

ACCase Inhibitors

Group	Chemical family	Trade names	Active ingredient
1	Arloxyphenoxypropionate “FOPs”	Assure II Hoelon ^r Fusilade Puma	quizalofop diclofop fluazifop fenoxaprop
1	Cyclohexanedione “DIMs”	Select, Select Max, others Poast, Poast Plus	clethodim sethoxydim
1	Phenylpyrazoline “DENS”	Axial XL	pinoxaden

ALS Inhibitors

Group	Chemical family	Trade names	Active ingredient
2	Imidazolinone “IMIs”	Beyond, Raptor Cadre Pursuit Scepter	imazamox imazapic imazethapyr imazaquin
2	Sulfonylurea “SUs”	Accent Ally Amber Autumn Beacon Classic Express Glean Harmony Maverick Option Osprey Peak Permit Resolve	nicosulfuron metsulfuron triasulfuron iodosulfuron primisulfuron chloriumuron tribenuron chlorsulfuron thifensulfuron sulfosulfuron foramsulfuron mesosulfuron prosulfuron halosulfuron rimsulfuron
2	Triazolopyrimidine	FirstRate PowerFlex Python Strongarm	cloransulam-methyl pyroxsulam flumetsulam diclosulam
2	Pyrimidinyl(thio)benzoate	Staple	pyrithiobac
2	Sulfonylaminocarbonyltriazolinones	Everest Olympus	flucarbazone propoxycarbazone

Root Growth Inhibitors

Group	Chemical family	Trade names	Active ingredient
3	Dinitroaniline	Treflan, others Prowl, others Sonalan	trifluralin pendimethalin ethafluralin

Growth Regulators

Group	Chemical family	Trade names	Active ingredient
4	Phenoxy-carboxylic acid	many Butyrac, others	2,4-D 2,4-DB MCPA
4	Benzoic acid	Banvel, Clarity, Status, others	dicamba
4	Pyridine carboxylic acid	Stinger Starane Tordon ^r , Grazon ^r	clopyralid fluroxypyr picloram
4	Quinoline carboxylic acid	Paramount	quinclorac

Photosynthesis Inhibitors (Photosystem II)

Group	Chemical family	Trade names	Active ingredient
5	Triazine	Aatrex [†] , atrazine [†] , others	atrazine
		Princep	simazine
		Caparol	prometryn
5	Triazinone	Sencor	metribuzin
		Velpar	hexazinone
5	Uracil	Sinbar	terbacil
6	Nitrile	Buctril, others	bromoxynil
6	Benzothiadiazinone	Basagran	bentazon
7	Urea	Linex, Lorox	linuron
		Karmex	diuron

Shoot Growth Inhibitors

Group	Chemical family	Trade names	Active ingredient
8	Lipid synthesis inhibitor, thiocarbamate	Eptam	EPTC
15	Chloroacetamide	Dual, Cinch, others	metolachlor
		Intrro [†] , Micro-Tech [†]	alachlor
		Harness [†] , Degree [†] , Surpass [†] , others	acetochlor
		Outlook	dimethenamid-P
15	Oxyacetamide	Define	flufenacet

Aromatic Amino Acid Synthesis Inhibitors

Group	Chemical family	Trade names	Active ingredient
9	Glycine	Roundup, Touchdown, others	glyphosate

Glutamine Synthesis Inhibitors

Group	Chemical family	Trade names	Active ingredient
10	Phosphonic acid	Ignite, Liberty	glufosinate

Pigment Synthesis Inhibitors

Group	Chemical family	Trade names	Active ingredient
12	Pyridazinone	Zorial Rapid 80	norflurazon
13	Isoxazolidinone	Command	clomazone
27	Triketone	Callisto	mesotrione
		Laudis	tembotrione
		Impact	topramezone
27	Isoxazole	Balance [†]	isoxaflutole

PPO Inhibitors

Group	Chemical family	Trade names	Active ingredient
14	Diphenylether	Blazer	acifluorfen
		Reflex, Flexstar	fomesafen
		Cobra	lactofen
		Goal	oxyfluorfen
14	N-phenylphthalimide	Valor	flumioxazin
		Resource	flumiclorac
14	Thiadiazole	Cadet	fluthiacet
14	Triazolinone	Aim	carfentrazone
		Spartan, Authority	sulfentrazone

Photosynthesis Inhibitors (Photosystem I)

Group	Chemical family	Trade names	Active ingredient
22	Bipyridilium	Gramoxone Inteon [†] , others	paraquat
		Reglone, others	diquat