

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	Company	Brand equiv.	Active Ingredients	Formulation	\$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
Aatrex 4L ⁵	Syngenta	-	atrazine	4F	24.00 gal	0.75 pt	1.5 pt	2 pt	2.25	4.50	6.00
Aatrex Nine-O ⁵	"	-	atrazine	90DF	5.35 lb	0.42 lb	0.56 lb	0.83 lb	2.25	4.50	6.00
Abundit Edge ⁹	Dupont	RU PM	glyphosate-k salt	4.5SL	25.00 gal	22 fl oz	32 fl oz	44 fl oz	4.30	6.25	8.60
Accent Q ²	Dupont	Accent	nicosulfuron + isoxadifen safener	54.5DF	34.00 oz	0.67 oz	1.25 oz	1.8 oz	22.80	42.50	61.20
Accurate ²	Cheminova	Ally	metsulfuron-methyl	60DF	5.00 oz	0.05 oz	0.1 oz	0.3 oz	0.25	0.50	1.50
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	Tenkoz	Prowl	pendimethalin	3.3EC	35.00 gal	2.4 pt	3 pt	3.64 pt	10.50	13.15	15.95
Acuron ^{5,15,27,27}	Syngenta	-	atra&meto&meso&bicyclo&benox	2.14+1+0.24+.06ZC	72.00 gal	1.5 qt	2.25 qt	3 qt	27.00	40.50	54.00
Acuron Flexi ^{15,27,27}	Syng	-	meto & meso & bicyclo & benox	2.86+0.32+.08ZC	92.00 gal	2 qt	-	2.25 qt	46.00	-	52.00
Affinity BroadSpec ^{2,2}	Dpt	-	thifensulfuron & tribenuron 1:1	25 + 25SG	13.00 oz	0.4 oz	0.6 oz	1 oz	5.20	7.80	13.00
Affinity TankMix ^{2,2}	Dupnt	-	thifensulfuron & tribenuron 4:1	40 + 10SG	10.00 oz	0.6 oz	0.75 oz	1 oz	6.00	7.50	10.00
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
Agility ^{4,2,2,2}	Dupont	-	dicamba&thifen&triben&metsulf	57.8+4.7+2.4+1.9SG	3.00 oz	1.6 oz	2.4 oz	3.2 oz	4.80	7.20	9.60
Aim EC ¹⁴	FMC	-	carfentrazone-ethyl	2EC	200.00 qt	1/2 fl oz	-	1 fl oz	3.15	-	6.25
Alion ²⁹	Bayer	-	indaziflam	1.67EC	14.00 fl oz	5 fl oz	5.75 fl oz	6.5 fl oz	70.00	80.50	91.00
Alluvex ^{2,2}	Dupont	-	thifensulfuron & rimsulfuron 1:1	16.7 + 16.7SG	6.50 oz	1.5 oz	-	1.5 oz	9.00	-	9.00
Ally ²	Dupont	-	metsulfuron-methyl	60XP	16.00 oz	0.05 oz	0.1 oz	0.3 oz	0.80	1.60	4.80
Ally Extra SG ^{2,2,2}	Dupont	-	thifensulfurn&tribenrn&metsulfurn	27.3+13.6 +10.9SG	10.00 oz	0.3 oz	-	0.5 oz	3.00	-	6.00
Amber ²	Syngenta	-	triasulfuron	75DF	11.00 oz	0.14 oz	0.28 oz	0.56 oz	1.55	3.10	6.15
Anthem ^{14,15}	FMC	-	fluthiacet & pyroxasulfone	0.0632 + 2.09SC	3.00 fl oz	5 fl oz	9 fl oz	13 fl oz	15.00	27.00	39.00
Anthem ATZ ^{5,14,15}	FMC	-	atra & fluthiacet & pyroxasulfone	4+0.014+0.485SC	105.00 gal	1.75 pt	2.75 pt	3.75 pt	23.00	36.10	49.25
Anthem Flex ^{14,15}	FMC	-	carfentrazone & pyroxasulfone	0.267 + 3.733SC	630.00 gal	2 fl oz	4 fl oz	4.5 fl oz	9.80	20.00	22.45
Anthem Maxx ^{14,15}	FMC	-	fluthiacet & pyroxasulfone	0.126 + 4.174SC	733.00 gal	2.5 fl oz	4.5 fl oz	6.5 fl oz	14.30	26.00	37.30
Armezon ²⁷	BASF	Impact	topramezone	2.8SC	21.00 fl oz	0.33 fl oz	0.5 fl oz	0.75 fl oz	7.00	10.50	15.75
Armezon Pro ^{15,27}	BASF	-	topramezone & dimethenamid	0.1 + 5.25SC	160.00 gal	16 fl oz	20 fl oz	24 fl oz	20.00	25.00	30.00
Arrow ¹	MANA	Select	clethodim	2EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.60	7.50
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	125.00 gal	4 fl oz	8 fl oz	10 fl oz	3.90	7.80	9.80
Atra-5 ⁵	Drexel	-	atrazine	5F	18.00 gal	0.75 pt	1.5 pt	2 pt	1.70	3.40	4.50
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	1.45	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	3.00 fl oz	6 fl oz	7.5 fl oz	9 fl oz	18.00	22.50	27.00
Authority Elite ^{15,14}	FMC	BroadAxe	S-metolachlor & sulfentrazone	6.3 + 0.7EC	140.00 gal	20 fl oz	25 fl oz	32 fl oz	21.90	27.35	35.00
Authority First ^{2,14}	FMC	Sonic	cloransulam & sulfentrazone	7.9 + 62.1WDG	5.70 oz	4 oz	6 oz	8 oz	22.00	33.00	44.00
Authority MTZ ^{5,14}	FMC	-	metribuzin & sulfentrazone	27 + 18WDG	28.00 lb	8 oz	12 oz	15 oz	14.00	21.00	26.25
Autumn Super ^{2,2}	Bayer	-	iodosulfuron & thien carbazole	6 + 45WDG	28.00 oz	0.5 oz	-	0.5 oz	14.00	-	14.00
Avadex MA ⁸	Gowan	Far-Go	triallate	10G	1.75 lb	10 lb	12.5 lb	15 lb	17.50	21.90	26.30
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	155.00 gal	16.4 fl oz	-	16.4 fl oz	19.90	-	19.90
Axial XL ¹	Syngenta	-	pinoxaden&cloquintocet safener	0.42EC	155.00 gal	16.4 fl oz	-	16.4 fl oz	19.30	-	19.30
Balance Flexx ²⁷	Bayer	-	isox & cyprosulfamide safener	2L	7.00 fl oz	3 fl oz	4.5 floz	6 fl oz	21.00	31.50	42.00
Banvel ⁴	Arysta	-	dicamba-dma salt	4SL	90.00 gal	4 fl oz	8 fl oz	16 fl oz	2.80	5.65	11.25
Barbarian Max ⁹	WCI	Roundup	glyphosate-ipa + K salt	4.5SL	21.50 gal	22 fl oz	32 fl oz	44 fl oz	3.70	5.40	7.40
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	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.15	17.50
Basagran 5L ⁶	BASF	Basgran	bentazon-Na salt	5SL	80.00 gal	0.8 pt	1.2 pt	1.6 pt	8.00	12.00	16.00
Basis Blend ^{2,2}	Dupont	Resolve Q	rimsulfuron & thifen & isoxadifen	20 + 10SG	8.00 oz	1.25 oz	-	1.5 oz	10.00	-	12.00
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	80.00 gal	1 pt	1.5 pt	2 pt	10.00	15.00	20.00
Bestow ²	Cheminova	Matrix	rimsulfuron	25DF	18.00 oz	1 oz	1.5 oz	2 oz	18.00	27.00	36.00
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	550.00 gal	2 fl oz	3 fl oz	4 fl oz	8.60	12.90	17.20
Bicep II Magnum ^{5,15}	Syng	-	atrazine & S-metolachlor	3.1 + 2.4L	48.00 gal	2.1 qt	2.35 qt	2.6 qt	25.20	28.20	31.20
Bicep Lite II Magnum ^{5,15}	"	-	atrazine & S-metolachlor	2.67 + 3.23L	65.00 gal	1.5 qt	1.9 qt	2.2 qt	24.40	30.90	35.75
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	Tenkoz	Spartan	sulfentrazone	4L	300.00 gal	3 fl oz	4.5 fl oz	6 fl oz	7.05	10.55	14.10
Boundary ^{15,5}	Syngenta	-	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

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
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	Tenkoz	Dual Mag		S-metolachlor	7.62EC	112.00 gal	1.33 pt	1.67 pt	2 pt	18.65	23.40	28.00
Brawl II ¹⁵	Tenkoz	Dual II M		S-metolachlor & benoxacor safen	7.64EC	117.00 gal	1.33 pt	1.67 pt	2 pt	19.45	24.45	29.25
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	40.00 gal	1.5 qt	1.8 qt	2.1 qt	15.00	18.00	21.00
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	150.00 gal	20 fl oz	25 fl oz	32 fl oz	23.45	29.30	37.50
Broclean ⁶	Loveland	Buctril		bromoxynil-ester	2EC	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.20	17.50
Bromac ^{6,4}	Loveland	Bronate		bromoxynil-ester & MCPA-ester	2 + 2EC	40.00 gal	1 pt	1.5 pt	2 pt	5.00	7.50	10.00
Bromac Advanced ^{6,4}	Lvld	Bron. Adv.		bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	55.00 gal	0.8 pt	1.2 pt	1.6 pt	5.50	8.25	11.00
Bromox MCPA ^{6,4}	Lvld	Bronate		bromoxynil-ester & MCPA-ester	2 + 2EC	45.00 gal	1 pt	1.5 pt	2 pt	5.65	8.45	11.25
Brox ⁶	Albaugh	Buctril		bromoxynil-ester	2EC	62.00 gal	1 pt	1.5 pt	2 pt	7.75	11.65	15.50
Brox M ^{6,4}	Albaugh	Bronate		bromoxynil-ester & MCPA-ester	2 + 2EC	50.00 gal	1 pt	1.5 pt	2 pt	6.25	9.40	12.50
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	40.00 gal	2 pt	3 pt	4 pt	10.00	15.00	20.00
Cadet ¹⁴	FMC	-		fluthiacet-methyl	0.91SL	400.00 qt	0.4 fl oz	0.65 fl oz	0.9 fl oz	5.00	8.15	11.25
Callisto ²⁷	Syngenta	-		mesotrione	4SE	760.00 gal	2 fl oz	2.5 fl oz	3 fl oz	11.90	14.85	17.80
Callisto GT ^{9,27}	Syngenta	-		mesotrione & glyphosate	0.38 + 3.8SE	100.00 gal	2 pt	-	2 pt	25.00	-	25.00
Callisto Xtra ^{27,5}	Syngenta	-		mesotrione & atrazine	0.5 + 3.2SC	100.00 gal	15 fl oz	22 fl oz	24 fl oz	11.70	17.20	18.75
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
Canter R+P ²	Wilbur Ellis	Olympus		propoxycarbazone-Na salt	70WDG	15.00 oz	0.4 oz	0.5 oz	0.6 oz	5.20	6.50	7.80
Capreno ^{27,2}	Bayer	-		tembo & thiencazabone & isox	2.88 + 0.57SC	7.00 fl oz	3 fl oz	-	3 fl oz	21.00	-	21.00
Capstone ^{4,4}	Dow	-		aminopyralid-3ipNH ₄ & triclopyr	0.1 + 1SL	45.00 gal	4 pt	5 pt	6 pt	22.50	28.15	33.75
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	3.00 lb	100 lb	150 lb	200 lb	300	400	600
Casoron 10G	Uniroyal	-		dichlobenil	10G	7.50 lb	40 lb	60 lb	80 lb	300	450	600
Chaparral ^{4,2}	Dow	-		aminopyralid-K salt+ metsulfuron	52.5 + 9.45DF	100.00 lb	1 oz	2 oz	3 oz	6.25	12.50	18.75
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	8.15 oz	1.5 oz	2 oz	2.5 oz	12.25	16.30	20.40
Cheetah ¹⁰	Nufarm	Liberty		glufosinate-NH ₄ salt	2.34SL	95.00 gal	22 fl oz	29 fl oz	36 fl oz	16.35	21.55	26.75
Cheetah Max ¹⁰	Nufarm	-		fomesafen & glufosinate-NH ₄ salt	1 + 2SL	- gal	24 fl oz	-	24 fl oz	-	-	-
Chism ^{2,2}	Cheminova	Cimm Plus		chlorsulfuron & metsulfuron	15 + 48DF	6.50 oz	0.25 oz	0.375 oz	0.625 oz	1.65	2.45	4.100
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	135.00 gal	1.33 pt	1.67 pt	2 pt	22.45	28.20	33.75
Cinch ATZ Lite ^{5,15}	Dupont	Bicep II L		atrazine & S-metolachlor	2.67 + 3.23L	65.00 gal	1 qt	1.5 qt	1.9 qt	16.25	24.40	30.90
Clarity ⁴	BASF	-		dicamba-dga salt	4SL	100.00 gal	4 fl oz	8 fl oz	16 fl oz	3.20	6.25	12.50
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	18.00 oz	0.25 oz	0.33 oz	0.5 oz	4.50	6.75	9.00
Clean Slate ⁴	Nufarm	Stinger		clopyralid-monoethanolamine salt	3SL	150.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	1.55	3.05	4.70
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	65.00 gal	1 pt	1.5 pt	2 pt	8.15	12.20	16.30
Clethodim ¹	Several	Select		clethodim	2EC	85.00 gal	4 fl oz	6 fl oz	8 fl oz	2.70	4.00	5.35
CleanTraxx ¹	Dow	-		penoxsulam & oxyfluorfen	0.083 + 3.93EC	- gal	3pt	3.75 pt	4.5 pt	-	-	-
CleanWave ^{4,4}	Dow	-		aminopyralid & fluroxypyr	0.08 + 1.12EC	72.00 gal	10 fl oz	12 fl oz	14 fl oz	5.65	6.75	7.90
Clethodim ¹	Several	Select		clethodim	2EC	85.00 gal	4 fl oz	6 fl oz	8 fl oz	2.70	4.00	5.35
Clopyr Ag ⁴	UPI	Stinger		clopyralid-monoea salt	3SL	410.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	4.15	8.35	12.80
Cobra ¹⁴	Valent	-		lactofen	2EC	230.00 gal	6 fl oz	8 fl oz	12.8 fl oz	10.80	14.40	22.00
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	65.00 gal	1 pt	1.25 pt	1.33 pt	8.20	10.20	10.80
Colt & Salvo ^{4,4}	Loveland	-		fluroxypyr-ester & 2,4-D-ester	0.75 + 3EC	65.00 gal	1 pt	1.33 pt	1.67 pt	8.20	10.80	13.60
Colt & Sword ^{4,4}	Loveland	-		fluroxypyr-ester & MCPA-ester	0.71 + 2.84EC	65.00 gal	1.125 pt	1.5 pt	2 pt	9.15	12.20	16.40
Comet ⁴	Nufarm	Starane		fluroxypyr-ester	1.5EC	70.00 gal	0.5 pt	0.67 pt	1 pt	4.40	5.90	8.75
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&thiencazabone&cyprosulf	1.88 & 0.75SC	7.00 fl oz	3.3 fl oz	4.5 fl oz	5.6 fl oz	23.10	31.50	39.20
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}	Dow/UAP	-		triclopyr-bee & 2,4-D-bee	1 + 2SL	50.00 gal	1 qt	3 qt	6 qt	12.50	32.50	75.00
Crossing 4L 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

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredient	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Curtail ^{4,4}	Dow	-	-	clopyralid-mea & 2,4-D-3ipa salt	0.38 + 2SL	70.00 gal	2 pt	2.67 pt	4 pt	17.50	23.40	35.00
Curtail M ^{4,4}	Dow	-	-	clopyralid-acid & MCPAioester	0.42 + 2.35SL	70.00 gal	1.75 pt	2 pt	2.33 pt	15.30	17.50	20.40
Dacthall	Amvac	-	-	DCPA	6F	165.00 gal	8 pt	10 pt	14 pt	165	206	289
Dacthall	Amvac	-	-	DCPA	75WDG	20.00 lb	8 lb	10 lb	14 lb	160	200	280
Dally ²	Wilbur Ellis	Amber	-	triasulfuron	75DF	13.50 oz	0.14 oz	0.28 oz	0.56 oz	1.90	3.80	7.60
Dawn ¹⁴	Cheminova	Reflex	-	fomesafen-Na salt	2EC	95.00 gal	0.5 pt	0.75 pt	1 pt	5.95	8.90	11.90
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 750	Drexel	Na chlorat	-	Sodium chlorate	7.5SL	15.00 gal	3.2 qt	-	3.2 qt	12.00	-	12.00
Des-i-cate II	UPI	-	-	endothall	2SL	50.00 gal	1.5 qt	-	2 qt	18.75	-	25.00
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
Dicamba ⁴	Several	Banvel	-	dicamba-dma salt	4SL	85.00 gal	4 fl oz	8 fl oz	16 fl oz	2.75	5.50	11.00
DiFlexx ⁴	Bayer	Clarity	-	dicamba-dga & cyprosulfamide	4SL	250.00 gal	8 fl oz	12 fl oz	16 fl oz	15.70	23.45	31.25
DiFlexx Duo ⁴	Bayer	-	-	dic-dga & tembotrione & safener	1.86 + 0.27SC	110.00 gal	24 fl oz	32 fl oz	40 fl oz	20.65	27.50	34.40
Dimetric ⁵	Winfield	Sencor	-	metribuzin	75DF	18.00 lb	0.25 lb	0.33 lb	0.5 lb	4.50	5.95	9.00
Discover NG ¹	Syngenta	-	-	clodinafop & oil adjuvant	0.5EC	170.00 gal	12.8 floz	14.5 floz	16 fl oz	17.00	19.25	21.25
Diquat ²²	Nufarm	Reglone	-	diquat-dibromide salt	2SL	76.00 gal	1 pt	1.5 pt	2 pt	9.50	14.25	19.00
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	30.00 gal	1.5 pt	2.25 pt	3 pt	5.65	8.50	11.25
Double Header ^{15,27}	Lvld	-	-	acetochlor & mesotrione	-	- gal	-	-	-	-	-	-
Draft ²²	Rotam	Harm Extr	-	thifensulfuron & tribenuron	50 + 25DF	- oz	0.3 oz	-	0.3 oz	-	-	-
Dual Magnum ¹⁵	Syngnt	-	-	S-metolachlor	7.62EC	120.00 gal	1.33 pt	1.67 pt	2 pt	19.95	25.05	30.00
Dual II Magnum ¹⁵	"	-	-	S-metolachlor & benoxacor safen	7.64EC	135.00 gal	1.33 pt	1.67 pt	2 pt	22.45	28.20	33.75
Duramax ⁹	Dow	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	Dow	Roundup	-	glyphosate-dma salt	4SL	25.00 gal	24 fl oz	36 fl oz	48 fl oz	4.70	7.05	9.40
Edition B-Spec ^{2,2}	Chmnv	Affinity BS	-	thifensulfuron & tribenuron	25 + 25DF	5.35 oz	0.4 oz	0.6 oz	1 oz	2.15	3.20	5.35
Edition TankMix ^{2,2}	"	Affinity TM	-	thifensulfuron & tribenuron	40 + 10DF	4.00 oz	0.6 oz	0.75 oz	1 oz	2.40	3.00	4.00
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	108.00 gal	12.8 fl oz	19.2 fl oz	25.6 fl oz	10.80	16.20	21.60
Enlist Duo ^{4,9}	Dow	-	-	glyphosate-dma & 2,4-D-choline	1.7 + 1.6SL	30.00 gal	3.5 pt	4 pt	4.75 pt	13.15	15.00	17.80
Eptam ⁸	Gowan	-	-	EPTC	7EC	60.00 gal	2.3 pt	4 pt	6.75 pt	17.25	30.00	50.65
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 2.0 ²	Arysta	-	-	flucarbazone-Na salt & safener	3.5SC	20.00 fl oz	0.5 fl oz	0.75 fl oz	1 fl oz	10.00	15.00	20.00
Express SG ²	Dupont	-	-	tribenuron-methyl	50SG	22.00 oz	1/4 oz	1/3 oz	1/2 oz	5.30	7.25	11.00
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	30.00 gal	1.5 pt	2.25 pt	3 pt	5.65	8.50	11.25
Fallow Star ^{9,4}	Albaugh	Fallow Mst	-	glyt-ipa & dicamba-ipa salt	1.1 + 0.5SL	30.00 gal	22 fl oz	32 fl oz	44 fl oz	5.10	7.50	10.30
Far-Go EC ⁸	Gowan	-	-	triallate	4EC	60.00 gal	1 qt	1.25 qt	1.5 qt	15.00	18.85	22.50
Facet L ^{4,26}	BASF	-	-	quinclorac	1.5L	125.00 gal	22 fl oz	32 fl oz	64 fl oz	21.50	31.25	62.50
FeXapan ⁴	Dupont	XtendiMax	-	dicamba-dga salt + VaporGrip	2.9SL	- gal	22 fl oz	33 fl oz	44 fl oz	-	-	-
Fierce ^{14,15}	Valent	-	-	flumioxazin + pyroxasulfone	33.5 + 42.5WDG	8.00 oz	3 oz	3.33 oz	3.75 oz	24.00	26.70	30.00
Firestorm ²²	Chemtura	Paraquat	-	paraquat-dichloride	3SL	35.00 gal	2 pt	3 pt	4 pt	8.75	13.15	17.50
FirstRate ²	Dow	-	-	cloransulam-methyl	84WDG	45.00 oz	0.3 oz	0.6 oz	0.75	13.50	21.00	33.75
Flexstar ¹⁴	Syngenta	-	-	fomesafen-Na salt & adjuvants	1.88EC	80.00 gal	0.5 pt	-	0.75 pt	5.00	-	7.50
Flexstar GT 3.5 ^{14,9}	Syng	-	-	fomesafen & glyt & adjuvants	0.56 + 2.26SL	40.00 gal	1.75 pt	-	2.68 pt	8.35	-	13.40
Foma 1.88 ¹⁴	Drexel	Flexstar	-	fomesafen-Na salt & adjuvants	1.88EC	50.00 gal	0.5 pt	-	0.75 pt	3.20	-	4.70
Foma 2.0 ¹⁴	Drexel	Reflex	-	fomesafen-Na salt	2EC	55.00 gal	0.5 pt	-	0.75 pt	3.50	-	5.20
FomAsate ^{14,9}	Drexel	Flexstr GT	-	fomesafen & glyt & adjuvants	0.56 + 2.26SL	35.00 gal	1.75 pt	-	2.68 pt	7.70	-	11.80
Fomesafen1.88	Willowd	Flexstar	-	fomesafen-Na salt & adjuvants	1.88EC	50.00 gal	0.5 pt	-	0.75 pt	3.20	-	4.70
Forefront HL ^{4,4}	Dow	-	-	aminopyralid-3ipNH ₄ & 2,4-D	0.41 + 3.33EC	85.00 gal	1.2 pt	1.5 pt	2.1 pt	12.75	16.00	22.30
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
FullDeck ^{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}	Dow	-	-	acetochlor & atrazine	2.4 ME + 1.6L	42.00 gal	2.5 qt	2.7 qt	3 qt	26.25	28.35	31.50
Fusilade DX ¹	Syngenta	-	-	fluazifop-P butyl	2EC	140.00 gal	6 fl oz	10 fl oz	12 fl oz	6.60	11.00	13.20
Fusion ^{1,1}	Syngenta	-	-	fluazifop-P & fenoxaprop	2 + 0.66EC	225.00 gal	6 fl oz	10 fl oz	12 fl oz	10.55	17.60	21.10
Garlon 4 Ultra ⁴	Dow	-	-	triclopyr-ester	4EC	115.00 gal	1 qt	2 qt	4 qt	28.75	57.50	115.00
Glory ⁵	MANA	Sencor	-	metribuzin	75DF	16.00 lb	0.25 lb	0.33 lb	0.5 lb	4.00	5.30	8.00
Glyfos/X-tra ⁹	Cheminva	Roundup	-	glyphosate-ipa salt	3SL	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00
Glyphogan/Plus ⁹	MANA	Roundup	-	glyphosate-ipa salt	3SL	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
GlyStar 5/Extra 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	18.00 gal	2 pt	3 pt	4 pt	4.50	6.75	9.00
Goal ¹⁴	Dow	Collide		oxyfluorfen	2EC	98.00 gal	4 pt	6 pt	8 pt	45.00	67.50	90.00
GoldSky ^{2,2,4}	Dow	-		pyrox&floras&flurox&cloquintocet	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	42.00 gal	1 pt	1.5 pt	2 pt	5.25	7.90	10.50
Graslan L ^{4,4}	Dow	Grazon		picloram-3ipa & 2,4-D-choline	0.81 + 3SL	50.00 gal	1.5 pt	2 pt	2.5 pt	9.40	12.50	16.00
GrazonNext ^{4,4}	Dow	-		aminopyralid-3ipa + 2,4-D-3ipa	0.33 + 2.67SL	50.00 gal	1.5 pt	2 pt	2.6 pt	9.40	12.50	16.25
Grazon P+D ^{4,4}	Dow	Graslan		picloram-3ipa & 2,4-D-3ipa	0.54 + 2SL	40.00 gal	2 qt	3 qt	4 qt	20.00	30.00	40.00
Gun Slinger ^{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)	70.00 gal	3 pt	3.6 pt	4 pt	26.30	31.50	35.00
Halomax ²	Aceto	Permit		halosulfuron-methyl	75DF	22.00 oz	0.67 oz	1 oz	1.33 oz	14.75	22.00	29.26
Harass ²	Cheminova	Harmony		thifensulfuron-methyl	75DF	8.00 oz	1/12 oz	0.3 oz	0.6 oz	0.67	2.40	4.80
Harmony SG ²	Dupont	-		thifensulfuron-methyl	50SG	40.00 oz	0.3 oz	0.45 oz	0.7 oz	12.00	18.00	28.00
Harness ¹⁵	Monsanto	-		acetochlor & furilazole safener	7EC	125.00 gal	1.25 pt	1.75 pt	2.25 pt	19.50	27.40	35.15
Harness Xtra ^{15,5}	Monsnt	-		acet & furilazole & atrazine	4.3 + 1.7F	70.00 gal	1.2 qt	1.5 qt	1.8 qt	21.00	26.25	31.50
Harness Xtra 5.6L ^{15,5}	"	-		acet & furilazole & atrazine	3.1 + 2.5F	60.00 gal	1.5 qt	1.7 qt	2.3 qt	22.50	25.50	34.50
Harrow ^{2,2}	Cheminova	Harm Extr		rimsulfuron & thifensulfuron	50 + 25DF	- oz	0.33 oz	0.67 oz	1 oz	-	-	-
Hat Trick ^{4,4}	Loveland	-		clop-mea&fluroxy-mhe&MCPAe	0.51 + 0.51 + 1.8EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Helmqat 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}	Dow	-		flumetsulam & clopyralid-K salt	18.5 + 60WDG	5.00 oz	2 oz	3 oz	4 oz	10.00	15.00	20.00
Huskie ^{6,27}	Bayer	-		brom & pyrasulfotole & mefenpyr	1.75 + 0.31EC	120.00 gal	11 fl oz	12.8 fl oz	13.5 fl oz	10.30	12.00	12.70
Huskie Complete ^{6,27,2}	"	-		brom&pyrasulf&thiencarb&mfnp	1.46+0.26+0.042OD	210.00 gal	13.7 fl oz	-	13.7 fl oz	22.50	-	22.50
Hydrothol 191	UPI	Herb. 273		endothall	2G	6.00 lb	-	-	-	-	-	-
Hyvar X-L	Bayer	-		bromacil	80WP	22.00 lb	3 lb	7 lb	15 lb	66.00	154	330
Impact ²⁷	Amvac	Armazon		topramezone	2.8SC	25.00 fl oz	0.33 fl oz	0.5 fl oz	0.75 fl oz	8.25	12.50	18.75
Impose ²	MANA	Plateau		imazapic-NH ₄ salt	2SL	3.00 fl oz	4 fl oz	8 fl oz	12 fl oz	12.00	24.00	36.00
Incinerate ²⁷	Winfield	Callisto		mesotrione	4SE	660.00 gal	2 fl oz	2.5 fl oz	3 fl oz	10.30	12.90	15.50
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 100 ¹	Loveland	Select		clethodim	2EC	65.00 gal	4 fl oz	6 fl oz	8 fl oz	2.00	3.00	4.00
Intensity One ¹	Loveland	Select Max		clethodim	1EC	90.00 gal	6 fl oz	8 fl oz	12 fl oz	4.20	6.30	8.40
Interline ¹⁰	UPI	Liberty		glufosinate-NH ₄ salt	2.34SL	95.00 gal	22 fl oz	29 fl oz	36 fl oz	16.35	21.55	26.75
Karmex ⁷	MANA	Diuron		diuron	80XP	8.00 lb	2 lb	6 lb	8 lb	16.00	48.00	64.00
Keystone LA NXT ^{15,5}	Dow	Harness		acetochlor & atrazine	4 + 1.5L	65.00 gal	1.33 qt	1.5 qt	1.8 qt	21.65	24.40	29.25
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
Krovax I ^{6,7}	Bayer	-		bromacil & diuron	40 + 40DF	15.00 lb	6 lb	12 lb	16 lb	90.00	180.00	240.00
Landmaster BW ^{9,4}	Albgh	-		glyphosate-ipa & 2,4-D-ipa salt	0.9 + 1.5SL	18.00 gal	27 fl oz	40 fl oz	54 fl oz	3.80	5.65	7.60
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	6.00 fl oz	3 fl oz	-	3 fl oz	18.00	-	18.00
LeadOff ^{2,2}	Dupont	Alluvex		thifensulfuron & rimsulfuron 1:1	16.7 + 16.7SG	6.30 oz	1.5 oz	2 oz	2.7 oz	9.80	13.00	17.60
Liberty 280 ¹⁰	Bayer	-		glufosinate-NH ₄ salt	2.34SL	75.00 gal	22 fl oz	29 fl oz	36 fl oz			
Linex ⁷	TKI	-		linuron	4L	100.00 gal	8 fl oz	12 fl oz	16 fl oz	6.25	9.40	12.50
Lorox ⁷	TKI	-		linuron	50DF	25.00 lb	1 lb	3 lb	6 lb	25.00	50.00	100.00
Lumax EZ ^{5,27,15}	Syngenta	-		atrazine & mesotrione & S-metol	0.94 + 0.25 + 2.5SE	75.00 gal	3 pt	4 pt	5 pt	28.15	37.50	46.90
Mad Dog/Plus ⁹	Loveland	Roundup		glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.60	9.50
Maestro 2EC ⁶	Nufarm	Buctril		bromoxynil-ester	2EC	52.00 gal	1 pt	1.5 pt	2 pt	6.50	9.80	13.00
Maestro 4EC ⁶	Nufarm	Buctril		bromoxynil-ester	4EC	85.00 gal	0.5 pt	0.75 pt	1 pt	5.30	8.00	10.70
Maestro Adv. ^{6,4}	Nufarm	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
Maestro D ^{6,4}	Nufarm	-		bromoxynil-ester & 2,4-D-ester	2 + 1.9EC	55.00 gal	0.75 pt	1.33 pt	2 pt	5.15	9.15	13.75
Maestro MA ^{6,4}	Nufarm	Bronate		bromoxynil-ester & MCPA-ester	2 + 2EC	45.00 gal	1 pt	1.5 pt	2 pt	5.65	8.45	11.25
Makaze ⁹	Loveland	Roundup		glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.80	5.60	7.50
Makaze Yield Pro ⁹	LvInd	-		glyphosate-ipa salt+IBA+cytokinin	3+0.005+0.0009SL	25.00 gal	2 pt	3 pt	4 pt	6.30	9.45	12.50
Marvel ^{14,14}	FMC	-		fomesafen & fluthiacet	2.88 + 0.12SC	225.00 gal	5 fl oz	6 fl oz	7 fl oz	8.80	10.55	12.30
Matador ^{15,5,2}	Loveland	-		metochlr & metrib & imazethapyr	4 + 0.56 + 0.13SL	65.00 gal	2 pt	3 pt	4 pt	16.25	24.40	32.50
Matador S ^{15,5,2}	Loveland	-		metochlr & metrib & imazethapyr	3.38 + 0.75 + 0.17SL	65.00 gal	1.9 pt	-	2.4 pt	15.50	-	19.50
Matrix ²	Dupont	-		rimsulfuron	25DF	20.00 oz	1 oz	-	1.5 oz	20.00	-	30.00
Maverick ²	Monsanto	-		sulfosulfuron	75DF	18.00 oz	0.33 oz	0.5 oz	0.67 oz	5.90	9.00	12.10
MCPA amine ⁴	Severl	-		MCPA-amine	4SL	40.00 gal	0.4 pt	1 pt	2 pt	2.00	5.00	10.00

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
MCPA ester ⁴	Several	-	-	MCPA-ester	4EC	38.00 gal	0.5 pt	1 pt	2 pt	2.40	4.80	9.50
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	3.00 oz	4 fl oz	8 fl oz	12 fl oz	12.00	24.00	36.00
Metribuzin ⁵	CPS/MANA	Sencor	-	metribuzin	75DF	18.00 lb	0.25 lb	0.33 lb	0.5 lb	4.50	5.95	9.00
Metsulfuron ²	Arysta	Ally	-	metsulfuron-methyl	60XP	- oz	0.05 oz	0.1 oz	0.3 oz	-	-	-
Milestone / VM ⁴	Dow	-	-	aminopyralid-3ipNH ₄ salt	2SL	400.00 gal	3 fl oz	5 fl oz	7 fl oz	9.40	15.65	21.90
Militia ^{14,2}	MANA	-	-	flumioxazin & imazethapyr	-	- gal	-	-	-	-	-	-
Moxy ⁶	Winfield	Buctril	-	bromoxynil-ester	2EC	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.10	17.50
NextStep NG ¹	Arysta	Discover	-	clodinafop & oil adjuvant	0.5EC	160.00 gal	12.8 floz	14.5 floz	16 fl oz	16.00	18.20	20.00
Nimble ^{2,2}	Cheminova	Harm Extr	-	thifensulfuron & tribenuron 2:1	50 + 25DF	7.00 oz	0.15 oz	0.3 oz	0.6 oz	1.05	2.10	4.20
Nortron SC ¹⁶	Bayer	-	-	ethofumesate	4EC	100.00 gal	6 pt	7 pt	7.5 pt	75.00	87.50	93.75
Nuance ²	Cheminova	Express	-	tribenuron-methyl	75DF	9.00 oz	1/8 oz	1/6 oz	1/3 oz	1.15	1.50	3.00
Olympus ²	Bayer	-	-	propoxycarbazone-Na salt	70WDG	18.00 oz	0.4 oz	0.5 oz	0.6 oz	7.20	9.00	10.80
OpTill ^{14,2}	BASF	-	-	saflufenacil & imazethapyr	17.8 + 50.2WDG	8.00 oz	1 oz	1.5 oz	2 oz	8.00	12.00	16.00
Orion ^{2,4}	Syngenta	-	-	florasulam & MCPA-ehe	0.033 + 2.34EC	350.00 case	17 fl oz - 40 A/case			8.80		
Osprey ²	Bayer	Silverado	-	mesosulfuron-methyl	4.5WDG	3.50 oz	3.2 oz	4 oz	4.75 oz	11.20	14.00	16.65
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	MANA	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	150.00 gal	10 fl oz	14 fl oz	18 fl oz	11.70	16.40	21.10
Outrider ²	Valent	Maverick	-	sulfosulfuron	75DF	25.00 oz	0.75 oz	1.33 oz	2 oz	18.80	33.30	50.00
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}	West Central	Zemax	-	S-metolachlor & mesotrione	3.34 + 0.33SC	80.00 gal	1.6 qt	2 qt	2.4 qt	32.00	40.00	48.00
Panoflex ^{2,2}	Dupont	-	-	thifensulfuron & tribenuron 1:4	10 + 40SG	10.50 oz	0.3 oz	0.45 oz	0.6 oz	3.00	4.50	6.00
Panther SC ¹⁴	Nufarm	Valor	-	flumioxazin	4SC	430 gal	1.5 fl oz	2 fl oz	3 fl oz	5.00	7.50	10.00
Parallel ¹⁵	MANA	Dual II	-	metolachlor & safener	7.8EC	50.00 gal	1.33 pt	1.67 pt	2 pt	8.30	10.45	12.50
Parallel PCS ¹⁵	MANA	Dual	-	metolachlor	8EC	50.00 gal	1.33 pt	1.67 pt	2 pt	8.30	10.45	12.50
Paraquat ²²	Willowood	Gramoxon	-	paraquat-dichloride	3SL	33.00 gal	0.67 pt	1 pt	1.33 pt	2.75	4.15	5.55
Parazone ²²	MANA	Gramoxon	-	paraquat-dichloride	3SL	40.00 gal	0.67 pt	1 pt	1.33 pt	3.35	5.00	6.65
Parity ¹	West Central	Puma	-	fenoxaprop-P ethyl	1EC	190.00 gal	0.33 pt	0.4 pt	0.67 pt	7.85	9.50	15.95
Pathfinder II ⁴	Dow	Garlon	-	triclopyr-acid/bee	0.75EC	40.00 gal	2.7 gal	8 gal	10.7 gal	108	320.00	428.00
Patriot ²	Nufarm	Escort	-	metsulfuron-methyl	60DF	6.00 oz	0.33 oz	1 oz	2 oz	2.00	6.00	12.00
Payload ¹⁴	Valent	Valor	-	flumioxazin	51WDG	- oz	2 oz	2.5 oz	3 oz	-	-	-
Peak ²	Syngenta	-	-	prosulfuron	57DF	18.00 oz	0.25 oz	0.38 oz	0.5 oz	4.50	6.85	8.00
PerfectMatch ^{2,4,4}	Dow	-	-	pyroxsulam & clopyr & fluroxypyr	1.66SE	165.00 gal	1 pt	-	1 pt	20.60	-	20.60
Permit ²	Gowan	Halomax	-	halosulfuron-methyl	75DF	25.00 oz	0.67 oz	1 oz	1.33 oz	16.75	25.00	33.25
Perspective ^{4,2}	Bayer	-	-	aminocyclopyrachlor+chlorsulf	39.5 + 15.8DF	6.50 oz	3 oz	4.75 oz	8 oz	19.50	30.90	52.00
Phoenix ¹⁴	Valent	-	-	lactofen & adjuvants	2EC	200.00 gal	6 fl oz	8 fl oz	12.8 fl oz	9.40	12.50	20.00
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
Platform ⁴	Nufarm	Garlon EC	-	triclopyr-ester	4EC	95.00 gal	1 qt	2 qt	4 qt	23.75	47.50	95.00
Plotter ²	Rotam	Ally	-	metsulfuron-methyl (cropland)	60DF	5.00 oz	0.05 oz	0.1 oz	0.3 oz	0.25	0.50	1.50
Poast ¹	BASF	-	-	sethoxydim	1.5EC	100.00 gal	0.5 pt	1 pt	1.5 pt	6.25	12.50	18.75
Portfolio 4L 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	Dow	-	-	pyroxsulam+cloquintocet safener	13.1WDG	7.50 oz	2 oz	-	2 oz	15.00	-	15.00
Pramitol EC	Several	-	-	prometon	25EC	60.00 gal	5 gal	7.5 gal	10 gal	300	450	600
Pramitol 5S	Several	-	-	prometon	5PS	4.50 lb	150 lb	200 lb	400 lb	600	800	1600
Prefix ^{15,14}	Syngenta	-	-	S-metolachlor & fomesafen	4.34 + 0.95EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Pre-Pare ²	Arysta	Everest	-	flucarbazone-Na salt	70WDG	33.00 oz	0.3 oz	-	0.3 oz	9.90	-	9.90
Prequel ^{2,27}	Dupont	-	-	rimsulfuron & isoxaflutole	15 + 30SG	9.50 oz	1.66 oz	2 oz	2.5 oz	15.00	18.00	22.50
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
Primer ²	Rotam	Accent	-	nicosulfuron	75DF	- oz	0.33 oz	0.5 oz	0.67 oz	-	-	-
Princep 4L ⁵	Syngenta	-	-	simazine	4L	26.00 gal	2 qt	3 qt	4 qt	12.00	19.50	26.00
Princep Caliber 90 ⁵	"	-	-	simazine	90DF	5.50 lb	1.8 lb	3 lb	4.4 lb	9.90	16.50	24.20
Prowl H2O ³	BASF	-	-	pendimethalin	3.8ACS	50.00 gal	2.1 pt	2.6 pt	3 pt	13.50	16.25	18.75
Pruvin ²	MANA	Resolve	-	rimsulfuron	25SG	12.50 oz	0.75 oz	-	1 oz	9.40	-	12.50
Purestand ²	Nufarm	Ally	-	metsulfuron-methyl	60DF	6.00 oz	0.05 oz	0.1 oz	0.3 oz	0.30	0.60	1.80
Pursuit ²	BASF	-	-	imazethapyr-NH ₄ salt	2AS	500.00 gal	2 fl oz	2.5 fl oz	3 fl oz	7.80	9.80	11.75
Python ²	Dow	-	-	flumetsulam	80WDG	14.50 oz	0.8 oz	1 oz	1.33 oz	11.60	14.50	19.30
Quelex ^{4,2}	Dow	-	-	halauxifen & florasulam	0.1 + 0.1WDG	130.00 lb	0.75 oz	-	0.75 oz	6.10	-	6.10
Quik-Quat ²²	Drexel	Paraquat	-	paraquat-dichloride	3SL	40.00 gal	0.67 pt	1 pt	1.33 pt	3.35	5.00	6.65

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Range Star ^{4,4}	Albaugh	Weedmstr	-	2,4-D-dea & dicamba-dea salt	2.87 + 1SL	35.00 gal	1 pt	2 pt	4 pt	4.45	8.75	17.50
Ransom ^{14,5}	MANA	-	-	flumioxazin & metribuzin	12.96 + 56 WDG	- gal	-	-	-	-	-	-
Rapport BrdSpec ^{2,2}	Nufm	Affinity BS	-	thifensulfuron & tribenuron 1:1	25 + 25DF	9.25 oz	0.4 oz	0.6 oz	1 oz	3.70	5.70	9.25
Rapport TankMix ^{2,2}	Nufm	Affinity TM	-	thifensulfuron & tribenuron 4:1	40 + 10DF	8.00 oz	0.6 oz	0.75 oz	1 oz	4.80	6.00	8.00
Raptor ²	BASF	-	-	imazamox-NH ₄ salt	1SL	580.00 gal	3 fl oz	4 fl oz	5 fl oz	13.60	18.20	22.70
Raze ^{2,4}	Arysta	-	-	flucarbazone&fluroxypr&safener	0.322 + 1.68SC	2.60 fl oz	5 fl oz	7 fl oz	9 fl oz	13.00	18.20	23.40
Realm Q ^{2,27}	Dupont	Instigate	-	rimsulfuron & meso. & isoxadifen	7.5+31.25SG	5.00 oz	4 oz	-	4 oz	20.00	-	20.00
Reflex ¹⁴	Syngenta	-	-	fomesafen-Na salt	2EC	60.00 gal	0.5 pt	0.75 pt	1 pt	3.75	5.60	7.50
Reglone ²²	Syngenta	-	-	diquat-dibromide salt	2SL	85.00 gal	1 pt	1.5 pt	2 pt	10.60	16.00	21.20
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	Bayer	Liberty	-	glufosinate-NH ₄ salt	2.34SL	88.00 gal	48 fl oz	56 fl oz	82 fl oz	33.00	38.50	56.40
Remedy Ultra ⁴	Dow	-	-	triclopyr-ester	4EC	70.00 gal	1 qt	1.5 qt	2 qt	17.50	26.50	35.00
Report ²	Cheminova	Glean	-	chlorsulfuron	75DF	10.50 oz	1/6 oz	-	1/3 oz	1.75	-	3.50
Resicore ^{4,15,27}	Dow	-	-	clopyralid & acetochlor & meso	0.19 + 2.8 + 0.3SC	75.00 gal	2.25 qt	2.5 qt	3 qt	42.20	47.00	56.00
Resolve Q ^{2,2}	Dupont	Alluvex	-	rimsulfuron & thifen & isoxadifen	18.4 + 4SG	10.00 oz	1 oz	-	1.25 oz	10.00	-	12.50
Resource ¹⁴	Valent	-	-	flumiclorac-ester	0.86SL	245.00 gal	1 fl oz	2 fl oz	3 oz	1.95	3.85	5.75
Revulin Q ^{2,27}	Dupont	-	-	nicosulfuron & meso. & isoxadifen	14.4 + 36.8SG	5.50 oz	3.4 oz	3.7 oz	4 oz	18.70	20.35	22.00
Rhythm ¹⁴	Chemivova	Flexstar	-	fomesafen-Na salt & adjuvants	1.88EC	140.00 gal	0.5 pt	-	0.75 pt	8.75	-	13.15
Rifle ⁴	Loveland	Banvel	-	dicamba-dma salt	4SL	50.00 gal	4 fl oz	8 fl oz	16 fl oz	1.60	3.10	6.25
Rifle D ^{4,4}	Loveland	Weedmstr	-	2,4-D-dea & dicamba-dea salt	2.87 + 1SL	45.00 gal	0.5 pt	2 pt	4 pt	2.80	11.25	22.50
Rimfire Max ^{2,2}	Bayer	-	-	propoxy-Na & meso & mefenpyr	4.76 + 1.91WDG	5.50 oz	3 oz	-	3 oz	15.00	-	15.00
Ringside ¹⁴	Tenkos	Reflex	-	fomesafen-Na salt	2EC	60.00 gal	0.5 pt	0.75 pt	1 pt	3.75	5.60	7.50
Rodeo ⁹	Dow	-	-	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 ⁹	Helm	-	-	cycloate	6EC	165.00 gal	4 pt	4.5 pt	5.33 pt	82.50	92.85	110
Rowel ¹⁴	Monsanto	Valor	-	flumioxazin	51WDG	7.50 oz	1.5 oz	2 oz	3 oz	11.25	15.00	22.50
RT 3 ⁹	Monsanto	Roundup	-	glyphosate-K salt	4.5SL	28.00 gal	22 fl oz	32 fl oz	44 fl oz	4.80	7.00	9.65
RU PowerMax ⁹	Monsnto	Roundup	-	glyphosate-K salt	4.5SL	30.00 gal	22 fl oz	32 fl oz	44 fl oz	5.15	7.50	10.30
RU WeatherMax ⁹	"	Roundup	-	glyphosate-K salt	4.5SL	38.00 gal	22 fl oz	32 fl oz	44 fl oz	6.55	9.50	13.10
RU Xtend ⁹	Monsanto	-	-	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	MANA	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	35.00 gal	0.5 pt	1 pt	2 pt	2.20	4.40	8.80
Salvo ⁴	Loveland	2,4-D e	-	2,4-D-ester	5EC	40.00 gal	6.4 fl oz	9.6 fl oz	12.8 fl oz	2.00	3.00	4.00
Sandea ²	Gowan	Permit	-	halosulfuron-methyl	75DF	45.00 oz	0.67 oz	1 oz	1.33 oz	30.15	45.00	60.00
Scorch ^{4,4,4}	Nufarm	-	-	2,4-D & floroxypr & dicamba	3 + 0.75 + 1EC	50.00 gal	1 pt	2 pt	4 pt	6.25	12.50	25.00
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	120.00 gal	6 fl oz	9 fl oz	12 fl oz	5.65	8.45	11.25
Sentrallas ^{2,4}	Dupont	-	-	thifensulfuron & fluroxypr	0.25 & 1.3OD	130.00 gal	7 fl oz	9 fl oz	14 fl oz	6.60	8.50	13.25
Sequence ^{9,15}	Syngenta	-	-	glyphosate-K salt & S-metolachlor	2.25 + 3SC	60.00 gal	1.5 pt	2.5 pt	3 pt	11.25	18.75	22.50
Shadow ¹	Arysta	Select	-	clethodim	3EC	130.00 gal	2.66 fl oz	5.33 fl oz	10.66 fl oz	2.70	5.40	10.80
Sharpen ¹⁴	BASF	-	-	saflufenacil	2.85SC	820.00 gal	1 fl oz	2 fl oz	3 fl oz	6.40	12.80	19.20
Shutdown 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	23.00 fl oz	0.5 fl oz	0.75 fl oz	1 fl oz	11.50	17.25	23.00
Simazine L ⁵	Several	Princep	-	simazine	4L	25.00 gal	2 qt	3 qt	4 qt	12.50	18.75	25.00
Simazine DF ⁵	Several	Princep	-	simazine	90DF	5.00 lb	1.8 lb	3 lb	4.4 lb	9.00	15.00	22.00
Sinbar	TKI	-	-	terbacil	80WP	55.00 lb	0.5 lb	2 lb	4 lb	27.50	110.00	220.00
Sinister ¹⁴	Helena	Reflex	-	fomesafen-acid	2.87SL	110.00 gal	0.52 pt	-	0.52 pt	7.15	-	7.15
Smack Down ^{15,4,2}	Love	SureStart	-	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	95.00 gal	1.5 pt	2 pt	3 pt	17.85	23.75	35.65
Solida ²	Cheminova	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	650.00 gal	2.5 fl oz	-	3 fl oz	12.70	-	15.25
Sonalan HFP ³	Gowan	-	-	ethalfuralin	3EC	55.00 gal	1.5 pt	3 pt	4.5 pt	10.30	20.65	30.95
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}	Dow	Authry 1st	-	cloransulam & sulfentrazone	7.9 + 62.1WDG	5.75 oz	4 oz	6 oz	8 oz	23.00	34.50	46.00
Spartan ¹⁴	FMC	-	-	sulfentrazone	4L	550.00 gal	3 fl oz	4.5 fl oz	6 fl oz	12.90	19.30	25.80
Spartan Charge ^{14,14}	FMC	-	-	carfentrazone & sulfentrazone	0.35 + 3.15SE	450.00 gal	3.75 fl oz	4.5 fl oz	5.75 fl oz	13.20	15.80	20.20
Spartan Elite ^{15,14}	FMC	BroadAxe	-	S-metolachlor & sulfentrazone	6.3 + 0.7EC	140.00 gal	20 fl oz	25 fl oz	32 fl oz	21.90	27.40	35.00
Spike ⁷	Dow	-	-	tebuthiuron	80DF	15.00 lb	2.5 lb	3.75 lb	5 lb	37.50	75.00	150.00
SpitFire ^{4,4}	Nufarm	-	-	dicamba & 2,4-D	0.5 + 3.07SL	30.00 gal	1 pt	2 pt	4 pt	3.75	7.50	15.00
Spur ⁴	Albaugh	Stinger	-	clopyralid-monoea salt	3SL	200.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	2.00	4.00	6.00
Stalker ²	BASF	Arsenal	-	imazapyr-ipa salt	2SL	300.00 gal	48 fl oz	2 qt	3 qt	113	150	225

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Starane Flex ^{2,4}	Dow	-	-	florasulam & fluroxypyr	0.042 + 0.833EC	75.00 gal	13.5 fl oz	-	13.5 fl oz	7.90	-	7.90
Starane NXT ^{6,4}	Dow	-	-	bromoxynil & fluroxypyr-ester	2.33 + 0.583EC	85.00 gal	14 fl oz	21 fl oz	27.4 fl oz	9.30	14.00	18.20
Starane Ultra ⁴	Dow	-	-	fluroxypyr-ester	2.8EC	300.00 gal	0.25 pt	0.35 pt	0.54 pt	9.40	13.15	20.25
Statement ^{15,14}	Cheminvva	Prefix	-	S-metolachlor & fomesafen	4.34 + 0.95EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Status ^{4,19}	BASF	-	-	dic-Na&diflufenzpr-Na&isoxadifen	40 + 16WDG	4.00 oz	5 oz	7.5 oz	10 oz	20.00	30.00	40.00
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	35.00 gal	2.4 pt	3 pt	3.64 pt	10.50	13.15	15.95
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	Dow	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	100.00 gal	1 pt	1.5 pt	2 pt	12.50	18.75	25.00
Strikeout ⁹		Roundup	-	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Strut ⁴	Loveland	Clarity	-	dicamba-dga salt	4SL	80.00 gal	4 fl oz	8 fl oz	16 fl oz	2.50	5.00	10.00
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}	Dow	-	-	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	95.00 gal	1.5 pt	2 pt	3 pt	17.85	23.75	35.65
Surflan ³	UPI	-	-	oryzalin	4EC	60.00 gal	2 qt	3 qt	4 qt	30.00	45.00	60.00
Surpass NXT ¹⁵	Dow	-	-	acetochlor & dichlormid safener	6.4EC	110.00 gal	1.5 pt	2 pt	2.25 pt	20.65	27.50	30.95
Surveil ^{14,2}	Dow	Gangster	-	flumioxazin & cloransulm	36 + 12WDG	110.00 lb	2.1 oz	2.8 oz	4.2 oz	14.40	19.30	28.90
Sword ⁴	Loveland	-	-	MCPA ester	5.2EC	50.00 gal	3 fl oz	1 pt	2 pt	1.20	6.25	12.50
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}	MANA	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	- gal	13.7 fl oz	-	18.2 fl oz	-	-	-
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	130.00 gal	7 fl oz	8 fl oz	10 fl oz	7.10	8.20	10.20
Teammate ²	Dow	-	-	pyroxulam & safener	21.5WDG	- oz	1 oz	-	1 oz	-	-	-
Thistrol ⁴	Nufarm	-	-	MCPB	2EC	60.00 gal	2 pt	4 pt	6 pt	15.00	30.00	45.00
Throttle ^{2,2,14}	Bayer	-	-	chlorsulf&sulfometurn&sulfentzrn	9 + 18 +48DF	7.80 oz	12.5 oz	-	12.5 oz	97.50	-	97.50
Thunder ²	Albaugh	Pursuit	-	imazethapyr-NH4 salt	2AS	400.00 gal	2 fl oz	2.5 fl oz	3 fl oz	6.30	7.80	9.40
Thunder Master ^{2,9}	Albgh	Extreme	-	imazethapyr-acid & glyph-ipa salt	0.17 + 2SL	25.00 gal	1.5 pt	2.25 pt	3 pt	5.25	7.05	9.90
Top Gun ¹⁴	Loveland	Reflex	-	fomesafen-Na salt	2EC	130.00 gal	0.5 pt	0.75 pt	1 pt	8.15	12.20	16.25
Tordon 22K ⁴	Dow	-	-	picloram-K salt	2SL	80.00 gal	1 pt	2 pt	4 pt	10.00	20.00	40.00
Torment ^{14,2}	MANA	-	-	fomesafen & imazethapyr	2 + 0.5	130.00 gal	0.75 pt	-	1 pt	12.20	-	16.30
Transline ⁴	Dow	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}	Dupont	-	-	metsulfuron & thifen & fluroxypyr	0.025&0.25&1.3OD	11.00 fl oz	10 fl oz	-	10 fl oz	11.00	-	11.00
Treaty ²	Nufarm	Harmony	-	thifensulfuron-methyl	75DF	10.00 oz	1/12 oz	0.3 oz	0.6 oz	0.80	3.00	6.00
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	30.00 gal	1 pt	2 pt	4 pt	3.75	7.50	9.00
Treflan TR-10 ³	Gowan	-	-	trifluralin	10G	1.20 lb	5 lb	10 lb	20 lb	6.00	12.00	24.00
Tri-Cor ⁵	UPI	Sencor	-	metribuzin	4F	107.00 gal	6 fl oz	8 fl oz	16 fl oz	5.00	6.60	13.30
Tri-Cor ⁵	UPI	Sencor	-	metribuzin	75DF	20.00 lb	0.25 lb	0.33 lb	0.67 lb	5.00	6.60	13.30
Trifluralin EC ³	Several	Treflan	-	trifluralin	4EC	32.00 gal	1 pt	2 pt	4 pt	4.00	8.00	12.00
Triflurex ³	MANA	Treflan	-	trifluralin	4EC	32.00 gal	1 pt	2 pt	4 pt	4.00	8.00	12.00
Trigger ¹	Albaugh	Select	-	clethodim	2EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.65	7.50
Trimec Classic ^{4,4,4}	PBI	-	-	2,4-D-amine & MCPP & dicamba	3.32EC	40.00 gal	3.25 pt	3.8 pt	4.33 pt	16.25	19.00	21.65
Trimec Plus ^{4,4}	PBI	-	-	MSMA & 2,4-Da & MCPPa	2.88EC	50.00 gal	2 qt	3 qt	4 qt	25.00	35.00	50.00
TripleFlex II ^{15,4,2}	Monsnt	SureStart	-	aceto&clopyr&flumet&furilazole	3.75+0.38+0.12SC	95.00 gal	1.5 pt	2 pt	3 pt	17.80	23.75	35.65
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	85.00 gal	1 pt	2 pt	4 pt	10.60	21.25	42.50
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 & fluroxypyr-mhe	1 + 1S	56.00 gal	2 pt	3 pt	4 pt	14.00	21.00	28.00
Trump Card ^{4,4}	Helena	-	-	fluroxypyr-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 & fluroxypyr-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	-	-	clp-mea & flurox-mhe & MCPAe	0.5 + 0.64 + 1.75EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Trust EC 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	435.00 gal	2 fl oz	3 fl oz	4 fl oz	6.80	10.20	13.60
Ultra Blazer ¹⁴	UPI	-	-	acifluorfen-Na salt	2SL	90.00 gal	1 pt	1.5 pt	2 pt	11.25	16.90	22.50
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	Dupont	-	-	triflusulfuron-methyl	50DF	20.00 oz	0.25 oz	0.3 oz	0.5 oz	5.00	6.00	10.00
Upfront ^{15,14}	Drexel	Prefix	-	S-metolachlor & fomesafen	4.34 + 0.95EC	55.00 gal	1 pt	1.5 pt	2 pt	6.90	10.30	13.80
Valor EZ ¹⁴	Valent	-	-	flumioxazin	4SC	4.00 fl oz	2 fl oz	2.5 fl oz	3 fl oz	8.00	10.00	12.00

Product	Site of action-pg 98-99		Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
	Company						Low	Med	High	Low	Med	High
Valor SX ¹⁴	Valent	-	-	flumioxazin	51WDG	7.00 oz	2 oz	2.5 oz	3 oz	14.00	17.50	21.00
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	165.00 gal	16 fl oz	21 fl oz	27 fl oz	20.60	27.00	34.80
Varro ²	Bayer	-	-	thiencarbazone & mefenpyr	0.083OD	290.00 gal	6.85 fl oz	-	6.85 fl oz	15.50	-	15.50
Vastlan ⁴	Dow	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	40.00 gal	2 pt	4 pt	6 pt	10.00	20.00	30.00
Vengeance Plus ^{4,4,4}	Wlbr	-	-	MCPA & triclopyr & dichlorprop	3.72 + 0.75 + 0.75EC	52.00 gal	2 pt	2.5 pt	3 pt	13.00	16.25	19.50
Verdict ^{14,15}	BASF	-	-	saflufenacil & dimethenamid-P	0.57 + 5EC	240.00 gal	10 fl oz	13 fl oz	16 fl oz	18.80	24.40	30.00
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
Vise ^{15,14}	MANA	Prefix	-	S-metolachlor & fomesafen	4.34 + 0.95EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Victory ²	Nufarm	Express	-	tribenuron-methyl	75DF	12.00 oz	1/8 oz	1/6 oz	1/3 oz	1.50	2.00	3.60
Vida ¹⁴	Gowan	ET	-	pyraflufen-ethyl	0.208EC	4.50 fl oz	0.5 fl oz	2 fl oz	5.5 fl oz	2.25	9.00	24.75
Viewpoint ^{4,2,2}	Bayer	-	-	aminocycpyrchl&imazapyr&met	22.8 + 31.6 + 7.3DF	5.00 oz	13 oz	16 oz	18 oz	65.00	80.00	90.00
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	Dow	Starane	-	fluroxypyr-ester	2.8AE	170.00 gal	6 fl oz	12 fl oz	22 fl oz	8.00	16.00	30.00
Volley ¹⁵	Tenkos	Surpass	-	acetochlor & dichlormid safener	6.4EC	88.00 gal	1.5 pt	2 pt	2.25 pt	16.50	22.00	24.75
Volta ²	Rotam	Harmony	-	thifensulfuron-methyl	75DF	10.00 oz	1/12 oz	0.3 oz	0.6 oz	1.00	2.00	6.00
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	Tenkos	Select	-	clethodim	2EC	80.00 gal	4 fl oz	6 fl oz	8 fl oz	2.50	3.75	5.00
Voucher ^{4,4}	Helena	Strn+Swrd	-	MCPA-acid & fluroxypyr-ester	2.6 + 0.64SL	65.00 gal	1 pt	2 pt	3 pt	8.15	16.25	24.40
Warrant ¹⁵	Monsanto	~Degree	-	acetochlor (microencapsulated)	3ME water based	40.00 gal	1.25 qt	1.5 qt	2 qt	12.50	15.00	20.00
Warrant Ultra ¹⁵	Monsanto	-	-	acetochlor & fomesafen	2.83 + 0.64EC	58.00 gal	48 fl oz	-	48 fl oz	21.75	-	21.75
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	28.00 gal	0.67 pt	2 pt	3 pt	2.35	7.00	10.50
Weedmaster ^{4,4}	Nufarm	-	-	2,4-D-dea & dicamba-dea	2.87 + 1SL	30.00 gal	0.5 pt	2 pt	4 pt	1.90	7.50	15.00
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	40.00 gal	0.33 pt	0.67 pt	1.33 pt	1.65	3.35	6.65
WideMatch ^{4,4}	Dow	-	-	clopyralid-mea & fluroxypyr-mhe	0.75 + 0.75EC	80.00 gal	0.75 pt	1 pt	1.33 pt	7.50	10.00	13.30
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	105.00 gal	1.7 pt	-	1.7 pt	22.35	-	22.35
XtendiMax ⁴	Monsanto	Clarity	-	dicamba-dga salt + VaporGrip	2.9SL	- gal	22 fl oz	33 fl oz	44 fl oz	-	-	-
Yukon ^{4,2}	Gowan	-	-	dicamba-Na & halosulfuron-CH3	55 + 12.5 WDG	3.50 oz	4 oz	6 oz	8 oz	14.00	21.00	28.00
Zidua ¹⁵	BASF	-	-	pyroxasulfone	85WDG	9.00 oz	3 oz	4 oz	5 oz	27.00	36.00	40.00
Zidua Pro ^{2,14,15}	BASF	-	-	pyrox&saflufenacil&imazethapyr	0.48+2.28+1.33SC	450.00 gal	4.5 fl oz	-	4.5 fl oz	15.80	-	15.80
2,4-D Products ⁴		-	-	2,4-D								
2,4-D amine ⁴					3.8SL	20.00 gal	0.5 pt	2 pt	4 pt	1.25	5.00	10.00
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