

W1947 (January 2020)

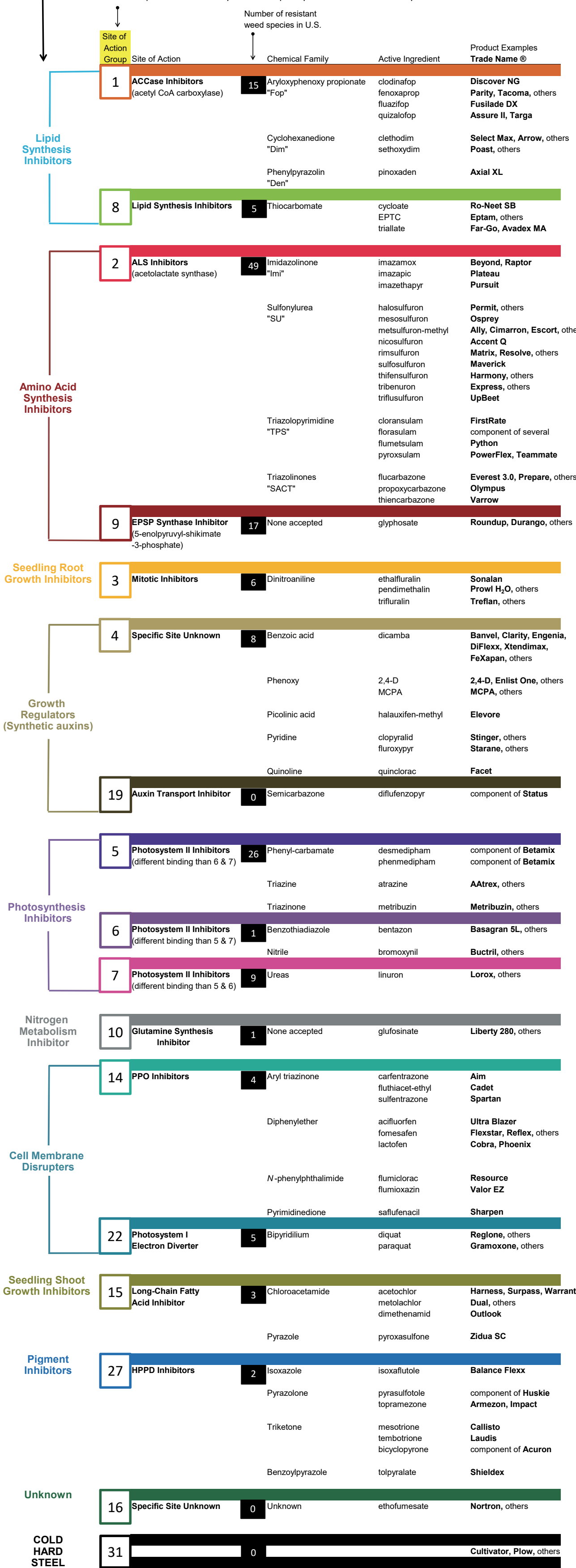
North Dakota Herbicide Chart

Repeated use of herbicides with the same site of action alone can result in the development of herbicide-resistant weed populations.

By Mode of Action (effect on plant growth)

This chart groups herbicides by their modes of action to assist you in selecting 1) to maintain greater diversity in herbicide use and 2) to rotate among herbicides with different sites of action to delay the development of herbicide resistance.

The Site of Action Group is a classification system developed by the Weed Science Society of America.



* indicates product is not registered for use at the time of printing. Check for a label and MSDS at www.cdms.net to confirm status.

This chart lists premix herbicides alphabetically by their trade names so you can identify the premix's component herbicides and their respective site of action groups. Refer to the Mode of Action chart on the left for more information.

Premix Trade Name ®	Trade Name ®	Active Ingredient	Site of Action Group
Acuron	AAtrex	atrazine	5
	Dual Magnum	s-metolachlor	15
	Callisto	mesotrione	27
	-----	bicyclopyrone	27
Acuron Flexi	Dual Magnum	s-metolachlor	15
	Callisto	mesotrione	27
	-----	bicyclopyrone	27
Afforia	Resolve	rimsulfuron	2
	Harmony	thifensulfuron	2
	Valor	flumioxazin	14
Anthem Flex	Aim	carfentrazone	14
	Zidua	pyoxasulfone	15
Armezon Pro	Outlook	dimethenamid	15
	Armezon	topramezone	27
Authority Assist	Pursuit	imazethapyr	2
	Spartan	sulfentrazone	14
Authority First - or Sonic	FirstRate	cloransulam	2
	Spartan	sulfentrazone	14
Authority MTZ	Metribuzin	metribuzin	5
	Spartan	sulfentrazone	14
Authority Supreme - or Authority Edge	Spartan	sulfentrazone	14
	Zidua	pyoxasulfone	15
Axial Bold	Tacoma	fenoxaprop	1
	Axial XL	pinoxaden	1
Boundary	Metribuzin	metribuzin	5
	Dual Magnum	s-metolachlor	15
BroadAxe XC - or Authority Elite	Spartan	sulfentrazone	14
	Dual Magnum	s-metolachlor	15
Capreno	Varrow	thiencarbazone	2
	Laudis	tembotrione	27
Corvus	Varrow	thiencarbazone	2
	Balance Flexx	isoxaflutole	27
Curtail	Stinger	clopyralid	4
	2,4-D	2,4-D	4
Curtail M	Stinger	clopyralid	4
	MCPA	MCPA	4
DiFlexx Duo	Clarity	dicamba	4
	Laudis	tembotrione	27
Enlist Duo	Enlist One	2,4-D	4
	Durango	glyphosate	9
Extreme	Pursuit	imazethapyr	2
	Roundup	glyphosate	9
Fierce EZ	Valor	flumioxazin	14
	Zidua	pyoxasulfone	15
Fierce MTZ	Valor	flumioxazin	14
	Zidua	pyoxasulfone	15
	Metribuzin	metribuzin	5
Flexstar GT	Roundup	glyphosate	9
	Flexstar	fomesafen	14
GoldSky	Powerflex	pyroxulam	2
	-----	florasulam	2
	Starane	fluroxypyr	4
Halax GT	Roundup	glyphosate	9
	Dual Magnum	s-metolachlor	15
	Callisto	mesotrione	27
Harness Max	Harness	acetochlor	15
	Callisto	mesotrione	27
Huskie	Buctril	bromoxynil	6
	-----	pyrasulfatole	27
Huskie Complete	Varrow	thiencarbazone	2
	Buctril	bromoxynil	6
	-----	pyrasulfatole	27
Instigate - or Realm Q	Resolve	rimsulfuron	2
	Callisto	mesotrione	27
Lumax EZ	AAtrex	atrazine	5
	Dual Magnum	s-metolachlor	15
	Callisto	mesotrione	27
Marvel	Flexstar	fomesafen	14
	Cadet	fluthiacet-ethyl	14
OpenSky	Powerflex	pyroxulam	2
	Starane	fluroxypyr	4
PerfectMatch	Powerflex	pyroxulam	2
	Stinger	clopyralid	4
	Starane	fluroxypyr	4
Pixxaro EC	Elevore	halauxifen-methyl	4
	Starane	fluroxypyr	4
Prefix	Flexstar	fomesafen	14
	Dual Magnum	s-metolachlor	15
Quelex	-----	florasulam	2
	Elevore	halauxifen	4
Resicore	Harness	acetochlor	15
	Callisto	mesotrione	27
	Stinger	clopyralid	4
Revulin Q	Accent Q	nicosulfuron	2
	Callisto	mesotrione	27
Sentrallas	Harmony	thifensulfuron	2
	Starane	fluroxypyr	4
Spartan Charge	Spartan	sulfentrazone	14
	Aim	carfentrazone	14
Starane NXT	Starane	fluroxypyr	4
	Buctril	bromoxynil	6
Status	Clarity	dicamba	4
	-----	diflufenzopyr	19
Storm	Basagran	bentazon	6
	Ultra Blazer	acifluorfen	14
Supremacy	Harmony	thifensulfuron	2
	Express	tribenuron	2
	Starane	fluroxypyr	4
SureStart II - or TripleFLEX II	Python	flumetsulam	2
	Stinger	clopyralid	4
	Harness	acetochlor	15
Surveil	FirstRate	cloransulam	2
	Valor	flumioxazin	14
Talinor	Buctril	bromoxynil	6
	-----	bicyclopyrone	27
Tavium	Xtendimax	dicamba	4
	Dual Magnum	s-metolachlor	15
Travallas	Ally	metsulfuron	2
	Harmony	thifensulfuron	2
	Starane	fluroxypyr	4
Varisto	Raptor	imazamox	2
	Basagran	bentazon	6
Verdict	Sharpen	safufenacil	14
	Outlook	dimethenamid	15
Weld	MCPA	MCPA	4
	Starane	fluroxypyr	4
	Stinger	clopyralid	4
WideMatch	Stinger	clopyralid	4
	Starane	fluroxypyr	4
Wolverine Advanced	Tacoma	fenoxaprop	1
	Buctril	bromoxynil	6
	-----	pyrasulfatole	27
Zidua Pro	Zidua	pyoxasulfone	15
	Sharpen	safufenacil	14
	Pursuit	imazethapyr	2



EXTENSION



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