

## HERBICIDE RESISTANT WEEDS SUMMARY TABLE

Saturday, February 27, 2010

Herbicide Group <a href="#">Click for details</a>	Mode of Action	HRAC Group	Example Herbicide	Total
<a href="#">ALS inhibitors</a>	Inhibition of acetolactate synthase ALS (acetohydroxyacid synthase AHAS)	B	Chlorsulfuron	108
<a href="#">Photosystem II inhibitors</a>	Inhibition of photosynthesis at photosystem II	C1	Atrazine	68
<a href="#">ACCCase inhibitors</a>	Inhibition of acetyl CoA carboxylase (ACCCase)	A	Diclofop-methyl	38
<a href="#">Synthetic Auxins</a>	Synthetic auxins (action like indoleacetic acid)	O	2,4-D	28
<a href="#">Bipyridiliums</a>	Photosystem-I-electron diversion	D	Paraquat	24
<a href="#">Ureas and amides</a>	Inhibition of photosynthesis at photosystem II	C2	Chlorotoluron	21
<a href="#">Glycines</a>	Inhibition of EPSP synthase	G	Glyphosate	17
<a href="#">Dinitroanilines and others</a>	Microtubule assembly inhibition	K1	Trifluralin	10
<a href="#">Thiocarbamates and others</a>	Inhibition of lipid synthesis - not ACCCase inhibition	N	Triallate	8
<a href="#">PPO inhibitors</a>	Inhibition of protoporphyrinogen oxidase (PPO)	E	Oxyfluorfen	5
<a href="#">Triazoles, ureas, isoxazolidiones</a>	Bleaching: Inhibition of carotenoid biosynthesis (unknown target)	F3	Amitrole	4
<a href="#">Chloroacetamides and others</a>	Inhibition of cell division (Inhibition of very long chain fatty acids)	K3	Butachlor	4
<a href="#">Nitriles and others</a>	Inhibition of photosynthesis at photosystem II	C3	Bromoxynil	3
<a href="#">Carotenoid biosynthesis inhibitors</a>	Bleaching: Inhibition of carotenoid biosynthesis at the phytoene desaturase step (PDS)	F1	Flurtamone	2
<a href="#">Arylamino propionic acids</a>	Unknown	Z	Flamprop-methyl	2
<a href="#">Mitosis inhibitors</a>	Inhibition of mitosis / microtubule polymerization inhibitor	K2	Propham	1
<a href="#">Cellulose inhibitors</a>	Inhibition of cell wall (cellulose) synthesis	L	Dichlobenil	1
<a href="#">Unknown</a>	Unknown	Z	(chloro) - flurenol	1
<a href="#">Organoarsenicals</a>	Unknown	Z	MSMA	1

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