

2012 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 ^{Mode of action-page 104}	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	5.00 lb	0.42 lb	0.56 lb	0.83 lb	2.10	2.80	4.15
Abundit Extra ⁹	Dupont	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.25	5.60	7.50
Accent Q ²	Dupont	Accent	nicosulfuron + isoxadifen safener	54.5DF	32.00 oz	0.67 oz	1.25 oz	1.8 oz	21.45	40.00	56.60
Acclaim Extra ¹	Bayer	Puma	fenoxaprop-P	0.57EC	- gal	13 fl oz	20 fl oz	28 fl oz	-	-	-
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 ^{1,1,1}	"	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
Adapt ²	MANA	Accent	nicosulfuron	75DF	11.00 oz	0.33 oz	0.5 oz	0.67 oz	3.65	5.50	7.40
Affinity BroadSpec ^{2,2} Dpt	-	-	thifensulfuron & tribenuron 1:1	25 + 25SG	12.00 oz	0.4 oz	0.6 oz	1 oz	4.80	7.20	12.00
Affinity TankMix ^{2,2} Dupnt	-	-	thifensulfuron & tribenuron 2:1	40 + 10SG	10.00 oz	0.6 oz	0.75 oz	1 oz	6.00	7.50	10.00
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	220.00 qt	1/2 fl oz	-	1 fl oz	3.45	-	6.90
Alion ²⁹	Bayer	-	indaziflam	1.67EC	12.50 fl oz	5 fl oz	5.75 fl oz	6.5 fl oz	62.50	71.90	81.25
Ally ²	Dupont	-	metsulfuron-methyl	60XP	15.00 oz	0.05 oz	0.1 oz	0.3 oz	0.75	1.50	4.50
Ally Extra SG ^{2,2,2}	Dupont	-	thifensulfuron&tribenuron&metsulfuron	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	- fl oz	5 fl oz	9 fl oz	13 fl oz	-	-	-
Anthem ATZ ^{5,14,15}	FMC	-	atra & fluthiacet & pyroxasulfone	- - + - -SC	- fl oz	1.25 pt	2.25 fl oz	3.25 pt	-	-	-
Arrow ¹	MANA	Select	clethodim	2EC	100.00 gal	4 fl oz	6 fl oz	8 fl oz	3.15	4.70	6.25
ArsenalPowerline ² BASF	-	-	imazapyr-ipa salt	2AS	110.00 gal	1 qt	2 qt	3 qt	27.50	55.00	82.50
Assert ²	Nufarm	-	imazamethabenz-methyl	2.5SL	90.00 gal	0.6 pt	1 pt	1.2 pt	6.75	11.25	13.50
Assure II ¹	Dupont	-	quizalofop-ethyl	0.88EC	145.00 gal	4 fl oz	8 fl oz	10 fl oz	4.55	9.10	11.35
Atrazine 4L ⁵	Several	-	atrazine	4F	16.00 gal	0.75 pt	1.5 pt	2 pt	1.50	3.00	4.00
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	2.75 fl oz	4 fl oz	5 fl oz	6 fl oz	4.00	13.75	16.50
Authority First ^{2,14}	FMC	Sonic	cloransulam & sulfentrazone	7.9 + 62.1WDG	4.60 oz	2.4 oz	3.2 oz	4 oz	11.10	14.75	18.40
Authority MTZ ^{5,14}	FMC	-	metribuzin & sulfentrazone	0.27 + 0.18WDG	19.00 lb	8 oz	10 oz	12 oz	9.50	11.90	14.25
Axial Star ^{4,1}	Syngenta	-	fluoroxypyr & pinoxiden & safnr	0.73 + 0.42EC	140.00 gal	16.4 fl oz	-	16.4 fl oz	17.95	-	17.95
Axial TBC ^{1,2}	Syngenta	-	pinox&floras&cloquint&Adigor adj	0.774 + 0.0645EC	660.00 case	8.5 fl oz	-	8.5 fl oz	16.50	-	16.50
Axial XL ¹	Syngenta	-	pinoxaden&cloquintocet safener	0.42EC	120.00 gal	16.4 fl oz	-	16.4 fl oz	15.40	-	15.40
Balance Flexx ²⁷	Bayer	-	isox & cyprosulfamide safener	2L	4.75 fl oz	3 fl oz	4.5 fl oz	6 fl oz	14.25	21.40	28.50
Banvel ⁴	Arysta	-	dicamba-dma salt	4SL	58.00 gal	2 fl oz	4 fl oz	8 fl oz	0.90	1.80	3.60
Barrage HF ⁴	Helena	-	2,4-D ethylhexyl-ester	4.7SL	40.00 gal	6 fl oz	9 fl oz	13 fl oz	1.88	3.75	4.06
Basagran ⁶	Arysta	-	bentazon-Na salt	4SL	100.00 gal	1 pt	1.5 pt	2 pt	12.50	18.25	25.00
Basis ^{2,2}	Dupont	-	rimsulfuron & thifensulfuron	50 + 25DF	20.00 oz	0.33 oz	0.67 oz	1 oz	6.60	13.40	20.00
Bayonet ³	Helena	Treflan	trifluralin	4EC	22.00 gal	1 pt	2 pt	4 pt	2.75	5.50	11.00
Beacon ²	Syngenta	-	primisulfuron-methyl	75DF	34.00 oz	0.38 oz	0.5 oz	0.76 oz	12.95	17.00	25.85
Betamix ^{5,5}	Bayer	-	desmedipham & phenmedipham	0.65 + 0.65EC	95.00 gal	4.62 pt	6 pt	7.7 pt	54.85	71.25	91.45
Beyond ²	BASF	Raptor	imazamox-NH ₄ salt	1SL	610.00 gal	2 fl oz	3 fl oz	4 fl oz	9.55	14.30	19.10
Bicep II Magnum ^{5,15}	Syngenta	-	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	58.00 gal	1.5 qt	1.9 qt	2.2 qt	21.75	27.55	31.90
Bison ^{6,4}	Winfield	Bronate	bromoxynil ester & MCPA ester	2 + 2EC	52.00 gal	0.75 pt	1 pt	1.5 pt	4.90	6.50	9.75
Bison Advanced ^{6,4}	"	Bron. Adv.	bromoxynil ester & MCPA ester	2.5 + 2.5EC	52.00 gal	0.8 pt	1.2 pt	1.6 pt	5.20	7.80	10.40
Boundary ^{15,5}	Syngenta	-	S-metolachlor & metribuzin	5.25 + 1.25L	88.00 gal	1.2 pt	1.5 pt	2.25 pt	13.20	16.50	24.75
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 safener	7.64EC	117.00 gal	1.33 pt	1.67 pt	2 pt	19.45	24.45	29.25
Brazen ^{4,4}	Nufarm	Redeem	clopyralid-tea & triclopyr-tea salt	0.75 + 2.25EC	100.00 gal	1.5 pt	2.5 pt	4 pt	18.75	31.25	50.00
Breakfree ¹⁵	Dupont	Surpass	acetochlor & dichlormid safener	6.4EC	60.00 gal	1.5 pt	2 pt	2.25 pt	11.25	15.00	16.90
Breakfree ATZ Lite ^{15,5}	"	Harness X	acetochlor & atrazine	4 + 1.5L	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-diethylamine salt	5.03L	36.00 gal	0.38 pt	0.75 pt	1.5 pt	1.70	3.40	6.75
BroadAxe ^{15,14}	FMC	-	S-metolachlor & sulfentrazone	6.3 + 0.7SC	- gal	17 fl oz	25 fl oz	35 fl oz	-	-	-
Broclean ⁶	Loveland	Buctril	bromoxynil-ester	2EC	60.00 gal	1 pt	1.5 pt	2 pt	7.50	11.25	15.00
Bromac ^{6,4}	Loveland	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	40.00 gal	0.75 pt	1 pt	1.5 pt	3.75	5.00	7.50
Bromac Advanced ^{6,4} Lvid	Bron. Adv.	-	bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	51.00 gal	0.8 pt	1.2 pt	1.6 pt	5.00	7.50	10.00
Bromox MCPA ^{6,4} Albgh	Bronate	-	bromoxynil-ester & MCPA-ester	2 + 2EC	45.00 gal	0.75 pt	1 pt	1.5 pt	4.25	5.65	8.45

Product ^{Mode of action-page 104}	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A			
					Low	Med	High	Low	Med	High	
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	0.75 pt	1 pt	1.5 pt	4.70	6.25	9.40
Brox M Ultra ^{6,4}	Albaugh	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
Buccaneer/Plus ⁹	Tenkzo	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Buckle ^{8,3}	Gowan	-	triallate & trifluralin	10 + 3G	1.45 lb	10 lb	11 lb	12.7 lb	14.50	15.95	18.40
Buctril ⁶	Bayer	-	bromoxynil-ester	2EC	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.15	17.50
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	340.00 qt	0.4 fl oz	0.65 fl oz	0.9 fl oz	4.25	6.90	9.60
Callisto ²⁷	Syngenta	-	mesotrione	4SE	630.00 gal	2 fl oz	2.5 fl oz	3 fl oz	9.85	12.30	14.75
Callisto Xtra ^{27,5}	Syngenta	-	mesotrione & atrazine	0.5 + 3.2L	82.00 gal	20 fl oz	22 fl oz	24 fl oz	12.85	14.10	15.40
Camix ^{27,15}	Syngenta	-	mesotrione & S-metolachlor	0.334 + 3.34L	- gal	0.8 qt	1.2 qt	1.6 qt	-	-	-
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 ³	WECO	Olympus	propoxycarbazone-Na salt	70WDG	13.00 oz	0.4 oz	0.5 oz	0.6 oz	5.20	6.50	7.80
Capreno ^{27,3}	Bayer	-	tembo & thienecarbazone & isox	2.88 + 0.57SC	6.00 fl oz	2 fl oz	2.5 fl oz	3 fl oz	12.00	15.00	18.00
Casoron 4G	Uniroyal	-	dichlobenil	4G	2.50 lb	100 lb	150 lb	200 lb	250	376	500
Casoron 10G	Uniroyal	-	dichlobenil	10G	6.25 lb	40 lb	60 lb	80 lb	250	375	500
Certainty ²	Monsanto	Maverick	sulfosulfuron	75DF	120.00 oz	0.5 oz	-	0.75 oz	60.00	-	90.00
Chaparral ^{4,2}	Dow	-	aminopyralid-K salt+ metsulfuron	52.5 + 9.45DF	88.00 lb	1 oz	2 oz	3 oz	5.50	11.00	16.50
Charger Basic ¹⁵	Winfield	Dual Mag.	S-metolachlor	7.62EC	110.00 gal	1.33 pt	1.67 pt	2 pt	18.30	23.00	27.50
Charger Max ¹⁵	Winfield	Dual II M	S-metolachlor & benoxacor safen	7.64EC	120.00 gal	1.33 pt	1.67 pt	2 pt	20.00	25.10	30.00
Chateau ¹⁴	Valent	Valor	flumioxazin	51WDG	7.20 oz	1.5 oz	2 oz	2.5 oz	10.90	14.40	18.00
Chlorsulf E-Pro ²	Nufarm	Telar	chlorsulfuron	75DF	- oz	½ oz	1 oz	3 oz	-	-	-
ChlorsulfuronAG ²	Nufarm	Glean	chlorsulfuron	75DF	- oz	1/6 oz	-	1/3 oz	-	-	-
Chlorsulfuron+MSM ^{2,2}	"	Finesse	chlorsulfuron & metsulfuron-CH ₃	62.5 + 12.5DF	- oz	0.2 oz	0.25 oz	0.3 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 Max ^{2,4,4}	Dupont	-	Ally+Weed Master (2,4-D & dica)	60DF + 2.87 & 1SL	120.00 case	.25oz+1	0.5+2pt	1oz+4pt	3.15	5.25	12.50
Cimarron Plus ^{2,2}	Dupont	-	chlorsulfuron & metsulfuron	15 + 48DF	14.00 oz	0.25 oz	0.375 oz	0.625 oz	3.50	5.25	8.75
Cimarron X-tra ^{2,2}	Dupont	-	chlorsulfuron & metsulfuron	37.5 + 30DF	17.00 oz	0.5 oz	1 oz	2 oz	8.50	17.00	34.00
Cinch ¹⁴	Dupont	Dual II M	S-metolachlor & benoxacor safen	7.64EC	120.00 gal	1.33 pt	1.67 pt	2 pt	19.95	25.05	30.00
Cinch ATZ Lite ^{5,14}	Dupont	Bicep II L	atrazine & S-metolachlor	2.67 + 3.23L	58.00 gal	1 qt	1.5 qt	1.9 qt	14.50	21.75	27.55
Clarity ⁴	BASF	-	dicamba-dga salt	4SL	110.00 gal	2 fl oz	4 fl oz	8 fl oz	1.70	3.45	6.90
Clash ⁴	Nufarm	Clarity	dicamba-dga salt	4SL	38.00 gal	2 fl oz	4 fl oz	8 fl oz	0.60	1.20	2.40
Classic ²	Dupont	-	chlorimuron	25DF	16.00 oz	0.25 oz	0.33 oz	0.5 oz	4.00	5.30	8.00
Clean Slate ⁴	Nufarm	Stinger	clopyralid-monoethanolamine salt	3SL	230.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	2.35	4.70	7.20
Cleansweep D ^{4,4,6}	Nufarm	-	fluroxypyr-e & 2,4-D-e & bromox	0.64 + 1.6 + 2EC	65.00 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
CleanWave ^{4,4}	Dow	-	aminopyralid & fluroxypyr	0.08 + 1.12EC	65.00 gal	10 fl oz	12 fl oz	14 fl oz	5.10	6.10	7.10
ClearMax ^{2,4}	BASF	-	imazamox / MCPA-ester copack	1SL / 3.7EC	185.00 gal	12 fl oz	16 fl oz	18 fl oz	17.85	23.15	26.00
Clethodim ¹	Albaugh	Select	clethodim	2EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.65	7.50
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	180.00 gal	6 fl oz	8 fl oz	12.8 fl oz	8.45	11.25	18.00
Colt ^{4,4}	Loveland	WideMatch	clopyralid-MEAsalt & fluroxypyr-e	0.75 + 0.75EC	60.00 gal	1 pt	1.25 pt	1.33 pt	7.50	9.40	10.00
Colt & Salvo ^{4,4}	Loveland	-	fluroxypyr-ester & 2,4-D-ester	0.75 + 3EC	55.00 gal	1 pt	1.33 pt	1.67 pt	6.90	9.15	11.50
Colt & Sword ^{4,4}	Loveland	-	fluroxypyr-ester & MCPA-ester	0.71 + 2.84EC	55.00 gal	1.125 pt	1.5 pt	2 pt	7.75	10.30	13.75
Comet ⁴	Nufarm	Starane	fluroxypyr-ester	1.5EC	60.00 gal	0.5 pt	0.67 pt	1 pt	3.75	5.05	7.50
Commit ¹⁵	Winfield	Outlook	dimethenamid-P	6EC	175.00 gal	10 fl oz	14 fl oz	18 fl oz	13.70	19.15	24.60
Confidence ¹⁵	Winfield	Harness	acetochlor & safener	7EC	95.00 gal	1.25 pt	1.75 pt	2.25 pt	14.85	20.80	26.75
Confidence Xtra ^{15,5}	"	Harness X	acet & dichlormid & atra	4.3 + 1.7F	65.00 gal	1.2 qt	1.5 qt	1.8 qt	19.50	24.40	29.25
Cornerstone/Plus ¹⁵	"	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&thienecarbazone&cyprosulf	2.63SC	5.50 fl oz	3.3 fl oz	4.5 fl oz	5.6 fl oz	18.15	24.75	30.80
Credit 41/Extra ⁹	Nufarm	-	glyt-ipa salt	3SL	14.00 gal	2 pt	3 pt	4 pt	3.50	5.25	7.00
Credit Xtreme ⁹	Nufarm	-	glyphosate-ipa & glyt-K salt	2.5 + 2 SL	16.50 gal	11 fl oz	22 fl oz	32 fl oz	1.45	2.85	4.25
Crossbow ^{4,4}	Dow/UAP	-	triclopyr-bee & 2,4-D-bee	1 + 2SL	70.00 gal	1 qt	3 qt	6 qt	17.50	52.50	105.00
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
Curio ²	Nufarm	Classic	chlorimuron	25DF	- oz	0.25 oz	0.33 oz	0.5 oz	-	-	-
Curtail ^{4,4}	Dow	-	clopyralid-mea & 2,4-D-3ipa salt	0.38 + 2SL	50.00 gal	2 pt	2.67 pt	4 pt	12.50	16.70	25.00
Curtail M ^{4,4}	Dow	-	clopyralid-acid & MCPAioester	0.42 + 2.35SL	55.00 gal	1.75 pt	2 pt	2.33 pt	12.10	13.75	16.05
Dacthall	Amvac	-	DCPA	6F	150.00 gal	8 pt	10 pt	14 pt	150	188	263
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

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Degree ¹⁵	Monsanto	Harness	acetochlor - encapsulated	3.8ME	55.00 gal	3 pt	4 pt	4.25 pt	20.65	27.50	29.25
Degree Xtra ^{15,5}	Monsanto	Harness X	acetochlor & atrazine	2.7 + 1.34ME	40.00 gal	2 qt	3 qt	3.7 qt	20.00	30.00	37.00
Des-i-cate II	UPI	-	endothal	2SL	50.00 gal	1.5 qt	-	2 qt	18.75	-	25.00
Diablo ⁴	Nufarm	Banvel	dicamba-dma salt	4SL	39.00 gal	2 fl oz	4 fl oz	8 fl oz	0.60	1.25	2.45
Dicamba ⁴	Albaugh	Banvel	dicamba-dma salt	4SL	60.00 gal	2 fl oz	4 fl oz	8 fl oz	0.95	1.90	3.75
Diligent ^{2,2,14}	Dupont	-	chlorimuron&rimsulf&flumioxazin	6.31+6.31+25.25DF	- oz	4 oz	-	4 oz	-	-	-
Dimetric ⁵	Winfield	Sencor	metribuzin	75DF	16.00 lb	0.25 lb	0.33 lb	0.5 lb	4.00	5.30	8.00
Discover NG ¹	Syngenta	-	clodinafop & oil adjuvant	0.5EC	160.00 gal	12.8 floz	14.5 floz	16 fl oz	16.00	18.15	20.00
Diquat E-Ag 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	6.00 lb	0.75 lb	2 lb	6 lb	4.50	12.00	36.00
DoubleUp B+G ^{6,4}	Helena	-	bromoxynil-ester & 2,4-D-ester	2 + 1.9EC	53.00 gal	0.5 pt	0.75 pt	1 pt	3.31	4.97	6.63
Domain ^{15,5}	Rosens	-	flufenacet & metribuzin	24 + 36WDG	0.95 oz	9 oz	12 oz	14 oz	8.55	11.40	13.30
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	120.00 gal	1.33 pt	1.67 pt	2 pt	19.95	25.05	30.00
Duramax ⁹	Dow	Rodeo	glyphosate-dma salt	4SL	30.00 gal	12 fl oz	24 fl oz	48 fl oz	2.80	5.70	11.25
Durango DMA ⁹	Dow	-	glyphosate-dma salt	4SL	25.00 gal	12 fl oz	24 fl oz	48 fl oz	2.35	4.20	9.40
E-99 ⁴	Winfield	-	2,4-D-beester	6.1EC	34.00 gal	0.33 pt	0.67 pt	1.33 pt	1.40	2.85	5.65
Edition B-Spec ^{1,1}	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 ^{1,1}	"	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	5.15 oz	2 oz	2.5 oz	3 oz	10.30	12.90	15.45
Enlite ^{2,2,14}	Dupont	-	chlorimuron&thifen&flumioxazin	2.85+8.8+36.21DF	5.60 oz	1.4 oz	2.1 oz	2.8 oz	7.00	10.50	14.00
Epic ^{15,27}	Rosens	-	flufenacet & isoxaflutole	48 + 10DF	2.50 oz	5 oz	6 oz	8 oz	12.25	15.00	20.00
Eptam ⁸	Gowan	-	EPTC	7EC	50.00 gal	2.3 pt	4 pt	6.75 pt	14.40	25.00	42.20
Escort ²	Dupont	Ally	metsulfuron-methyl	60XP	11.00 oz	0.33 oz	1 oz	2 oz	3.65	11.00	22.00
Establish ¹⁵	Tenkoz	Outlook	dimethenamid	6EC	170.00 gal	16 fl oz	18 fl oz	21 fl oz	21.25	23.90	27.90
Ethotron ¹⁶	UPI	Nortron	ethofumesate	4EC	85.00 gal	6 pt	7 pt	7.5 pt	63.75	74.40	79.70
Everest 2.0 ²	Arysta	-	flucarbazone-Na salt & safener	3.5SC	17.30 fl oz	0.5 fl oz	0.75 fl oz	1 fl oz	8.65	13.00	17.30
Expert ^{15,5,9}	Syngenta	-	S-met & atra & glyt-ipa salt	1.74 + 2.14 + 0.75SC	40.00 gal	2.5 qt	3 qt	3.75 qt	25.00	30.00	37.50
Express SG ²	Dupont	-	tribenuron-methyl	50SG	19.00 oz	1/4 oz	1/3 oz	1/2 oz	4.75	6.30	9.50
Extra Credit ⁹	Nufarm	-	glyphosate-ipa salt	3.75SL	18.00 gal	1.6 pt	2.4 pt	3.2 pt	3.60	5.40	7.20
Extreme ^{2,9}	BASF	-	imazethapyr-acid & glyt-ipa salt	0.17 + 2SL	28.00 gal	1.5 pt	2.25 pt	3 pt	5.25	7.90	10.50
Fallow Star ^{9,4}	Albaugh	Fallow Mst	glyt-ipa & dicamba-ipa salt	1.1 + 0.5SL	15.00 gal	22 fl oz	32 fl oz	44 fl oz	2.60	3.75	5.15
Far-Go EC ⁸	Gowan	-	trilalate	4EC	55.00 gal	1 qt	1.25 qt	1.5 qt	13.75	17.20	20.65
Fierce ^{14,15}	Valent	-	flumioxazin + pyroxasulfone	33.5 + 42.5WDG	- oz	3 oz	3.75 oz	4.5 oz	-	-	-
Finesse ^{1,1}	Dupont	-	chlorsulfuron & metsulfuron-CH ₃	62.5 + 12.5DF	18.00 oz	0.2 oz	0.25 oz	0.3 oz	3.60	4.50	5.40
Finesse G&B ^{2,2}	Dupont	-	chlorsulf & flucarbazone-Na salt	25 + 46.7DF	20.00 oz	0.6 oz	0.72 oz	0.9 oz	12.00	14.40	18.00
Firestorm ²²	Chemtura	Paraquat	paraquat-dichloride	3SL	32.00 gal	2 pt	3 pt	4 pt	8.00	12.00	16.00
FirstRate ²	Dow	-	cloransulam-methyl	84WDG	35.00 oz	0.3 oz	0.6 oz	0.75	10.50	21.00	26.25
FirstStep ^{2,9}	Dow	-	florasulam + glyphosate-dma salt	0.42 / 4 Co-pack	260.00 case	1.34 oz+13.5 fl oz / 40 A/case				6.50	
Flexstar ¹⁴	Syngenta	-	fomesafen-Na salt & adjuvants	1.88EC	125.00 gal	0.5 pt	0.75 pt	1 pt	7.80	11.75	15.65
Flexstar GT 3.5 ^{14,9}	Syng	-	fomesafen & glyt & adjuvants	0.56 + 2.26SL	38.00 gal	1.75 pt	-	2.68 pt	8.35	-	12.75
Fomesafen 1.88 ¹⁴	Solera	Flexstar	fomesafen-Na salt & adjuvants	1.88EC	125.00 gal	0.5 pt	0.75 pt	1 pt	7.80	11.75	15.65
Fomesafen1.88	Willowd	Flexstar	fomesafen-Na salt & adjuvants	1.88EC	125.00 gal	0.5 pt	0.75 pt	1 pt	7.80	11.75	15.65
Fomesafen 2 ¹⁴	Solera	Reflex	fomesafen-Na salt	2EC	120.00 gal	0.5 pt	0.75 pt	1 pt	7.50	11.25	15.00
Fomesafen 2	Willowood	Reflex	fomesafen-Na salt	2EC	120.00 gal	0.5 pt	0.75 pt	1 pt	7.50	11.25	15.00
Forefront R&P ^{4,4}	Dow	-	aminopyralid-3ipNH ₄ & 2,4-D	0.33 + 2.67EC	60.00 gal	1.5 pt	2 pt	2.6 pt	11.25	15.00	19.50
Framework ³	Winfield	Prowl	pendimethalin	3.3EC	35.00 gal	2.4 pt	3 pt	3.64 pt	10.50	13.15	16.00
Freestyle ^{2,2,2}	Dupont	-	chlorimuron & thifensulf & triben	12.5+18.75+18.75DF	- oz	0.66 oz	-	0.66 oz	-	-	-
Frequency ²⁷	BASF	Impact	topramezone	2.8SC	10.00 oz	1 oz	2 oz	4 oz	10.00	20.00	40.00
FulTime ^{15,5}	Dow	-	acetochlor & atrazine	2.4 ME + 1.6L	38.00 gal	2.5 qt	2.7 qt	3 qt	23.75	25.65	28.50
Fusilade DX ¹	Syngenta	-	fluzafop-P butyl	2EC	175.00 gal	6 fl oz	10 fl oz	12 fl oz	8.20	13.70	16.40
Fusion ^{1,1}	Syngenta	-	fluzafop-P & fenoxaprop	2 + 0.66EC	200.00 gal	6 fl oz	10 fl oz	12 fl oz	9.40	15.65	18.75
Gangster ^{14,2}	Valent	-	Copack:flumioxazin&cloransulm	51WDG / 84WDG	700.00 cont	1.8 oz	2.4 oz	3 oz	14.56	19.50	24.30
Garlon 4 Ultra ⁴	Dow	-	triclopyr-ester	4EC	100.00 gal	1 qt	2 qt	4 qt	25.00	50.00	100.00
Glean ²	Dupont	-	chlorsulfuron	75DF	20.00 oz	1/6 oz	-	1/3 oz	3.33	-	6.66
Glory ⁵	MANA	Sencor	metribuzin	75DF	16.00 lb	0.25 lb	0.33 lb	0.5 lb	4.00	5.30	8.00
Gly-N-Go ⁹	MEY	Roundup	glyphosate-acid + adjuvant	95 to 97%SG	- case	0.75 lb ai	1 lb ai	1.5 lb ai	-	-	-
Glyfos/X-tra ⁹	Cheminva	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Glyphogan/Plus ⁹	MANA	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
GlyStar 5/Extra ⁹	Albaugh	Rodeo	glyphosate-ipa salt	4SL	18.00 gal	1.5 pt	2 pt	2.5 pt	3.40	4.50	5.65
GlyStar Gold ⁹	"	Roundup	glyphosate-ipa salt	3SL	13.00 gal	2 pt	3 pt	4 pt	3.25	5.00	6.50
GlyStar Original ⁹	"	Roundup	glyphosate-ipa salt	3SL	12.00 gal	2 pt	3 pt	4 pt	3.00	4.50	6.00

Product ^{Mode of action-page 104}	Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
GlyStar Plus ⁹	"	Roundup	glyphosate-ipa salt	3SL	12.00 gal	2 pt	3 pt	4 pt	3.00	4.50	6.00
G-Max Lite ^{5,15}	BASF	Guardsmn	atrazine & dimethenamid-P	2.75 + 2.25L	75.00 gal	1.5 pt	2 pt	2.5 pt	14.10	18.75	23.45
Goal ¹⁴	Dow	-	oxyfluorfen	2EC	98.00 gal	4 pt	6 pt	8 pt	45.00	67.50	90.00
GoldSky ^{27,2,4}	Dow	-	pyrox&floras&flurox&cloquintocet	0.11+0.018+0.71OD	125.00 gal	1 pt	-	1 pt	15.65	-	15.65
Gramoxone Inteon ²²	"	Paraquat	paraquat-dichloride	2SL	34.00 gal	1.3 pt	2 pt	2.7 pt	5.55	8.50	11.50
Gramoxone SL ²²	"	Paraquat	paraquat-dichloride	2SL	34.00 gal	1.3 pt	2 pt	2.7 pt	5.55	8.50	11.50
GrazonNext ^{4,4}	Dow	-	aminopyralid-3ipa + 2,4-D-3ipa	0.33 + 2.67SL	36.00 gal	1.5 pt	2 pt	2.6 pt	6.75	9.00	11.70
Grazon P+D ^{4,4}	Dow	-	picloram-3ipa & 2,4-D-3ipa	0.54 + 2 S	40.00 gal	2 qt	3 qt	4 qt	20.00	30.00	40.00
GuardsmanMax ^{5,15}	BASF	-	atrazine & dimethenamid-P	3.3 + 1.7L	60.00 gal	2.8 pt	3.6 pt	4.2 pt	21.00	27.00	31.50
Gun Slinger ^{4,4}	Albaugh	Grazon	picloram-3ipamine&2,4-D-3ipa	0.54 + 2 S	30.00 gal	2 qt	3 qt	4 qt	15.00	22.50	30.00
Habitat ²	BASF	Arsenal	imazapyr-ipa salt	2SL	125.00 gal	1 qt	2 qt	3 qt	31.25	62.50	93.75
Halex GT ^{27,9,15}	Syngenta	-	mesotrione & glyt-K & S-meto	4.39 SC (1:10:10)	52.00 gal	2 pt	2.6 pt	3.6 pt	13.00	16.90	23.40
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	35.00 oz	0.3 oz	0.45 oz	0.7 oz	10.50	15.75	24.50
Harness ¹⁵	Monsanto	-	acetochlor & dichlormid safener	7EC	100.00 gal	1.25 pt	1.75 pt	2.25 pt	15.65	21.90	28.15
Harness Xtra ^{15,5}	Monsnt	-	acet & dichlormid & atrazine	4.3 + 1.7F	65.00 gal	1.2 qt	1.5 qt	1.8 qt	19.50	24.40	29.25
Harness Xtra 5.6L ^{15,5}	"	-	acet & dichlormid & atrazine	3.1 + 2.5F	50.00 gal	1.5 qt	1.7 qt	2.3 qt	18.75	21.25	28.75
Hat Trick ^{4,4,4}	Loveland	-	clop-mea&fluroxy-mhe&MCPAe	0.51 + 0.51 + 1.8EC	55.00 gal	1 pt	1.5 pt	2 pt	6.90	10.30	13.75
Helosate 70 ⁹	Helm Ag	-	glyphosate-ipa salt	5SL	20.00 gal	10 fl oz	20 fl oz	40 fl oz	1.60	3.15	6.25
Helosate Plus ⁹	Helm Ag	Roundup	glyphosate-ipa salt	3SL	12.00 gal	2 pt	3 pt	4 pt	3.00	4.50	6.00
Hornet ^{2,4}	Dow	-	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	95.00 gal	11 fl oz	12.8 fl oz	13.5 fl oz	8.15	9.50	10.00
Huskie Complete ^{2,6,27}	"	-	brom&pyrasulf&thiensulf&mfnp	- + - + - EC	- gal	13.7 fl oz	-	13.7 fl oz	-	-	-
Hydrothol 191	UPI	Herb. 273	endothall	G	5.00 lb	-	-	-	-	-	-
Hyvar X-L	Dupont	-	bromacil	2L	100.00 gal	1.5 gal	3 gal	6 gal	150	300	600
Ignite 280 ¹⁰	Bayer	-	glufosinate-NH ₄ salt	2.34SL	58.00 gal	11 fl oz	22 fl oz	33 fl oz	5.00	10.00	15.00
Impact ²⁷	Amvac	-	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
Imperium ⁸	Gowan	Eradicane	acetochlor & safener & EPTC	1.4 + 5.6EC	25.00 gal	4.5 pt	6 pt	7 pt	14.10	18.75	21.90
Impose ²	MANA	Plateau	imazapic-NH ₄ salt	2SL	425.00 gal	4 fl oz	8 fl oz	12 fl oz	13.38	26.60	39.85
Instigate ^{2,2,27}	Dupont	-	chlorimuron&rimsulf&mesotrione	4.7 + 4.7 + 31.2DF	- oz	6.9 oz	-	6.9 oz	-	-	-
Intensity ¹	Loveland	Select	clethodim	2EC	100.00 gal	4 fl oz	6 fl oz	8 fl oz	3.15	4.70	6.25
Intensity One ¹	Loveland	Select Max	clethodim	1EC	125.00 gal	6 fl oz	8 fl oz	12 fl oz	6.85	7.80	11.70
Intro ¹⁵	Monsanto	Lasso	alachlor	4EC	30.00 gal	2 qt	2.5 qt	3 qt	15.00	17.50	20.00
Ironclad ^{2,2}	MANA	Steadfast	nicosulfuron & rimsulfuron	50 + 25DF	20.00 oz	0.5 oz	0.6 oz	0.75 oz	10.00	13.60	15.00
Journey ^{2,9}	BASF	-	imazapic-acid & glyt-ipa salt	2.25SL	130.00 gal	10.7 fl oz	21.3 fl oz	32 fl oz	10.90	21.65	32.50
Karmex ⁷	MANA	Diuron	diuron	80XP	8.00 lb	2 lb	6 lb	8 lb	16.00	48.00	64.00
Keystone LA ^{15,5}	Dow	Harness	acetochlor & atrazine	4 + 1.5L	60.00 gal	1.33 qt	1.5 qt	1.8 qt	19.95	22.50	27.00
Krovat I ^{6,7}	Dupont	-	bromacil & diuron	40 + 40DF	14.00 lb	6 lb	12 lb	16 lb	84.00	168.00	224.00
Landmaster BW ^{9,4}	Albgh	-	glyphosate-ipa & 2,4-D-ipa salt	0.9 + 1.5SL	15.00 gal	27 fl oz	40 fl oz	54 fl oz	3.15	4.70	6.35
Latigo ^{4,4}	Helena	Weedmstr	dicamba-acid & 2,4-D-acid	1.8 + 2.4 SL	62.00 gal	0.33 pt	0.67 pt	1 pt	2.55	5.15	7.75
Laudis ²⁷	Bayer	-	tembotrione & isoxadifen safener	3.5 + 1.75SC	5.00 fl oz	2 fl oz	2.5 fl oz	3 fl oz	10.00	12.50	15.00
Lightning ^{2,2}	BASF	-	imazethapyr-acid & imazapyr	52.5 + 17.5WDG	15.00 oz	0.75 oz	1.00 oz	1.28 oz	11.25	15.00	19.20
Lorox ⁷	TKI	-	linuron	50DF	20.00 lb	1 lb	3 lb	6 lb	20.00	60.00	120.00
Lumax ^{5,27,15}	Syngenta	-	atrazine & mesotrione & S-metol	1 + 0.268 + 2.68SE	65.00 gal	1 pt	2 pt	3 pt	8.15	16.25	24.40
Mad Dog/Plus ⁹	Loveland	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Maestro 2EC ⁶	Nufarm	Buctril	bromoxynil-ester	2EC	32.00 gal	1 pt	1.5 pt	2 pt	4.00	6.00	8.00
Maestro 4EC ⁶	Nufarm	Buctril	bromoxynil-ester	4EC	64.00 gal	0.5 pt	0.75 pt	1 pt	4.00	6.00	8.00
Maestro Adv. ^{6,4}	Nufarm	Bron. Adv.	bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	40.00 gal	0.8 pt	1.2 pt	1.6 pt	4.00	6.00	8.00
Maestro D ^{6,4}	Nufarm	-	bromoxynil-ester & 2,4-D-ester	2 + 1.9EC	34.00 gal	0.75 pt	1.33 pt	2 pt	3.20	5.65	8.50
Maestro MA ^{6,4}	Nufarm	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	34.00 gal	0.75 pt	1 pt	1.5 pt	3.15	4.25	6.30
Makaze ⁹	Loveland	Roundup	glyphosate-ipa salt	3SL	15.00 gal	2 pt	3 pt	4 pt	3.75	5.65	7.50
Makaze Yield Pro ⁹	LvInd	-	glyphosate-ipa salt+IBA+cytokinin	3+0.005+0.0009SL	25.00 gal	1 pt	2 pt	3 pt	3.15	6.25	9.40
Matador ^{15,5,2}	CPS	-	metochlr & metrib & imazethapyr	4 + 0.56 + 0.13SL	40.50 gal	2 pt	3 pt	4 pt	10.15	15.20	20.25
Matrix ²	Dupont	-	rimsulfuron	25DF	18.00 oz	1 oz	-	1.5 oz	18.00	-	27.60
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	Several	-	MCPA-amine	4SL	22.00 gal	0.4 pt	1 pt	2 pt	1.10	2.75	5.50
MCPA ester ⁴	Several	-	MCPA-ester	4EC	24.00 gal	0.5 pt	1 pt	2 pt	1.50	3.00	6.00
Metribuzin ⁵	CPS/ MANA	Sencor	metribuzin	75DF	16.00 lb	0.25 lb	0.33 lb	0.5 lb	4.00	5.30	8.00
Metsulfuron ²	Arysta	Ally	metsulfuron-methyl	60XP	16.50 oz	0.05 oz	0.1 oz	0.3 oz	0.85	1.65	4.95
Milestone / VM ⁴	Dow	-	aminopyralid-3ipNH ₄ salt	2SL	350.00 gal	3 fl oz	5 fl oz	7 fl oz	8.20	13.70	19.15
Milestone VM Plus ⁴	Dow	-	aminopyralid-3ipNH ₄ & triclopyr	0.1 + 1SL	45.00 gal	4 pt	5 pt	6 pt	22.50	28.15	33.75
Moxy ⁶	Winfield	Buctril	bromoxynil-ester	2EC	70.00 gal	1 pt	1.5 pt	2 pt	8.75	13.10	17.50

Product ^{Mode of action-page 104}	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	145.00 gal	12.8 fl oz	14.5 fl oz	16 fl oz	14.50	16.45	17.50
Nic-It ²	Cheminova	Accent	nicosulfuron	2L	3.00 fl oz	1 fl oz	1.5 fl oz	2 fl oz	3.00	4.50	6.00
Nimble 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
NorthStar ^{4,2}	Syngenta	-	dicamba-Na & primisulfuron	39.9 + 7.5WDG	2.50 oz	5 oz	-	5 oz	12.50	-	12.50
Norton SC ¹⁶	Bayer	-	ethofumesate	4EC	95.00 gal	6 pt	7 pt	7.5 pt	71.25	83.15	89.10
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	13.00 oz	0.4 oz	0.5 oz	0.6 oz	5.20	6.50	7.80
OpTill ^{14,2}	BASF	-	saflufenacil & imazamox	0.178 + 0.5SC	6.50 oz	1 fl oz	1.5 fl oz	2 fl oz	6.50	9.75	13.00
Option ²	Bayer	-	foramsulfuron & isoxadifen safen	35DF + 35DF	10.50 oz	1.25 oz	1.33 oz	1.5 oz	13.15	14.00	15.75
Orion ^{2,4}	Syngenta	-	florasulam & MCPA-ehe	0.033 + 2.34EC	275.00 case	17 fl oz - 40 A/case			6.90		
Osprey ²	Bayer	Silverado	mesosulfuron-methyl	4.5WDG	3.00 oz	3.2 oz	4 oz	4.75 oz	9.60	12.00	14.25
Oust ²	Dupont	-	sulfometuron-methyl	75XP	5.00 oz	2 oz	6 oz	8 oz	10.00	30.00	40.00
Oust Extra ^{2,2}	Dupont	-	sulfometuron & metsulfuron	56.25 + 15DF	5.00 oz	3 oz	4 oz	5 oz	15.00	20.00	25.00
Outlaw ^{4,4}	Helena	Weedmstr	2,4-D-ehe & dicamba-acid	1.45 + 1.09SL	40.00 gal	1.5 pt	1.75 pt	2.75 pt	7.50	8.75	13.75
Outlook ¹⁵	BASF	-	dimethenamid-P	6EC	185.00 gal	10 fl oz	14 fl oz	18 fl oz	14.45	20.25	26.00
Outrider ²	Monsanto	Maverick	sulfosulfuron	75DF	- oz	0.75 oz	1.33 oz	2 oz	-	-	-
Overdrive ^{4,19}	BASF	Distinct	dicamba-Na & diflufenzopyr-Na	50 + 20WDG	3.25 oz	4 oz	6 oz	8 oz	13.00	19.50	26.00
Oversight ^{4,2}	Dow	-	aminopyralid-K & metsulfuron	0.62 + 0.095WDG	90.00 lb	1 oz	2 oz	3.3 oz	5.65	11.25	18.60
Pace ^{2,9}	Syngenta	-	flucarbazone + glyphosate	-	-	-	-	-	-	-	-
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
Paramount ^{4,26}	BASF	-	quinclorac	75DF	3.75 oz	5.3 oz	6.5 oz	8 oz	19.90	24.40	30.00
Parazone ²²	MANA	Paraquat	paraquat-dichloride	3SL	40.00 gal	2 pt	3 pt	4 pt	10.00	15.00	20.00
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
Pathway ^{4,4}	Dow	-	picloram-triipa & 2,4-D-triipa salt	3% + 11.2%SL	40.00 gal	2 gal	3 gal	4 gal	80.00	120.00	160.00
Patriot ²	Nufarm	Escort	metsulfuron-methyl	60DF	4.15 oz	0.33 oz	1 oz	2 oz	1.40	4.15	8.35
Payload ¹⁴	Valent	Valor	flumioxazin	51WDG	- oz	2 oz	2.5 oz	3 oz	-	-	-
Peak ²	Syngenta	-	prosulfuron	57DF	15.00 oz	0.25 oz	0.38 oz	0.5 oz	3.75	5.70	7.50
Permit ²	Gowan	-	halosulfuron-methyl	75DF	20.00 oz	0.67 oz	1 oz	1.33 oz	13.40	20.00	26.60
Perspective ^{4,2}	Dupont	-	aminocyclopyrachlor+chlorsulf	39.5 + 15.8DF	5.00 oz	3 oz	4.75 oz	8 oz	15.00	23.75	40.00
Phen-Des 8+8 ^{5,5}	UPI	Betamix	desmedipham & phenmedipham	0.65 + 0.65EC	85.00 gal	4.62 pt	6 pt	7.7 pt	49.10	63.75	81.80
Phenoxy 088 ⁴	Winfield	-	2,4-D-bee	2.8EC	22.00 gal	1 pt	1.5 pt	2 pt	2.75	4.15	5.50
Phoenix ¹⁴	Valent	-	lactofen & adjuvants	2EC	180.00 gal	6 fl oz	8 fl oz	12.8 fl oz	8.45	11.25	18.00
Plainview ⁴	Dupont	-	aminocyclopyrachlor + SU	- DF	- oz	- oz	- oz	- oz	-	-	-
Plateau ²	BASF	-	imazapic-NH ₄ salt	2SL	165.00 gal	4 fl oz	8 fl oz	12 fl oz	5.15	10.30	15.50
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	4.50 oz	0.05 oz	0.1 oz	0.3 oz	0.25	0.45	1.35
Poast ¹	BASF	-	sethoxydim	1.5EC	82.00 gal	0.5 pt	1 pt	1.5 pt	5.15	10.25	15.40
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 ²	Dow	-	pyroxsulam+cloquintocet safener	7.5WDG	3.15 oz	3.5 oz	-	3.5 oz	11.00	-	11.00
Powerplay ^{15,8}	Drexel	Eradicane	acetochlor & safener & EPTC	1.4 + 5.6EC	33.00 gal	4.5 pt	6 pt	7 pt	18.55	24.75	28.90
Pramitol EC	Several	-	prometon	25EC	35.00 gal	5 gal	7.5 gal	10 gal	175	263	350
Pramitol 5S	Several	-	prometon	5PS	2.50 lb	150 lb	200 lb	400 lb	375	500	1000
Prefix ^{15,14}	Syngenta	-	S-metolachlor & fomesafen	4.34 + 0.95EC	55.00 gal	1 pt	1.5 pt	2 pt	6.90	10.30	13.75
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	7.80 oz	1.66 oz	2 oz	2.5 oz	12.95	15.60	19.50
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
Priority ^{14,2}	Tenkoz	-	carfentrazone & halosulfuron	12.5 + 50WDG	6.00 oz	0.5 oz	-	1 oz	3.00	-	6.00
Propel ¹⁵	Rosens	Outlook	dimethenamid-P	6EC	170.00 gal	10 fl oz	14 fl oz	18 fl oz	13.30	18.60	23.90
Prowl ³	BASF	-	pendimethalin	3.3EC	40.00 gal	2.4 pt	3 pt	3.64 pt	12.00	15.00	18.20
Prowl H2O ³	BASF	-	pendimethalin	3.8ACS	45.00 gal	2.1 pt	2.6 pt	3 pt	11.90	14.65	16.90
Pruvin ²	MANA	Resolve	rimsulfuron	25SG	12.50 oz	0.75 oz	-	1 oz	9.40	-	12.50
Pulsar ^{4,4}	Syngenta	-	fluroxypyr-ester & dicamba-dga	0.9455 + 0.7275EC	85.00 gal	8.3 fl oz	10.4 fl oz	12.5 fl oz	5.50	6.90	8.30
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 ¹	BASF	-	imazethapyr-NH ₄ salt	2AS	625.00 gal	2 fl oz	2.5 fl oz	3 fl oz	9.80	12.20	14.65
Python ²	Dow	-	flumetsulam	80WDG	14.50 oz	0.8 oz	1 oz	1.33 oz	11.60	14.50	19.30
Quicksilver ¹⁴	FMC	Aim	carfentrazone-ethyl	1.9EW	- qt	8 fl oz	13 fl oz	18 fl oz	-	-	-
Radius ^{15,27}	Bayer	-	flufenacet & isoxaflutole	3.57 + 0.43SC	115.00 gal	8 fl oz	13 fl oz	18 fl oz	7.20	11.70	16.20
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

Product	Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
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	625.00 gal	2 fl oz	3 fl oz	4 fl oz	9.80	14.65	19.55
Rave ^{2,4}	Syngenta	-	triasulfuron & dicamba-Na salt	8.8 + 50WDG	1.80 oz	2 oz	4 oz	5 oz	3.60	7.20	9.00
Raze ^{2,4}	Arysta	-	flucarbazone&fluroxypyr&safener	0.322 + 1.68SC	2.30 fl oz	5 fl oz	7 fl oz	9 fl oz	11.50	16.10	20.70
Realm Q ^{2,27}	Dupont	-	rimsulfuron & meso. & isoxadifen	7.5% 25SG+31.25% 50WG	4.80 oz	4 oz	-	4 oz	19.20	-	19.20
Reflex ¹⁴	Syngenta	-	fomesafen-Na salt	2EC	120.00 gal	0.5 pt	0.75 pt	1 pt	7.50	11.25	15.00
Reglone ²²	Syngenta	-	diquat-dibromide salt	2SL	105.00 gal	1 pt	1.5 pt	2 pt	13.15	19.70	26.25
Relegate ⁴	Nufarm	Remedy	triclopyr-ester	4EC	55.00 gal	1 qt	1.5 qt	2 qt	13.75	20.63	27.50
Rely 200 ¹⁰	Bayer	-	glufosinate-NH ₄ salt	1SL	55.00 gal	1 pt	2 pt	3 pt	6.90	13.75	20.65
Rely 280 ¹⁰	Bayer	Liberty	glufosinate-NH ₄ salt	2.34SL	70.00 gal	21 fl oz	29 fl oz	36 fl oz	11.50	15.90	19.70
Remedy Ultra ⁴	Dow	-	triclopyr-ester	4EC	110.00 gal	1 qt	1.5 qt	2 qt	27.50	41.25	55.00
Report ²	Cheminova	Glean	chlorsulfuron	75DF	10.50 oz	1/6 oz	-	1/3 oz	1.75	-	3.50
Report Extra ^{2,2}	"	Finesse	chlorsulfuron & metsulfuron-CH ₃	62.5 + 12.5DF	9.75 oz	0.2 oz	0.25 oz	0.3 oz	1.95	2.45	2.95
Require Q ^{2,4}	Dupont	-	rimsulf&dicamba-Na&isoxadifen	6.25 + 52.94SG	3.00 oz	2 oz	3 oz	4 oz	6.00	9.00	12.00
Resolve SG ²	Dupont	Matrix	rimsulfuron	25SG	7.50 oz	0.75 oz	-	1 oz	5.65	-	7.70
Resolve Q ^{2,2}	Dupont	-	rimsulfuron & thifen & isoxadifen	18.4 + 4SG	7.50 oz	1 oz	-	1.25 oz	7.50	-	9.40
Resource ¹⁴	Valent	-	flumiclorac-ester	0.86SL	225.00 gal	1 fl oz	2 fl oz	3 oz	1.80	3.60	5.30
Rezult Copack ^{6,1}	BASF	-	bentazon-Na salt / sethoxydim	5SL / 1EC co-pack	65.00 cont.	1.6 pt & 1.6 pt			26.00		
Rifle ⁴	Loveland	Banvel	dicamba-dma salt	4SL	50.00 gal	2 fl oz	4 fl oz	8 fl oz	0.80	1.60	3.15
Rifle D ^{4,4}	Loveland	Weedmstr	2,4-D-dea & dicamba-dea salt	2.87 + 1SL	30.00 gal	0.5 pt	2 pt	4 pt	1.90	7.50	15.00
Rimfire Max ^{2,2}	Bayer	-	propoxy-Na & meso & fenpyr	4.76 + 1.91WDG	4.00 oz	3 oz	-	3 oz	12.00	-	12.00
Rodeo ⁹	Dow	-	glyphosate-ipa salt	4SL	18.50 gal	0.75 pt	1.5 pt	3 pt	1.75	3.50	6.95
Romet ²	Rotam	Escort	metsulfuron-methyl (non-crop)	60XP	- oz	0.05 oz	0.1 oz	0.3 oz	-	-	-
Ro-Neet SB ⁸	Helm Agro	-	cycloate	6EC	75.00 gal	4 pt	4.5 pt	5.33 pt	37.50	42.20	50.00
RU PowerMax ⁹	Monsanto	-	glyphosate-K salt	4.5SL	20.00 gal	11 fl oz	22 fl oz	32 fl oz	1.75	3.00	5.00
RU WeatherMax ⁹	"	-	glyphosate-K salt	4.5SL	30.00 gal	11 fl oz	22 fl oz	32 fl oz	2.60	5.15	7.50
RT 3 ⁹	Monsanto	-	glyphosate-K salt	4.5SL	10.00 gal	11 fl oz	22 fl oz	32 fl oz	0.90	1.75	2.50
Rule ²	MANA	Resolve	rimsulfuron	25DF	7.50 oz	0.75 oz	-	1 oz	5.65	-	7.50
Saber ⁴	Loveland	2,4-D a	2,4-D-dma salt	3.8SL	22.00 gal	0.5 pt	1 pt	2 pt	1.40	2.75	5.50
Sahara ^{2,7}	BASF	-	imazapyr-acid & diuron	7.78 + 62.2WDG	16.50 lb	5 lb	10 lb	15 lb	82.50	165.00	247.50
Salvo ⁴	Loveland	2,4-D e	2,4-D-ester	5EC	35.00 gal	6.4 fl oz	9.6 fl oz	12.8 fl oz	1.50	2.25	3.00
Sandea ²	Gowan	Permit	halosulfuron-methyl	75DF	40.00 oz	0.67 oz	1 oz	1.33 oz	26.80	40.00	53.20
Section ¹	Winfield	Select	clethodim	2EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.65	7.50
Select Max ¹	Valent	-	clethodim	1EC	120.00 gal	6 fl oz	9 fl oz	12 fl oz	5.65	8.45	11.25
Sequence ^{9,15}	Syngenta	-	glyphosate-K salt & S-metolachlor	2.25 + 3SC	50.00 gal	1.5 pt	2.5 pt	3 pt	9.40	15.65	18.75
Shadow ¹	Arysta	Select	clethodim	2EC	130.00 gal	4 fl oz	6 fl oz	8 fl oz	4.10	6.10	8.15
Sharpen ¹⁵	BASF	-	saflufenacil	2.85SC	650.00 gal	1 fl oz	2 fl oz	3 fl oz	5.10	10.20	15.25
Sierra ²	Syngenta	Everest	flucarbazone-Na salt & safener	3.5SC	17.50 fl oz	0.5 fl oz	0.75 fl oz	1 fl oz	8.75	13.15	17.50
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	45.00 lb	0.5 lb	2 lb	4 lb	22.50	90.00	180.00
Slider ¹⁵	Loveland	Outlook	dimethenamid-P	6EC	200.00 gal	10 fl oz	14 fl oz	18 fl oz	15.65	21.90	28.15
Slider ATZ Lite ^{5,15}	Lvld	Guardsmn	atrazine & dimethenamid-P	2.75 + 2.25L	77.00 gal	1.5 pt	2 pt	2.5 pt	14.50	19.35	24.10
Sonalan HFP ³	Dow	-	ethalfluralin	3EC	45.00 gal	1.5 pt	3 pt	4.5 pt	8.45	16.75	25.35
Sonalan 10G ³	Dow	-	ethalfluralin	10G	1.30 lb	6 lb	11.5 lb	17 lb	7.80	14.95	22.10
Sonic ^{2,14}	Dow	FirstRate	cloransulam & sulfentrazone	7.9 + 62.1WDG	4.65 oz	2.4 oz	3.2 oz	4 oz	11.60	14.90	18.60
Spartan ¹⁴	FMC	-	sulfentrazone	4L	600.00 gal	3 fl oz	4.5 fl oz	6 fl oz	14.10	21.10	28.15
Spartan Charge ^{2,14}	FMC	-	carfentrazone & sulfentrazone	0.35 + 3.15SE	465.00 gal	3.75 fl oz	4.5 fl oz	5.75 fl oz	13.65	16.35	26.95
Spike ⁷	Dow	-	tebuthiuron	20P	18.00 lb	2.5 lb	5 lb	10 lb	45.00	90.00	180.00
Spur ⁴	Albaugh	Stinger	clopyralid-monoec salt	3SL	430.00 gal	1.3 fl oz	2.6 fl oz	0.25 pt	4.40	8.75	13.45
Stalker ²	BASF	Arsenal	imazapyr-ipa salt	2SL	370.00 gal	48 fl oz	2 qt	3 qt	138	185	278
Starane Flex ^{2,4}	Dow	-	florasulam & fluroxypyr	0.042 + 0.833EC	60.00 gal	13.5 fl oz	-	13.5 fl oz	6.35	-	6.35
Starane NXT ^{6,4}	Dow	-	bromoxynil & fluroxypyr-ester	2.33 + 0.583EC	70.00 gal	14 fl oz	21 fl oz	27.4 fl oz	7.75	11.50	15.00
Starane Ultra ⁴	Dow	-	fluroxypyr-ester	2.8EC	270.00 gal	0.25 pt	0.35 pt	0.54 pt	8.45	11.80	18.25
Status ^{4,19}	BASF	-	dic-Na&diflufenzpr-Na&isoxadifen	44 + 17.1WDG	3.25 oz	2.5 oz	4 oz	5 oz	8.20	13.00	16.25
Steadfast ^{2,2}	Dupont	-	nicosulfuron & rimsulfuron	50 + 25DF	26.00 oz	0.5 oz	0.6 oz	0.75 oz	13.00	15.60	19.50
Steadfast Q ^{2,2}	Dupont	-	nico & rim & isoxadifen safener	62.3DF	11.00 oz	1 oz	1.25 oz	1.5 oz	11.00	12.75	16.50
Streamline ^{4,2}	Dupont	-	aminocyclopyrachlor + metsulf	39.5 + 12.6DF	6.00 oz	4.75 oz	7.5 oz	9.5 oz	28.50	45.00	57.00
Stealth ³	Loveland	Prowl	pendimethalin	3.3EC	32.00 gal	2.4 pt	3 pt	3.64 pt	9.60	12.00	14.55
Sterling Blue ⁴	Winfield	Clarity	dicamba-dga salt	4SL	65.00 gal	2 fl oz	4 fl oz	8 fl oz	1.15	2.15	4.10
Strikeout ⁹	Roundup	-	glyphosate-ipa salt	3SL	12.00 gal	2 pt	3 pt	4 pt	3.00	4.50	6.00

Product ^{Mode of action-page 104}	Brand	Brand	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Company	equiv.	Low	Med	High	Low
Stinger ⁴	Dow	Stinger	clpyralid-monoeca 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	- gal	1 pt	1.5 pt	2 pt	-	-	-
Stout ^{2,2}	Dupont	-	nicosulfuron & thifensulfuron	67.5 + 5DF	25.00 oz	0.5 oz	-	0.75 oz	12.50	-	18.75
Strut ⁴	Loveland	Clarity	dicamba-dga salt	4SL	80.00 gal	2 fl oz	4 fl oz	8 fl oz	1.25	2.50	5.00
Supremacy ^{4,2,2}	Arysta	-	fluroxypyr & thifen & tribenuron	25 + 4.5 + 1.5EG	1.55 oz	4 oz	5 oz	6 oz	6.20	7.75	9.30
SureStart ^{15,4,2}	Dow	-	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	88.00 gal	1.5 pt	1.75 pt	2 pt	16.50	19.25	22.00
Surflan ³	UPI	-	oryzalin	4EC	100.00 gal	2 qt	3 qt	4 qt	50.00	75.00	100.00
Surpass EC ¹⁵	Dow	-	acetochlor & dichlormid safener	6.4EC	100.00 gal	1.5 pt	2 pt	2.25 pt	18.75	25.00	28.15
Sword ⁴	Loveland	-	MCPA ester	5.2EC	36.00 gal	3 fl oz	1 pt	2 pt	0.80	4.50	9.00
Tackle ^{2,9}	Cheminova	Extreme	imazethapyr-acid & glyt-ipa salt	0.128 + 3SL	20.00 gal	1 pt	1.5 pt	2 pt	2.50	3.75	5.00
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
Tapout ¹	Helena	Select	clethodim	1EC	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.63	7.50
Targa ¹	Gowan	Assure II	quizalofop-ethyl	0.88EC	125.00 gal	7 fl oz	8 fl oz	10 fl oz	6.85	7.80	9.80
Telar ²	Dupont	Glean	chlorsulfuron	75DF	25.00 oz	½ oz	1 oz	3 oz	12.50	25.00	75.00
Thistrol ⁴	Nufarm	-	MCPB	2EC	50.00 gal	2 pt	4 pt	6 pt	12.50	25.00	37.50
Throttle ^{2,2,14}	Dupont	-	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	625.00 gal	2 fl oz	2.5 fl oz	3 fl oz	9.80	12.20	14.65
Thunder Master ^{2,9}	Albgh	Extreme	imazethapyr-acid & glyph-ipa salt	0.17 + 2SL	20.00 gal	1.5 pt	2.25 pt	3 pt	3.75	5.60	7.50
Tie Down ^{2,4}	Wilbur Ellis	Rave	triasulfuron & dicamba-Na salt	8.8 + 50WDG	2.00 oz	2 oz	4 oz	5 oz	4.00	8.00	12.00
TNT Broadleaf ^{2,2}	Gowan	Harm. Ex.	thifensulfuron & tribenuron	50 + 25DF 2:1	11.00 oz	0.15 oz	0.3 oz	0.6 oz	1.65	3.30	6.60
Top Gun ¹⁴	CPS	Reflex	fomesafen-Na salt	2EC	130.00 gal	0.5 pt	0.75 pt	1 pt	8.15	12.20	16.25
TopNotch ¹⁵	Dow	Surpass	acetochlor (ME) & dichlormid saf	3.2ME	46.00 gal	1.5 qt	2 qt	2.5 qt	17.25	23.00	28.75
Tordon 22K ⁴	Dow	-	picloram-K salt	2SL	80.00 gal	1 pt	2 pt	4 pt	10.00	20.00	40.00
Touchdown CT ⁹	Syngnt	-	glyphosate-K salt	4.17SL	18.00 gal	0.75 pt	1.5 pt	3 pt	1.70	3.40	6.75
Touchdown HiTech ⁹	"	-	glyphosate-K salt	5SL	20.00 gal	10 fl oz	20 fl oz	30 fl oz	1.55	3.20	4.70
Touchdown Total ⁹	"	-	glyphosate-K salt	4.17SL	24.00 gal	12 fl oz	24 fl oz	48 fl oz	2.25	4.50	9.00
Transline ⁴	Dow	Stinger	clpyralid-monoeca salt	3SL	180.00 gal	0.67 pt	1 pt	1.33 pt	15.10	22.50	29.95
Traverse ^{2,2}	Dupont	-	chlorimuron & rimsulfuron	12.5 + 12.5DF	- oz	2.6 oz	-	2.6 oz	-	-	-
Traxion ⁹	Syngenta	Roundup	glyphosate-ipa salt	4.17SL	16.00 gal	1 pt	2 pt	4 pt	2.00	4.00	8.00
Treaty ²	Nufarm	Harmony	thifensulfuron-methyl	75DF	10.00 oz	1/12 oz	0.3 oz	0.6 oz	0.85	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	Dow	-	trifluralin	4EC	26.00 gal	1 pt	2 pt	4 pt	3.25	6.50	13.00
Treflan TR-10 ²	Dow	-	trifluralin	10G	0.95 lb	5 lb	10 lb	20 lb	4.75	9.50	19.00
Tricera ⁴	Helena	Garlon	tricypyr-acid	4EC	100.00 gal	1 qt	2 qt	4 qt	25.00	50.00	100.00
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	22.00 gal	1 pt	2 pt	4 pt	2.75	5.50	11.00
Triflurex ³	MANA	Treflan	trifluralin	4EC	24.00 gal	1 pt	2 pt	4 pt	3.00	6.00	12.00
Trigate ^{2,2,27}	Dupont	-	rimsulfuron & triben & mesotrione	6.7 + 5 +33.3DF	- oz	3.75 oz	-	3.75 oz	-	-	-
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 ^{4,4,4}	PBI	-	MSMA & 2,4-Da & MCPPa	2.88EC	50.00 gal	2 qt	3 qt	4 qt	25.00	35.00	50.00
TripleFlex ^{15,4,2}	Monsanto	SureStart	aceto&clopyr&flumet&dichlormid	3.75+0.29+0.12SC	88.00 gal	1.5 pt	1.75 pt	2 pt	16.50	19.25	22.00
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	62.00 gal	1 pt	2 pt	3 pt	7.75	15.50	23.25
Truslate ^{4,4}	Nufarm	WideMatch	clpyralid-mea & fluroxypyr-mhe	0.75 + 0.75EC	55.00 gal	0.75 pt	1 pt	1.33 pt	5.15	6.90	9.15
Truslate Pro ^{4,4,4}	Nufarm	-	clp-mea & flurox-mhe & MCPAe	0.5 + 0.64 + 1.75EC	55.00 gal	1 pt	1.5 pt	2 pt	6.90	10.30	13.75
Trust EC ³	Winfield	Treflan	trifluralin	4EC	28.00 gal	1 pt	2 pt	4 pt	3.50	7.00	14.00
Ultra Blazer ¹⁴	UPI	-	acifluorfen-Na salt	2SL	70.00 gal	1 pt	1.5 pt	2 pt	8.75	12.15	17.50
Unison ⁴	Helena	-	2,4-D-acid	1.74SL	35.00 gal	1 pt	1.75 pt	2.5 pt	4.40	7.65	10.94
Unity ²	Gowan	Harmony	thifensulfuron-methyl	75DF	11.00 oz	1/12 oz	0.3 oz	0.6 oz	0.92	3.30	6.60
UpBeet ²	Dupont	-	triflurosulfuron-methyl	50DF	75.00 oz	0.25 oz	0.3 oz	0.5 oz	18.75	22.50	37.50
Valor ¹⁴	Valent	-	flumioxazin	51WDG	5.50 oz	1.5 oz	2 oz	3 oz	8.25	11.00	16.50
Valuron ²	MANA	Ally	metsulfuron-methyl	60XP	6.00 oz	0.05 oz	0.1 oz	0.3 oz	0.30	0.60	1.80
Velossa ⁵	Helena	Velpar	hexazinone	2L	92.00 gal	2 pt	4 pt	6 pt	23.00	46.00	69.00
Velpar ⁵	Dupont	-	hexazinone	2L	80.00 gal	2 pt	4 pt	6 pt	20.00	40.00	60.50
Vengeance Plus ^{4,4,4}	Wlbr	-	MCPA & tricypyr & 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	210.00 gal	10 fl oz	13 fl oz	16 fl oz	16.40	21.35	26.25

Product ^{Mode of action-page 104}	Company	Brand equiv.	Active Ingredients	Formulation	Cost \$/Unit	Product/A			Cost \$/A		
						Low	Med	High	Low	Med	High
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	400.00 gal	0.5 fl oz	2 fl oz	5.5 fl oz	1.55	6.25	17.20
Viewpoint ^{4,2,2}	Dupont	-	aminocycpyrchlrl&imazapyr&met	22.8 + 31.6 + 7.3DF	4.25 oz	13 oz	16 oz	18 oz	55.25	68.00	76.50
Vision ⁴	Helena	Banvel	dicamba-acid	3.8SL	94.00 gal	2 fl oz	4 fl oz	8 fl oz	1.45	2.95	5.90
Vista ⁴	Dow	Starane	fluroxypyr-ester	1.5AE	82.00 gal	0.5 pt	0.67 pt	1 pt	5.15	6.90	10.25
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	Tenkoz	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	- oz	1/12 oz	0.3 oz	0.6 oz	1.75	6.30	12.60
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	120.00 gal	4 fl oz	6 fl oz	8 fl oz	3.75	5.60	7.50
Warrant ¹⁵	Monsanto	~Degree	acetochlor (microencapsulated)	3ME water based	34.00 gal	1.25 qt	1.5 qt	2 qt	10.60	12.75	17.00
Weed Blast ^{5,7}	Loveland	-	bromacil & diuron	4 + 4G	3.60 lb	40 lb	50 lb	60 lb	144	180	216
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
Weedone 650 ⁴	Nufarm	-	2,4-D-ehe	5.64EC	22.00 gal	0.33 pt	0.67 pt	1.33 pt	0.90	1.85	3.65
Weedmaster ^{4,4}	Nufarm	-	2,4-D-dea & dicamba-dea	2.87 + 1SL	21.00 gal	0.5 pt	2 pt	4 pt	1.35	5.25	10.50
Whiteout ⁴	Loveland	-	2,4-D-ehe (solventless)	5.64EC	21.00 gal	0.33 pt	0.67 pt	1.33 pt	0.90	1.75	3.55
WideMatch ^{4,4}	Dow	-	clopyralid-mea & fluroxypyr-mhe	0.75 + 0.75EC	70.00 gal	0.75 pt	1 pt	1.33 pt	6.60	8.90	11.65
Wildcar ⁴	Helena	-	MCPA-ester	4EC	39.00 gal	0.5 pt	1 pt	2 pt	2.45	4.90	9.75
Wildcard Xtra ^{6,4}	Helena	Bronate	bromoxynil-ester & MCPA-ester	2 + 2EC	52.00 gal	0.75 pt	1 pt	1.5 pt	4.90	6.50	9.75
Wolfpack Adv. ^{6,4}	Tenkoz	Bron. Adv	bromoxynil-ester & MCPA-ester	2.5 + 2.5EC	52.00 gal	0.8 pt	1.2 pt	1.6 pt	5.20	7.80	10.40
Wolverine ^{1,27,6}	Bayer	-	fenox&pyrasulf&bromox&mefenpr	0.38&0.17&0.83EC	95.00 gal	1.7 pt		1.7 pt	20.20	-	20.20
Yukon ^{4,2}	Gowan	-	dicamba-Na & halosulfuron-CH3	55 + 12.5 WDG	2.80 oz	4 oz	6 oz	8 oz	11.20	16.80	22.40
Zidua ¹⁴	BASF	-	pyroxasulfone	85WDG	- oz	3 oz	4 oz	5 oz	-	-	-
2,4-D Products ⁴		-	2,4-D								
2,4-D amine ⁴				3.8SL	16.00 gal	0.5 pt	2 pt	4 pt	1.00	4.00	8.00
2,4-D ester ⁴				3.8EC	20.00 gal	0.4 pt	2 pt	4 pt	1.00	5.00	10.00
LV ester ⁴				5.7EC	25.00 gal	0.33 pt	2 pt	4 pt	1.05	6.25	12.50