48 fl oz	56 fl oz	82 fl oz	27.80	32.50	47.60
Remedy Ultra ⁴	Corteva	-	triclopyr-ester	4EC	71.00 gal	1 qt	1.5 qt	2 qt	17.80	26.60	35.50

Product	Site of action-pg 100-101		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Resicore ^{4,15,27}	Corteva	-	-	clopyralid & acetochlor & meso	0.19 + 2.8 + 0.3SC	69.00 gal	2.25 qt	2.5 qt	3 qt	38.80	43.10	51.80
Resolve Q ^{2,2}	Dupont	Alluvex	-	rimsulfuron & thifen & isoxadifen	18.4 + 4SG	8.50 oz	1 oz	-	1.25 oz	8.50	-	10.60
Resource ¹⁴	Valent	-	-	flumiclorac-ester	0.86SL	230.00 gal	2 fl oz	4 fl oz	6 oz	3.60	7.20	10.80
Revulin Q ^{2,27}	Dupont	-	-	nicosulfuron & meso. & isoxadifen	14.4 + 36.8SG	5.25 oz	3.4 oz	3.7 oz	4 oz	17.90	19.40	21.00
Rifle ⁴	Loveland	Banvel	-	dicamba-dma salt	4SL	69.00 gal	4 fl oz	8 fl oz	16 fl oz	2.20	4.30	8.60
Rifle D ^{4,4}	Loveland	Weedmstr	-	2,4-D-dea & dicamba-dea salt	2.87 + 1SL	32.00 gal	0.5 pt	2 pt	4 pt	2.00	8.00	16.00
Rimfire Max ^{2,2}	Bayer	-	-	propoxy-Na & meso & mefenpyr	4.76 + 1.91WDG	4.00 oz	3 oz	-	3 oz	12.00	-	12.00
Ringside ¹⁴	Tenkoz	Reflex	-	fomesafen-Na salt	2EC	60.00 gal	0.5 pt	0.75 pt	1 pt	3.75	5.60	7.50
Rodeo ⁹	Corteva	-	-	glyphosate-ipa salt	4SL	30.00 gal	24 fl oz	36 fl oz	48 fl oz	5.65	8.45	11.25
Ro-Neet SB ⁸	Helm	-	-	cycloate	6EC	173.00 gal	4 pt	4.5 pt	5.33 pt	86.50	97.30	115.30
RT 3 ⁹	Bayer	Roundup	-	glyphosate-K salt	4.5SL	22.50 gal	22 fl oz	32 fl oz	44 fl oz	3.90	5.60	7.70
RU PowerMax ⁹	Bayer	Roundup	-	glyphosate-K salt	4.5SL	25.25 gal	22 fl oz	32 fl oz	44 fl oz	4.30	6.30	8.70
RU WeatherMax ⁹	"	Roundup	-	glyphosate-K salt	4.5SL	29.00 gal	22 fl oz	32 fl oz	44 fl oz	5.00	7.30	10.0
RU Xtend ⁹	Bayer	-	-	glyphosate-mea + dicamba-dga	2 + 1SL	- gal	64 fl oz	-	64 fl oz	-	-	-
Rugged ⁴	Winfield	2,4-D acid	-	2,4-D-acid	3.49EC	40.00 gal	0.67 pt	1.33 pt	2.5 pt	3.35	6.70	12.50
Rumble ¹⁴	Adama	Flexstar	-	fomesafen-Na salt & adjuvants	1.88EC	65.00 gal	0.5 pt	0.75 pt	1 pt	4.10	6.10	8.15
Saber ⁴	Loveland	2,4-D a	-	2,4-D-dma salt	3.8SL	27.25 gal	0.5 pt	1 pt	2 pt	1.70	3.40	6.80
Salvo ⁴	Loveland	2,4-D e	-	2,4-D-ester	5EC	66.50 gal	6.4 fl oz	9.6 fl oz	12.8 fl oz	3.30	5.00	6.70
Sandea ²	Gowan	Permit	-	halosulfuron-methyl	75DF	41.00 oz	0.67 oz	1 oz	1.33 oz	27.50	41.00	54.50
Scorch ^{4,4,4}	Nufarm	-	-	2,4-D & fluroxypyr & dicamba	3 + 0.75 + 1EC	49.25 gal	1 pt	2 pt	4 pt	6.20	12.30	24.60
Section ¹	Winfield	Select	-	clethodim	2EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.65	7.50
Section Three ¹	Winfield	Shadow	-	clethodim	3EC	115.00 gal	2.66 fl oz	5.33 fl oz	10.66 fl oz	2.40	4.80	9.60
Select Max ¹	Valent	-	-	clethodim	1EC	96.00 gal	8 fl oz	12 fl oz	16 fl oz	6.00	9.00	12.00
Sentrallas ^{2,4}	FMC	-	-	thifensulfuron & fluroxypyr	0.25 & 1.3OD	138.50 gal	7 fl oz	9 fl oz	14 fl oz	7.60	9.70	15.10
Sequence ^{9,15}	Syngenta	-	-	glyphosate-K salt & S-metolachlor	2.25 + 3SC	45.50 gal	1.5 pt	2.5 pt	3 pt	8.50	14.20	17.20
Shadow ¹	Arysta	Select	-	clethodim	3EC	98.00 gal	2.66 fl oz	5.33 fl oz	10.66 fl oz	2.05	4.10	8.20
Sharpen ¹⁴	BASF	-	-	saflufenacil	2.85SC	835.00 gal	1 fl oz	2 fl oz	3 fl oz	6.50	13.00	19.60
Showdown ⁹	Helena	Roundup	-	glyphosate-ipa & NH ₄ salt	2.7 + 0.3SL	20.00 gal	22 fl oz	32 fl oz	44 fl oz	3.45	5.00	6.90
Shredder E-99 ⁴	Winfield	-	-	2,4-D-beester	6.1EC	38.00 gal	0.33 pt	0.67 pt	1.33 pt	1.60	3.20	6.35
Sierra ²	Syngenta	Everest	-	flucarbazone-Na salt & safener	3.5SC	15.00 fl oz	0.5 fl oz	0.75 fl oz	1 fl oz	7.50	11.30	15.00
Simazine L ⁵	Several	Princep	-	simazine	4L	19.50 gal	2 qt	3 qt	4 qt	9.80	14.60	19.40
Simazine DF ⁵	Several	Princep	-	simazine	90DF	4.00 lb	1.8 lb	3 lb	4.4 lb	7.20	12.00	17.60
Sinbar	TKI	-	-	terbacil	80WP	46.25 lb	0.5 lb	2 lb	4 lb	23.10	92.50	185.00
Sinister ¹⁴	Helena	Reflex	-	fomesafen-acid	2.87SL	132.25 gal	0.52 pt	-	0.52 pt	8.60	-	8.60
Smack Down ^{15,4,2}	Lvld	SureStart	-	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	56.75 gal	1.5 pt	2 pt	3 pt	10.60	14.20	21.30
Solida ²	FMC	Matrix	-	rimsulfuron	25DF	18.00 oz	1 oz	-	1.5 oz	18.00	-	27.60
Solstice ^{27,14}	FMC	-	-	mesotrione & fluthiacet	3.784 + 0.216SC	379.00 gal	2.5 fl oz	-	3 fl oz	7.40	-	8.90
Sonalan HFP ³	Gowan	-	-	ethalfuralin	3EC	50.25 gal	1.5 pt	3 pt	4.5 pt	9.40	18.80	28.30
Sonalan 10G ³	Gowan	-	-	ethalfuralin	10G	2.00 lb	6 lb	11.5 lb	17 lb	12.00	23.00	34.00
Sonic ^{2,14}	Corteva	Authrty 1st	-	cloransulam & sulfentrazone	7.9 + 62.1WDG	5.25 oz	4 oz	6 oz	8 oz	21.00	31.50	42.00
Spartan ¹⁴	FMC	-	-	sulfentrazone	4L	226.00 gal	3 fl oz	4.5 fl oz	6 fl oz	5.30	7.90	10.60
Spartan Charge ^{14,14}	FMC	-	-	carfentrazone & sulfentrazone	0.35 + 3.15SE	275.00 gal	3.75 fl oz	4.5 fl oz	5.75 fl oz	8.10	9.70	12.40
Spartan Elite ^{15,14}	FMC	BroadAxe	-	S-metolachlor & sulfentrazone	6.3 + 0.7EC	132.75 gal	20 fl oz	25 fl oz	32 fl oz	20.70	25.90	33.20
Spike ⁷	Corteva	-	-	tebuthiuron	80DF	21.00 lb	2.5 lb	3.75 lb	5 lb	52.50	78.80	105.00
SpitFire ^{4,4}	Nufarm	-	-	dicamba & 2,4-D	0.5 + 3.07SL	30.75 gal	1 pt	2 pt	4 pt	3.75	7.50	15.00
Spur ⁴	Albaugh	Stinger	-	clopyralid-monoea salt	3SL	185.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	1.90	3.80	5.80
Stalker ²	BASF	Arsenal	-	imazapyr-ipa salt	2SL	300.00 gal	48 fl oz	2 qt	3 qt	113	150	225
Starane Flex ^{2,4}	Corteva	-	-	florasulam & fluroxypyr	0.042 + 0.833EC	70.75 gal	13.5 fl oz	-	13.5 fl oz	7.50	-	7.50
Starane NXT ^{6,4}	Corteva	-	-	bromoxynil & fluroxypyr-ester	2.33 + 0.583EC	82.75 gal	14 fl oz	21 fl oz	27.4 fl oz	9.10	13.60	17.70
Starane Ultra ⁴	Corteva	-	-	fluroxypyr-ester	2.8EC	249.00 gal	0.25 pt	0.35 pt	0.54 pt	7.80	10.90	16.80
Status ^{4,19}	BASF	-	-	dic-Na&diflufenzpr-Na&isoxadifen	40 + 16WDG	4.25 oz	5 oz	7.5 oz	10 oz	21.30	31.90	42.50
Streamline ^{4,2}	Bayer	-	-	aminocyclopyrachlor + metsulf	39.5 + 12.6DF	7.00 oz	4.75 oz	7.5 oz	9.5 oz	33.00	53.00	67.00
Stealth ³	Loveland	Prowl	-	pendimethalin	3.3EC	39.25 gal	2.4 pt	3 pt	3.64 pt	11.80	14.70	17.90
Sterling Blue ⁴	Winfield	Clarity	-	dicamba-dga salt	4SL	65.00 gal	4 fl oz	8 fl oz	16 fl oz	2.00	4.00	6.00
Stinger ⁴	Corteva	Stinger	-	clopyralid-monoea salt	3SL	480.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	4.90	9.75	15.00
Storm ^{14,6}	UPI	-	-	acifluorifen & bentazon	1.33 + 2.67SL	82.00 gal	1 pt	1.5 pt	2 pt	10.30	15.40	20.50
Strut ⁴	Loveland	Clarity	-	dicamba-dga salt	4SL	72.00 gal	4 fl oz	8 fl oz	16 fl oz	2.30	4.50	9.00
Supremacy ^{4,2,2}	Arysta	-	-	fluroxypyr & thifen & tribenuron	25 + 4.5 + 1.5WDG	1.75 oz	4 oz	5 oz	6 oz	7.00	8.75	10.50
SureStart II ^{15,4,2}	Corteva	-	-	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	76.75 gal	1.5 pt	2 pt	3 pt	14.40	19.20	28.80
Surflan ³	UPI	-	-	oryzalin	4EC	44.50 gal	2 qt	3 qt	4 qt	22.30	33.40	44.50
Surpass NXT ¹⁵	Corteva	-	-	acetochlor & dichlormid safener	6.4EC	96.25 gal	1.5 pt	2 pt	2.25 pt	18.00	24.10	27.10
Surveil ^{14,2}	Corteva	Gangster	-	flumioxazin & cloransulm	36 + 12WDG	103.25 lb	2.1 oz	2.8 oz	4.2 oz	13.60	18.10	27.10

Product	Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
Sword ⁴	Loveland	-	MCPA ester	5.2EC	59.00 gal	3 fl oz	1 pt	2 pt	1.40	7.40	14.80
Tacoma ¹	Winfield	Puma	fenoxaprop-P ethyl	1EC	190.00 gal	0.33 pt	0.4 pt	0.67 pt	7.85	9.50	15.95
Tailwind ^{15,5}	Adama	Boundary	S-metolachlor & metribuzin	5.25 + 1.25L	75.00 gal	1.2 pt	1.6 pt	2.45 pt	11.25	15.00	23.00
Talino ^{6,27}	Syngenta	-	bromoxynil & bicyclopyrone	1.77EC	83.00 gal	13.7 fl oz	-	18.2 fl oz	8.90	-	11.80
Tapout ¹	Helena	Select	clethodim	1EC	100.00 gal	4 fl oz	6 fl oz	8 fl oz	3.10	4.70	6.20
Targa ¹	Gowan	Assure II	quizalofop-ethyl	0.88EC	108.50 gal	7 fl oz	8 fl oz	10 fl oz	5.90	6.80	8.50
Teammate ²	Corteva	-	pyroxsulam & safener	21.5WDG	268.00 lb	1 oz	-	1 oz	16.80	-	16.80
Thistrol ⁴	Nufarm	-	MCPB	2EC	52.75 gal	2 pt	4 pt	6 pt	13.20	26.40	39.60
Thunder ²	Albaugh	Pursuit	imazethapyr-NH4 salt	2AS	330.00 gal	2 fl oz	2.5 fl oz	3 fl oz	5.20	6.40	7.70
Thunder Master ^{2,9}	Albgh	Extreme	imazethapyr-acid & glyph-ipa salt	0.17 + 2SL	24.75 gal	1.5 pt	2.25 pt	3 pt	4.60	7.00	9.30
Top Gun ¹⁴	Loveland	Reflex	fomesafen-Na salt	2EC	67.25 gal	0.5 pt	0.75 pt	1 pt	4.20	6.30	8.40
Tordon 22K ⁴	Corteva	-	picloram-K salt	2SL	69.25 gal	1 pt	2 pt	4 pt	8.70	17.30	34.60
Torment ^{14,2}	Adama	-	fomesafen & imazethapyr	2 + 0.5	104.75 gal	0.75 pt	-	1 pt	9.80	-	13.10
Transline ⁴	Corteva	Stinger	clopyralid-monea salt	3SL	190.00 gal	0.67 pt	1 pt	1.33 pt	15.95	23.75	31.60
Travallas ^{2,2,4}	FMC	-	metsulfuron & thifen & fluroxypr	0.025&0.25&1.3OD	1.00 fl oz	10 fl oz	-	10 fl oz	10.00	-	10.00
Treaty ²	Nufarm	Harmony	thifensulfuron-methyl	75DF	8.00 oz	1/12 oz	0.3 oz	0.6 oz	0.70	2.40	4.80
Treaty Extra ^{2,2}	Nufarm	Harm. Extr	thifensulfuron & tribenuron	50 + 25DF	8.00 oz	0.15 oz	0.3 oz	0.6 oz	1.20	2.40	7.20
Treflan HFP ³	Gowan	-	trifluralin	4EC	23.25 gal	1 pt	2 pt	4 pt	2.90	5.80	11.60
Treflan TR-10 ³	Gowan	-	trifluralin	10G	1.25 lb	5 lb	10 lb	20 lb	6.30	12.50	25.00
TriCor ⁵	UPI	Sencor	metribuzin	4F	98.25 gal	6 fl oz	8 fl oz	16 fl oz	4.60	6.10	12.30
TriCor ⁵	UPI	Sencor	metribuzin	75DF	21.00 lb	0.25 lb	0.33 lb	0.67 lb	5.30	6.90	14.10
Trifluralin EC ³	Several	Treflan	trifluralin	4EC	25.50 gal	1 pt	2 pt	4 pt	3.20	6.40	12.80
Triflurex ³	Adama	Treflan	trifluralin	4EC	24.50 gal	1 pt	2 pt	4 pt	3.10	6.10	12.10
Trimec Classic ^{4,4,4}	PBI	-	2,4-D-amine & MCPP & dicamba	3.32EC	39.25 gal	3.25 pt	3.8 pt	4.33 pt	15.90	18.60	21.20
TripleFlex II ^{15,4,2}	Bayer	SureStart	aceto&clopyr&flumet&furilazole	3.75+0.38+0.12SC	68.75 gal	1.5 pt	2 pt	3 pt	13.10	17.40	26.20
Trisidual ^{15,4,2}	Winfield	SureStart	aceto&clopyr&flumet&furilazole	3.75+0.38+0.12SC	70.00 gal	1.5 pt	2 pt	3 pt	13.20	17.50	26.30
Triumph 22K ⁴	Albaugh	Tordon	picloram-K salt	2SL	61.00 gal	1 pt	2 pt	4 pt	7.60	15.30	30.50
Trooper 22 K ⁴	Nufarm	Tordon	picloram-K salt	2SL	60.00 gal	1 pt	2 pt	4 pt	7.50	15.00	30.00
Trooper Extra ^{4,4,4}	Nufarm	-	picloram-3ipa & 2,4-D-3ipa & dic	0.5 + 2 + 0.5S	39.00 gal	1 pt	2 pt	4 pt	4.90	9.75	19.50
Trooper P+D ^{4,4}	Nufarm	Grazon	picloram-3ipa & 2,4-D-3ipa salt	0.54 + 2 S	25.00 gal	2 qt	3 qt	4 qt	12.50	18.75	25.00
Trooper Pro ^{4,4}	Nufarm	Surmount	picloram-3ipa & fluroxypr-mhe	1 + 1S	56.00 gal	2 pt	3 pt	4 pt	14.00	21.00	28.00
Trump Card ^{4,4}	Helena	-	fluroxypr-ester & 2,4-D-acid	0.66 + 2.65EC	75.00 gal	1 pt	2 pt	3 pt	9.40	18.80	28.20
Truslate ^{4,4}	Nufarm	WideMatch	clopyralid-mea & fluroxypr-mhe	0.75 + 0.75EC	70.00 gal	0.75 pt	1 pt	1.33 pt	6.60	8.75	11.65
Truslate Pro ^{4,4,4}	Nufarm	-	clop-mea & flurox-mhe & MCPAe	0.5 + 0.64 + 1.75EC	53.25 gal	1 pt	1.5 pt	2 pt	6.70	10.00	13.30
Trust ³	Winfield	Treflan	trifluralin	4EC	32.00 gal	1 pt	2 pt	4 pt	4.00	8.00	12.00
Trycera ⁴	Helena	Garlon	triclopyr-acid	4EC	135.00 gal	1 qt	2 qt	4 qt	33.80	67.50	135.00
Tuscany SC ¹⁴	Nufarm	Valor	flumioxazin	4 SC	540.00 gal	2 fl oz	3 fl oz	4 fl oz	8.40	12.70	16.90
Ultra Blazer ¹⁴	UPI	-	acifluorfen-Na salt	2SL	76.00 gal	1 pt	1.5 pt	2 pt	9.50	14.30	19.00
Unison ⁴	Helena	Hardball	2,4-D-acid	1.74SL	40.00 gal	1 pt	1.75 pt	2.5 pt	5.00	8.75	12.50
UpBeet ²	FMC	-	triflulfuron-methyl	50DF	19.00 oz	0.25 oz	0.3 oz	0.5 oz	4.80	5.70	9.50
Valor EZ ¹⁴	Valent	-	flumioxazin	4SC	4.85 fl oz	2 fl oz	2.5 fl oz	3 fl oz	9.70	12.15	14.55
Valor SX ¹⁴	Valent	-	flumioxazin	51WDG	4.40 oz	2 oz	2.5 oz	3 oz	8.80	11.00	13.20
Vanquish ⁴	Nufarm	-	dicamba-dga salt	4SL	85.00 gal	4 fl oz	8 fl oz	16 fl oz	2.65	5.30	10.60
Varisto ^{6,2}	BASF	-	bentazon & imazamox	4 + 0.19SL	152.00 gal	16 fl oz	21 fl oz	27 fl oz	19.00	24.90	32.10
Varro ²	Bayer	-	thiencarbazone & mefenpyr	0.083OD	271.00 gal	6.85 fl oz	-	6.85 fl oz	14.50	-	14.50
Vaquero ¹	Wilbur-Ellis	Select	clethodim	2EC	107.00 gal	4 fl oz	6 fl oz	8 fl oz	3.35	5.05	6.70
Vastlan ⁴	Corteva	Garlon	triclopyr-choline	4SL	115.00 gal	1 qt	2 qt	4 qt	28.75	57.50	115.00
Velossa ⁵	Helena	Velpar	hexazinone	2L	130.00 gal	2 pt	4 pt	6 pt	32.50	65.00	100.00
Velpar ⁵	TKI	-	hexazinone	2L	90.00 gal	2 pt	4 pt	6 pt	22.50	45.00	67.50
Verdict ^{14,15}	BASF	-	saflufenacil & dimethenamid-P	0.57 + 5EC	228.00 gal	10 fl oz	13 fl oz	16 fl oz	17.80	23.20	28.50
Verdure X ²²	Helm	Reglone	diquat-dibromide salt	2SL	105.00 gal	1 pt	1.5 pt	2 pt	13.15	19.70	26.25
Victory ²	Nufarm	Express	tribenuron-methyl	75DF	9.25 oz	1/8 oz	1/6 oz	1/3 oz	1.20	1.50	3.10
Vida ¹⁴	Gowan	ET	pyraflufen-ethyl	0.208EC	3.75 fl oz	0.5 fl oz	2 fl oz	5.5 fl oz	1.90	7.50	20.60
Viewpoint ^{4,2,2}	Bayer	-	aminocycpyrchlr&imazapyr&met	22.8 + 31.6 + 7.3DF	5.00 oz	13 oz	16 oz	18 oz	65.00	80.00	90.00
Vise ^{15,14}	Adama	Prefix	S-metolachlor & fomesafen	4.34 + 0.95EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Vision ⁴	Helena	Banvel	dicamba-acid	3.8SL	94.00 gal	4 fl oz	8 fl oz	16 fl oz	3.00	6.00	9.00
Vista XRT ⁴	Corteva	Starane	fluroxypr-ester	2.8AE	170.00 gal	6 fl oz	12 fl oz	22 fl oz	8.00	16.00	30.00
Volley ¹⁵	Tenkoz	Surpass	acetochlor & dichlormid safener	6.4EC	76.75 gal	1.5 pt	2 pt	2.25 pt	14.40	19.20	21.60
Volta ²	Rotam	Harmony	thifensulfuron-methyl	75DF	7.50 oz	1/12 oz	0.3 oz	0.6 oz	0.60	2.30	4.50
Volta Extra ^{2,2}	Rotam	Harm. Extr	thifensulfuron & tribenuron	50 + 25DF	8.00 oz	0.15 oz	0.3 oz	0.6 oz	1.20	2.40	7.20
Volunteer ¹	Tenkoz	Select	clethodim	2EC	75.25 gal	4 fl oz	6 fl oz	8 fl oz	2.40	3.50	4.70
Voucher ^{4,4}	Helena	Strn+Swr	MCPA-acid & fluroxypr-ester	2.6 + 0.64SL	65.00 gal	1 pt	2 pt	3 pt	8.15	16.25	24.40

Product ^{Site of action-pg 100-101}	Brand Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
Warrant ¹⁵	Bayer	~Degree	acetochlor (microencapsulated)	3ME water based	32.00 gal	1.25 qt	1.5 qt	2 qt	10.00	12.00	16.00
Warrant Ultra ¹⁵	Bayer		acetochlor & fomesafen	2.83 + 0.64EC	47.50 gal	48 fl oz	-	48 fl oz	17.80	-	17.80
Weed Blast ^{5,7}	Loveland	-	bromacil & diuron	4 + 4G	7.00 lb	40 lb	50 lb	60 lb	280	350	420
Weedone 638 ^{4,4}	Nufarm	-	2,4-D-acid & 2,4-D-ester	2.8EC	24.25 gal	0.67 pt	2 pt	3 pt	2.00	6.10	9.10
Weedmaster ^{4,4}	Nufarm	-	2,4-D-dea & dicamba-dea	2.87 + 1SL	27.50 gal	0.5 pt	2 pt	4 pt	1.70	6.90	13.80
Weld ^{4,4,4}	Winfield	-	MCPAe & fluroxypyr & clopyralid	1.75 + 0.64 + 0.5EC	57.00 gal	1 pt	1.5 pt	2 pt	7.15	10.70	14.25
Whiteout ⁴	Loveland	-	2,4-D-ehe (solventless)	5.64EC	19.50 gal	0.33 pt	0.67 pt	1.33 pt	0.80	1.60	3.20
WideMatch ^{4,4}	Corteva	-	clopyralid-mea & fluroxypyr-mhe	0.75 + 0.75EC	71.75 gal	0.75 pt	1 pt	1.33 pt	6.70	9.00	11.90
Wildcard ⁴	Helena	-	MCPA-ester	4EC	45.00 gal	0.5 pt	1 pt	2 pt	2.80	5.60	11.30
Wildcard Xtra ^{6,4}	Helena	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	65.00 gal	0.75 pt	1 pt	1.5 pt	6.10	8.20	12.20
Wolverine Adv. ^{1,27,6}	Bay	-	fenox&pyrasulf&bromox&mefenpr	0.4 & 0.13 & 1.05EC	120.00 gal	1.7 pt		1.7 pt	25.50	-	25.50
XtendiMax ⁴	Bayer	Clarity	dicamba-dga salt + VaporGrip	2.9SL	70.00 gal	22 fl oz	33 fl oz	44 fl oz	12.00	18.00	24.00
Yukon ^{4,2}	Gowan	-	dicamba-Na & halosulfuron-CH3	55 + 12.5 WDG	3.75 oz	4 oz	6 oz	8 oz	15.00	22.50	30.00
Zidua ¹⁵	BASF	-	pyroxasulfone	85WDG	9.50 oz	3 oz	4 oz	5 oz	28.50	38.00	47.50
Zidua SC ¹⁵	BASF	-	pyroxasulfone	4.17SC	829.00 gal	1.75 oz	4 oz	6.5 oz	11.30	25.90	42.10
Zidua Pro ^{2,14,15}	BASF	-	pyrox&saflufenacil&imazethapyr	2.28+0.48+1.33SC	519.00 gal	4.5 fl oz	-	4.5 fl oz	18.20	-	18.20
2,4-D Products ⁴		-	2,4-D								
2,4-D amine ⁴				3.8SL	15.50 gal	0.5 pt	2 pt	4 pt	1.00	3.90	7.80
2,4-D ester ⁴				3.8EC	35.00 gal	0.4 pt	2 pt	4 pt	1.75	8.75	17.50
LV ester ⁴				5.7EC	40.00 gal	0.33 pt	2 pt	4 pt	1.65	10.00	20.00