

## HERBICIDE CLASSIFICATION ACCORDING TO PRIMARY SITE OF ACTION

Resistance Group	Site of Action	Herbicide Families in Group
WSSA		
0	Nucleic acid inhibitors	Organoarsenical
1	ACCase (acetyl CoA carboxylase) inhibitor	Aryloxyphenoxy propionate Cyclohexanedione Phenylpyrazoline
2	ALS (acetolactate synthase) or AHAS (acetohydroxyacid synthase) inhibitor	Imidazolinone Pyrimidinylthio-benzoate Sulfonylamino-carbonyltriaolinone Sulfonylurea Triazolopyrimidine
3	Inhibitor of microtubule assembly	Benzoic acid Benzamides Dinitroanilines Phosphoramidates Pyridines
4	Synthetic auxins	Arylpicolinate Benzoic acid Phenoxy-carboxylic acid Pyridine-carboxylic acid Quinoline carboxylic acid
5	Inhibitor of photosynthesis at photosystem II site A Serine 264 binders	Amide Phenyl-carbamate Pyridazinone Triazine Triazinone Triazolinone Uracil Urea
6	Inhibitor of photosynthesis at photosystem II site B Histidine 215 binders	Benzothiadiazinone Nitrile Phenyl-pyridazine
9	EPSP synthase inhibitor	Glycine*
10	Glutamine synthetase inhibitor	Phosphinic acids*
11	Carotenoid biosynthesis inhibitor (bleaching)	Triazole

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12	PDS (phytoene desaturase) inhibitor (bleaching)	Pyridazinone Pyridinecarboxamide Other
13	DOXP (1-deoxy-D-xyulose 5-phosphate synthetase) inhibitor (bleaching)	Isoxazolidinone
14	Protox (protoporphyrinogen oxidase) inhibitor	Diphenylether N-phenylphthalimide Oxadiazole Oxazolidinedione Phenylpyrazole Pyrimidindione Triazolinone
15	Inhibition of lipid synthesis	Acetamide Benzofuran Chloroacetamide Oxyacetamide Tetrazolinone Thiocarbamate Phosphorodithioate*
18	DHP (7,8-dihydro-pterolate) synthetase inhibitor	Carbamate
19	Inhibitor of indoleacetic acid transport	Phthalamate Semicarbazone
22	Photosystem I electron diverter	Bipyridylum
23	Mitosis inhibitor	Carbamate
24	Membrane disruptor (uncouplers)	Dinitrophenol
27	Inhibitor of 4-HPPD (4-hydroxy-phenyl-pyruvate dioxygenase) (bleaching)	Isoxazole Pyrazole Triketone
29	Inhibition of cellulose synthesis	Alkylazine Benzamide Nitrile