

## Quick Alabama Reference Guide for Glyphosate Resistant Horseweed and Palmer Amaranth Control in CORN

Note: Read and follow all manufacturer's label directions prior to application. Suggested products and rates are meant as guides and do not substitute for label directions.

BURNDOWN*	MOA*	RATES/A	RESTRICTIONS	REMARKS
2,4-D amine + Roundup Pmax or Gramoxone SL or Liberty	4, 9, 22, 10	0.5-1 pt + 22-43 fl. oz or 32 fl. Oz	Apply until 7 days prior to planting	
PREEMERGENCE*	MOA*	RATES/A	RESTRICTIONS	REMARKS
Dual Magnum or Outlook or MicroTech or Harness	15	1-1.7 pts or 16-21 fl. oz or 4-5 pts or 1.5-3 pts	None of these products will control emerged weeds.	All must be activated by rain or irrigation before weeds emerge.
Atrazine 4L or Simazine 4L	5	3-4 pts or 4 pts	DO NOT apply within 50 ft of well head, stream, pond or sinkhole	All must be activated by rain or irrigation before weeds emerge.
POSTEMERGENCE*	MOA*	RATES/A	RESTRICTIONS	REMARKS
2,4-D or dicamba or Aim 2EC	4, 14	0.5-1 pt or 8 fl. oz or 0.5-1 fl. Oz	2,4-D when corn is 4-8 in, dicamba up to 36 in, Aim until V8 stage.	Apply before pigweed reaches 3 inches tall.
Atrazine 4L + crop oil concentrate	5	3 pts + 2 pts	Apply before pigweed reaches 4 inches. DO NOT exceed 5 pts total per acre/year	DO NOT apply with liquid fertilizer
Liberty (LL corn)	10	22-29 fl. oz	DO NOT exceed 44 fl. oz per acre per year	No adjuvant is needed for Ignite, DO NOT spray at night.
Callisto (mesotrione) or Laudis 3.5 (tembotrione)	28	3 fl. oz or 3 fl. oz + crop oil concentrate	Read label for insecticide interactions. May be mixed with atrazine, see label	Apply before pigweed reaches 3-4 inches tall. May be applied alone up to V8 stage.
Halex GT (metolachlor + mesotrione + glyphosate)	15, 28, 9	3.6-4 pt	Only on glyphosate tolerant hybrids	Do not mix with nitrogen fertilizer.
Capreno (tembotrione + thiencazone)	28, 2	3.0 oz	Apply with crop oil	Apply on corn up to V7 when used alone or up to 12 inch corn when mixed with atrazine.
Resolve Q (rimsulfuron + thifensulfuron)	4, 2	1.25 oz	Add NIS	Apply until corn reaches 20 inches or V7.

\* All herbicides with the same color or MOA number have the same Mode of Action (MOA).