

Herbicide Effectiveness in Sweet Corn

Weeds	Preplant incorporated or preemergence						Postemergent									
	atrazine (Atrazine) ¹	mesotrione (Callisto)	S-metolachlor (Dual II Magnum or Dual Magnum)	dimethenamid-P (Outlook)	pendimethalin (Prowl) ²	pyoxasulfone (Zidua)	nicosulfuron (Accent) ³	carfentrazone (Aim) ⁴	atrazine (Atrazine) ⁵	bentazon (Basagran) ⁶	mesotrione (Callisto)	tembotrione (Laudis)	tolpyralate (Shieldex)	topramezone (Impact)	2,4-D ⁷	
ANNUAL GRASSES																
Barnyardgrass (<i>Echinochloa crus-galli</i>)	F	P	G	E	G	G	G	VP	G	VP	P	E	E	E	VP	
Crabgrass (<i>Digitaria</i> spp.)	P	P	G	E	E	F	P	P	P	P	P	P	P	P	VP	
Foxtails (<i>Setaria</i> spp.)	F	VP	G	G	E	G	G	VP	F	VP	VP	G	G	G	VP	
Wild proso millet (<i>Panicum miliaceum</i>)	P	P	F	G	G	F	G-E	VP	P	VP	P	E	E	E	VP	
Witchgrass (<i>Panicum capillare</i>)	P	P	E	E	G-E	G	G	P	P	VP	P	G	G	G	VP	
BROADLEAVES																
Pigweed (<i>Amaranthus</i> spp.)	F-E	G	G	G	G	G	G	G	F-E	G	G	E	E	E	G	
Lambsquarters (<i>Chenopodium</i> spp.)	E	G	F	P	G	F	P	G	E	E	G	E	E	G	F	
Nightshade (<i>Solanum</i> spp.)	G	G	F	G	P	G	VP	G	G	G	G	E	E	E	F	
Smartweed (<i>Polygonum</i> spp.)	G	G	P	F	F	F	P	G	G	E	G	E	E	E	F	
Purslane, common (<i>Portulaca oleracea</i>)	G	G	F	G	G	E	P	P	G	P	G	VP	VP	VP	P	
Wild buckwheat (<i>Polygonum convolvulus</i>)	F	P	F	F	G	P	F	F	G	G	P	P	P	P	G	
PERENNIALS																
Yellow nutsedge (<i>Cyperus esculentus</i>)	F	P	G	G	P	F	F	VP	F	F	F-G	VP	P	P	VP	
Canada thistle (<i>Cirsium arvense</i>)	P	P	VP	VP	P	P	F	VP	F	F-G	VP	P	P	P	F	
Quackgrass (<i>Elymus repens</i>)	F	P	VP	P	P	P	G	VP	F	VP	VP	VP	VP	P	VP	
E = Excellent G = Good F = Fair P = Poor VP = Very poor or no effect																
¹ Depends on level of triazine resistance ² May cause corn to lodge ³ Do not use with organophosphate insecticides ⁴ Must be applied to small seedlings for good effectiveness ⁵ Must be applied with crop oil concentrate to small weeds ⁶ Good control with two applications 10 days apart ⁷ Must be directed to prevent corn injury																