

HERBICIDE CLASSIFICATION BY SITE OF ACTION

SITE OF ACTION	WSSA GROUP	CHEMICAL FAMILY	ACTIVE INGREDIENT	HERBICIDE
Inhibition of acetyl CoA carboxylase (ACCase)	1	Aryloxyphenoxy propionate	fenoxaprop fluazifop quizalofop	Puma Fusilade DX Assure II
		Cyclohexanedione	clethodim sethoxydim	Select, Select Max Poast, Poast Plus
Inhibition of acetolactate synthase (ALS)	2	Sulfonylurea	chlorimuron chlorsulfuron foramsulfuron halosulfuron idosulfuron nicosulfuron primisulfuron prosulfuron rimsulfuron sulfometuron thifensulfuron tribenuron	Classic Telar Option Permit ----- Accent Beacon Peak Resolve Oust Harmony GT XP Express
		Imidazolinone	imazamox imazapyr imazaquin imazethapyr	Raptor Arsenal Scepter Pursuit
		Triazolopyrimidine	flumetsulam cloransulam	Python FirstRate
Inhibition of microtubule assembly	3	Dinitroaniline	benefin ethalfluralin pendimethalin trifluralin	Balan Sonalan Prowl, Pendimax Treflan, others
Synthetic auxins	4	Phenoxy	2,4-D MCPA MCP	Weedone, others various various
		Benzoic acid	dicamba	Banvel, Clarity
		Carboxylic acid	clopyralid fluroxypyr picloram triclopyr	Stinger Starane Tordon Garlon
Inhibition of indoleacetic acid transport	19	Semicarbazone	diflufenzopyr	-----
Inhibition of photosynthesis at photosystem II site A	5	Triazine	atrazine ametryn prometon simazine	AAtrex, others Evik Pramitol Princep
		Triazinone	hexazinone metribuzin	Velpar Sencor
		Uracil	bromacil terbacil	Hyvar Sinbar
Inhibition of photosynthesis at photosystem II site B	6	Nitrile	bromoxynil	Buctril
		Benzothiadiazole	bentazon	Basagran
Inhibition of photosynthesis at photosystem II site A - different binding behavior	7	Urea	diuron linuron tebuthiuron	Karmex Lorox Spike
Photosystem I - electron diversion	22	Bipyridilium	paraquat diquat	Gramoxone Inteon Diquat
Inhibition of EPSP synthase	9	None accepted	glyphosate	Roundup, Touchdown, others
Inhibition of glutamine synthetase	10	None accepted	glufosinate	Liberty
Inhibition of lipid biosynthesis - not ACCase inhibition	8	Thiocarbamate	butylate EPTC	Sutan + Eradicane
Bleaching: Inhibition of DOXP synthase	13	Isoxazolidinone	clomazone	Command
Bleaching: Inhibition of 4-HPPD	27	Isoxazole	isoxaflutole	Balance PRO
		Triketone	mesotrione	Callisto
		Pyrazolone	topramezone	Impact
Inhibition of protoporphyrinogen oxidase (Protox or PPO)	14	Diphenylether	acifluorfen fomesafen lactofen	Ultra Blazer Flexstar, Reflex Cobra, Phoenix
		N-phenylphthalimide	flumiclorac flumioxazin	Resource Valor
		Aryl triazinone	sulfentrazone carfentrazone	Authority Aim
Inhibition of synthesis of very-long-chain fatty acids (VLCFA)	15	Chloroacetamide	acetochlor alachlor metolachlor S-metolachlor dimethenamid	Harness, TopNotch, Degree IntRRo, Micro-Tech, Partner various Dual II Magnum, others Outlook
		Oxyacetamide	flufenacet	Define