

A Spray Tank's Last Check Chart - SOYBEAN

Early Postemergence= soybeans less than 4 trifoliates

Early Postemergence= weeds less than 4 inches tall

Late Postemergence= soybeans more than 5 trifoliates

Late Postemergence= weeds are over 6 inches

Check the label for maximum crop stage for application and recommended adjuvants

When spraying, be sure to consider:
1. Right Herbicide 2. Right Rate 3. Right Timing

Do not rely solely on herbicides for weed control for an IWM approach visit GROWIWM.org

Herbicide-resistance risk

High
Medium
Low

Weed control

E
VG
G
F
not applicable

Marestail in the region is typically resistant to glyphosate and Group 2 herbicides

Marestail / Horseweed

Active Ingredients	Representative Trade Names	MOA		Residual	Early POST	Late POST
		Number	Burndown			
paraquat	Gramoxone	22	F +Grp5	--	--	--
2,4-D	Enlist One	4	VG	--	VG	G
dicamba	Engenia/Xtend	4	VG	--	VG	G
halauxifen	Elevore	4	VG	--	--	--
flumioxazin	Valor	14	--	VG	--	--
safinlufenacil	Sharpen	14	G	--	--	--
sulfentrazone	Authority brands	14	--	VG	--	--
metribuzin	Metricor	5	--	VG	--	--
glufosinate	Liberty	10	G	--	VG	G

Populations of common ragweed in the region are multiple-resistant (Group 2, 9, 14)

Common ragweed

Active Ingredients	Representative Trade Names	MOA		Residual	Early POST	Late POST
		Number	Burndown			
paraquat	Gramoxone	22	G +Grp5	--	--	--
2,4-D	Enlist One	4	VG	--	VG	G
dicamba	Engenia/Xtend	4	VG	--	VG	G
halauxifen	Elevore	4	VG	--	--	--
clomazone	Command	13	--	G +Grp5	--	--
flumioxazin (susceptible)	Valor	14	F +Grp5	VG	--	--
safinlufenacil (susceptible)	Sharpen	14	G	--	--	--
sulfentrazone (susceptible)	Authority brands	14	--	G	--	--
fomesafen (susceptible)	Reflex	14	VG	VG	VG	G
acifluorfen (susceptible)	Ultra Blazer	14	--	--	VG	G
cloransulam (susceptible)	FirstRate	2	VG	VG	VG	VG
chlorimuron (susceptible)	Classic	2	VG	VG	G	F
linuron	Lorox	5	--	G	--	--
metribuzin	Metricor	5	F +Grp14	F +Grp14	--	--
glufosinate	Liberty	10	G	--	VG	G
glyphosate (susceptible)	Roundup	9	E	--	VG	VG
bentazon	Basagran	6	--	--	G	F

Populations of Palmer amaranth and waterhemp in the region are resistant to glyphosate and Group 2

Palmer amaranth / Waterhemp

Active Ingredients	Representative Trade Names	MOA		Residual	Early POST	Late POST
		Number	Burndown			
paraquat	Gramoxone	22	E	--	--	--
safinlufenacil	Sharpen	14	F	--	--	--
2,4-D	Enlist One	4	VG	--	VG	G
dicamba	Engenia/Xtend	4	VG	--	VG	G
flumioxazin	Valor	14	F +Grp5	VG	--	--
fomesafen	Reflex	14	VG	VG	VG	F
acifluorfen	Ultra Blazer	14	--	--	VG	F
sulfentrazone	Authority brands	14	F	VG	--	--
metribuzin	Metricor	5	F +Grp14	G +Grp14/15	--	--
glufosinate	Liberty	10	G	--	VG	G
pendimethalin	Prowl	3	--	G	--	--
acetochlor	Warrant	15	--	G	--	--
pyroxasulfone	Zidua	15	--	VG	--	--
metolachlor	Dual, others	15	--	VG	--	--

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