

CORN WEED MANAGEMENT

	barnyardgrass	broadleaf signalgrass	crabgrass	foxtail	seedling johnsongrass	rhizome johnsongrass	yellow nutsedge	purple nutsedge	Palmer amaranth	prickly sida	hemp sesbania	morningglory	sicklepod	hophornbeam copperleaf	smellmelon
PREEMERGENCE HERBICIDES:¹															
atrazine (numerous formulations)	7	7	6	7	5	1	5	0	8	8	8	8	8	9	5
Anthem, Anthem Maxx	9	9	9	9	9	1	-	-	8	7	7	7	6	8	8
Bicep II Magnum, Cinch ATZ	9	8	9	9	8	1	9	1	8	8	8	8	8	9	9
S-metolachlor (numerous formulations)	8	8	9	9	7	1	7	1	9	2	2	2	2	2	1
Corvus	8	8	8	-	9	8	-	-	7	8	8	8	8	7	8
Outlook	8	8	9	9	7	1	7	1	8	2	2	2	2	2	1
Harness Xtra	9	9	9	9	7	1	6	1	9	8	8	8	8	9	9
Instigate + atrazine	8	-	-	-	8	6	-	-	9	8	8	9	9	9	8
Keystone NXT	9	9	9	-	4	1	-	-	8	8	8	8	5	9	8
Lexar EZ	9	9	9	9	7	1	9	1	9	8	8	8	8	9	9
Sharpen	1	1	1	1	1	1	-	-	9	7	6	6	5	7	7
Verdict	8	8	9	9	7	1	7	1	8	8	8	8	8	8	8
Zidua WG/Zidua SC	9	9	9	9	9	1	-	-	8	7	7	7	6	8	8
POSTEMERGENCE HERBICIDES:															
2,4-D	1	1		1	0	0	3	2	8	8	8	9	8	8	8
Accent Q	8	8	4	8	9	8	5	4	5	2	2	6	5	1	1
Armezon or Impact + atrazine	5	5	5	-	3	1	-	-	9	8	8	8	8	8	8
atrazine (numerous formulations)	7	5	6	7	3	3	3	1	8	8	7	8	7	9	9
Clarity/Banvel	0	0	0	0	0	0	0	3	8	9	9	9	7	8	8
Callisto + atrazine	7	5	6	7	3	3	3	1	9	8	8	9	8	9	9
Capreno + atrazine	9	9	9	9	8	8	-	-	8	8	9	9	9	8	9
Status	3	3	0	0	3	8	3	5	8	9	9	9	8	8	8
glyphosate ²	9	9	9	9	9 ³	9 ³	8	8	9 ³	8	7	8	9	8	8
Halex GT ² + atrazine	9	9	9	9	9 ³	9 ³	8	8	9	9	9	8	9	9	9
Laudis + atrazine	4	4	4	4	3	3	-	-	8	8	8	8	8	8	8
Liberty 280SL ³	8	8	8	8	8	7	7	9	8	9	9	9	9	9	9
Realm Q + atrazine	9	-	-	-	8	8	-	-	9	8	9	9	9	9	9
Steadfast Q	9	9	8	9	9	8	5	5	-	3	3	7	6	7	7
LAYBY HERBICIDES:															
atrazine	4	4	4	4	4	1	2	0	8	0	7	8	6	9	9
diuron	6	6	6	6	6	1	2	1	8	7	6	7	7	9	9

¹ Preemergence herbicides must be activated by rainfall or overhead irrigation.

² For use in Roundup Ready corn hybrids. Glyphosate-resistant Italian ryegrass, johnsongrass, Palmer amaranth, and waterhemp have been documented in Louisiana.

³ For use only in Liberty Link corn hybrids.

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
REMOVAL OF PARTIAL CORN STANDS FOR REPLANTING			
clethodim @ 0.045 lb/A	Select Max I EC @ 6 oz/A Add 1% v/v COC + 2.5-4 lb/A AMS; see label	Roundup Ready, Liberty Link, Herculex corn hybrids	Controls failed stands up to 12 inches tall. Do not replant within 6 days of application. Avoid off-site movement to emerged, non-target corn.
paraquat @ 0.63-0.75 lb/A + atrazine @ 0.5 lb/A	Paraquat (2 lb/gal formulation) @ 40-48 oz/A; Paraquat (3 lb/gal formulation) @ 26.9-32 oz/A + atrazine 4L @ 16 oz/A or atrazine 90 DF @ 0.55 lb/A Add 0.25% v/v NIS or 1% COC; see label	Roundup Ready, Liberty Link, Herculex corn hybrids	Corn may be replanted immediately. Avoid off-site movement to emerged, non-target corn.
paraquat @ 0.63-0.75 lb/A + diuron @ 0.5 lb/A	Paraquat (2 lb/gal formulation) @ 40-48 oz/A; Paraquat (3 lb/gal formulation) @ 26.9-32 oz/A + diuron 4L @ 16 oz/A or diuron 80 DF @ 0.63 lb/A Add 0.25% v/v NIS or 1% COC; see label	Roundup Ready, Liberty Link, Herculex corn hybrids	Corn may be replanted immediately. Avoid off-site movement to emerged, non-target corn
PREEMERGENCE:			
atrazine @ 2.0 lb/A (1.6 lb/A on highly erodible soils)	90 DF formulations @ 2.2 lb/A 4L formulations @ 2 qt/A Reduce rate by 25% on highly erodible soils.	Many small seeded annual broadleaf weeds and some annual grasses Inconsistent on broadleaf signalgrass	Best if applied to the soil surface after planting, before weeds emerge. Rainfall required for activation. Do not plant treated areas with any crop except corn or grain sorghum until the following year. Do not apply more than 2.0 lb ai/A/ application or 2.5 lb ai/year. Check label for tank-mixes with other herbicides. Do not mix, load or use within 50 ft of a well. Use a device to prevent back siphoning when mixing.
pyroxasulfone @ 0.08 – 0.212 lb/A + fluthiacet-methyl @ 0.002 – 0.006 lb/A	Anthem @ 5-10 oz/A Anthem Maxx @ 2.5-5.5 oz/A Rate depends upon soil type. See label.	Most annual grasses	Apply to the bare soil surface after planting but before weeds emerge. May also be used after corn emergence; consult label. Organic matter influences use rate; consult label.
pyroxasulfone @ 0.11 – 0.25 lb/A + fluthiacet-methyl @ 0.003 – 0.007 lb/A + atrazine @ 0.9 – 2.0 lb/A	Anthem ATZ @ 1.75-4 pt/A Rate depends upon soil type. See label.	Most annual grasses and broadleaf weeds	Apply to the bare soil surface after planting but before weeds emerge. May also be used after corn emergence; consult label. An 18-month crop rotation restriction for all crops other than corn. Organic matter influences use rate; consult label.

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
PREEMERGENCE continued:			
S-metolachlor @ 0.75-1.25 lb/A + atrazine @ 1.0-1.63 lb/A	Bicep II Magnum / Cinch ATZ @ 1.3-2.1 qt/A Rate depends upon soil type. See label.	Most small-seeded annual grasses and broadleaf weeds	See comments for atrazine and S-metolachlor. Apply to the bare soils surface after planting but before weeds emerge Do not apply with liquid fertilizer. See the Bicep II Magnum or Cinch ATZ label for other tank-mixtures.
thiencarbazone-methyl @ 0.02-0.033 lb/A + isoxaflutole @ 0.049-0.082	Corvus @ 3.33-5.6 oz/A Rate depends upon soil type. See label.	Seedling and rhizome johnsongrass. Most annual grasses and broadleaf weeds.	Do not apply if water table is less than 25 feet below ground surface. Consult label for crop rotation restrictions. Organic matter and soil pH influence use rate; consult label. Do not use on fields treated with organophosphate or carbamate insecticides. Tank-mixing Corvus with atrazine at 1.5 lb/A will increase spectrum of weeds controlled; consult label.
S-metolachlor ³ @ 0.95-1.27 lb/A	Various Trade Names 7.64 lb/gal formulation @ 1-1.33 pt/A Rate depends upon soil type. See label.	Most annual grasses including broadleaf signalgrass, seeding johnsongrass and pigweeds	Apply after planting before weeds emerge. May also be used before planting; consult label. Rates listed should be adjusted for OM; consult label. Poor control of most large seeded broadleaf weeds. For improved broadleaf weed control mix with atrazine; consult label.
acetochlor @ 1.9-2.8 lb/A + atrazine @ 0.76-1.1	Harness Xtra @ 1.8-2.6 qt/A Rate depends upon soil type. See label.	Most annual grasses and broadleaf weeds	Apply after planting before weeds emerge. See comments for acetochlor and atrazine. Adjust rates per label if OM > 3%.
acetochlor @ 1.1-1.9 lb/A + atrazine @ 0.9-1.6 lb/A	Keystone Nxt @ 1.4-2.5 qt/A Rate depends upon soil type. See label.	Most annual grasses and broadleaf weeds	Apply after planting before weeds emerge. See comments for acetochlor and atrazine. Adjust rates per label if OM > 3%.
rimsulfuron @ 0.02 lb/A + mesotrione @ 0.16 lb/A	Instigate @ 6 oz/A	Most annual grasses and broadleaf weeds	Apply before or after planting. Do not apply Callisto, Laudis or Armezon/Impact in same season as Instigate. Do not apply to coarse textured soils. Do not apply organophosphate insecticide in same season. Allow four weeks after application to apply another herbicide containing rimsulfuron. Tank-mixing atrazine at 1.5 lb/A will increase spectrum of weeds controlled.
S-metolachlor @ 1.3 lb/A + atrazine @ 1.3 lb/A + mesotrione @ 0.168 lb/A	Lexar EZ @ 3 qt/A	Most small seeded grasses and broadleaf weeds	Apply after planting before weeds emerge. Provides better annual grass and broadleaf weed control than s-metolachlor + atrazine alone. Additional, atrazine may improve morningglory control. Up to 1.3 lb ai/A atrazine can be used at layby following this treatment. Use 3.5 qt/A Lexar if soil OM is above 3%. Do not follow this treatment with an HPPD inhibitor such as Callisto, Impact or Laudis. Use caution if Counter or

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
			other OP insecticides were used at planting; consult label.
PREEMERGENCE continued:			
dimethenamid @ 0.56- 0.84 lb/A	Outlook 6L @ 12-18 oz/A Rate depends upon soil type. See label.	Most annual grasses, pigweeds, and some sedges	Apply after planting before weeds emerge. May also be used before planting; consult label. Higher rates may be needed on soil with 3% or higher OM; consult label. Mix with atrazine for improved broadleaf weed control; consult label.
saflufenacil @ 0.05-0.07 lb/A	Sharpen @ 2-3 oz/A	Broadleaf weeds. Does not control grasses.	Use lower rates on coarse soils. Sharpen should be applied with additional herbicide for control of grasses. Do not apply after corn emergence. Do not apply where an organophosphate or carbamate insecticide is planned. Do not apply more than 6 oz/A per year.
saflufenacil @ 0.02-0.03 lb/A + dimethenamid-P @ 0.07-0.12 lb/A	Verdict @ 10-18 oz/A Rate depends upon soil type. See label.	Small seeded grasses and broadleaf weeds	Apply to the soil surface after planting, but before corn and weed emergence. Application following corn emergence will cause severe corn injury. Do not use on fields treated with organophosphate or carbamate insecticides. Tank-mixing Verdict with atrazine at 1.5 lb/A will increase spectrum of weeds controlled.
pyroxasulfone @ 0.08-0.21 lb/A	Zidua WG @ 1.5-4 oz/A Zidua SC @ 2.5-6.5 oz/A Rate depends upon soil type. See label.	Most annual grasses and broadleaf weeds	Apply to the bare soil surface after planting but before weeds emerge. May also be used before planting; consult label. Only crops listed on Zidua label can be planted the following year. Tank-mixing Zidua with atrazine at 1.5 lb/A will increase spectrum of weeds controlled.
POSTEMERGENCE:			
2,4-D amine @ 0.25 – 0.5 lb/A	2,4-D Amine @ 0.5-1.0 pt/A	Broadleaf weeds	Apply before corn is 15 inches tall or after grain is dented. Do not treat at tasseling and silking stage. If necessary, to spray after corn is 15 inches tall but before tasseling, do not spray in whorl. Under certain conditions injury is possible; consult label.
nicosulfuron @ 0.031 lb/A	Accent Q @ 0.9 oz/A Add 0.25% v/v NIS or 1% COC; see label plus 2 qt/A UAN; consult label for correct adjuvant system when mixing with other herbicides.	Annual grasses, johnsongrass, pigweeds and morningglories. Can be erratic on broadleaf signalgrass, crabgrass and yellow foxtail.	Apply to corn up to 20 inches tall. Do not broadcast after the 6-leaf stage. Can be applied with drop nozzles up to 36 inches tall (V10) corn; consult label. Do not apply to corn treated with Counter 15 G; consult label. Tank-mixing Accent Q with atrazine at 1.0 lb/A and/or glyphosate (Roundup Ready corn) will broaden the spectrum of weeds controlled. If tank-mixed with atrazine, observe 12-inch corn application limit. See the Accent Q label for other tank-mixtures.
pyroxasulfone @ 0.081 – 0.195 lb/A + fluthiacet-methyl @ 0.002 – 0.006 lb/A	Anthem @ 4-12 oz/A	Most annual grasses and broadleaf weeds	Apply before corn exceeds V4 growth stage. Better results if applied for residual control of weeds. May also

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CORN^{1,2}			
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	Anthem Maxx @ 2-6 oz/A Add 0.25% v/v NIS or 1% COC; see label Rate depends upon soil type. See label.		be used before or at planting; consult label. An 18- month crop rotation restriction for all crops other than corn. Tank-mixing Anthem with atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Anthem label for other tank- mixtures.
POSTEMERGENCE continued:			
topramazone @ 0.016 lb/A	Armezon or Impact @ 0.75 oz/A Apply with 1% v/v MSO or COC and 28%-32% 1.25-2.5% v/v UAN or 8.5-17% w/v AMS	Annual grasses and broadleaf weeds	Apply to corn up V8 growth stage. Tank-mixing Armezon or Impact with atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. If tank-mixed with atrazine, observe 12-inch corn application limit. See the Armezon or Impact label for other tank-mixtures.
atrazine @ 2.0 lb/A	90 DF formulations @ 2.2 lb/A 4L formulations @ 2 qt/A Add 1% v/v COC	Most broadleaf weeds and some grasses; grasses must be very small to obtain control.	Apply before weeds exceed 1.5 inches or corn exceeds 12 inches in height. Do not exceed 2.5 lb ai/A atrazine per season. Do not graze or feed forage from treated areas to livestock for 21 days after treatment. Tank- mixing atrazine with glyphosate (Roundup Ready corn) or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the atrazine label for other tank-mixtures.
S-metolachlor @ 0.75-1.25 lb/A + atrazine @ 1.0-1.63 lb/A	Bicep II Magnum @ 1.3-2.1 qt/A Rate depends upon soil type. See label.	Most small seeded annual grasses and broadleaf weeds	See comments for atrazine and S-metolachlor above. Apply before weeds emerge and corn reaches the V4 growth stage or 12 inches in height. Do not apply with liquid fertilizer. Tank-mixing atrazine with glyphosate (Roundup Ready corn) or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Bicep II Magnum label for other tank-mixtures.
mesotrione @ 0.094 lb/A	Callisto @ 3 oz/A Add 1% v/v COC	Many broadleaf weeds, including copperleaf, broadleaf signalgrass (<2 inches) and large crabgrass (<2 inches); weak on most grasses; Callisto alone will not control prickly sida and most morningglories.	Apply before weeds are 4 inches tall. Has excellent residual weed control, so early applications are encouraged. Do not use if Counter was used at planting; consult label for other use restrictions. Do not tank-mix with MSO blend adjuvants. Tank-mixing Callisto with atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Callisto label for other tank-mixtures.
thiencazone-methyl @ 0.13 lb/A + tembotrione @ 0.07 lb/A	Capreno @ 3 oz/A Add 1% v/v COC	Seedling and rhizome johnsongrass. Most annual grasses and broadleaf weeds.	Apply before corn exceeds 12 inches in height. Corn injury may occur if rainfall does not occur within 3 weeks after application. Do not use on fields treated with Counter; consult label. Tank-mixing Capreno with

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
			atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Capreno label for other tank-mixtures.
POSTEMERGENCE continued:			
dicamba @ 0.25-0.5 lb/A	Clarity or Banvel @ 0.5-1 pt/A Add 0.25% v/v NIS; consult label for precautions	Most broadleaf weeds	Apply after corn emergence before the 5-leaf stage or corn is 8 inches tall. During periods of rapid growth temporary leaning may occur. Do not cultivate until corn recovers. Do not use crop oil. May be used on corn 8-24 inches tall at a reduced rate; consult label. Tank-mixing Clarity or Banvel with atrazine at 1.0 lb/A and/or glyphosate (Roundup Ready corn) will broaden the spectrum of weeds controlled. See the Clarity or Banvel label for other tank-mixtures.
glyphosate ⁴ @ 0.94-1.05 lb/A + S-metolachlor @ 0.94-1.05 lb/A + mesotrione @ 0.09-0.11 lb/A	Halex GT ⁵ @ 3.6-4.0 pt/A Add 0.25% v/v NIS @ plus 8.5-17% w/v AMS	Most annual grass and broadleaf weeds; good residual control is tank-mixed with atrazine.	Glyphosate-tolerant Corn Only. Apply from emergence 30-inch tall corn or V8 growth stage. Do not use Halex GT if another HPPD inhibitor such as Callisto, Impact or Laudis has or will be used. Do not use on fields treated with Counter. Tank-mixing Halex GT with atrazine at 1.0 lb/A will broaden the spectrum of weeds controlled.
topramezone @ 0.016-0.02 lb/A + atrazine @ 1.14-1.53 lb/A	Impact Z @ 8-10.7 oz/A Add 1-1.5% v/v MSO If applied to small corn, use 0.25% v/v NIS	Annual grass and broadleaf weeds; higher rate required for annual grass control	Corn under environmental stress may show transient bleaching on leaves following application. Do not apply if corn greater than 12 inches tall. Should be tank-mixed with glyphosate to broaden weed spectrum.
tembotrione @ 0.08 lb/A	Laudis @ 3 oz/A Add 1% v/v MSO	Many broadleaf weeds. Laudis alone will not control most morningglories.	Apply before weeds are 4 inches tall. Do not use if Counter was used at planting. Consult label for other use restrictions. Tank-mixing Laudis with atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Laudis label for other tank-mixtures.
S-metolachlor @ 1.3 lb/A + atrazine @ 1.3 lb/A + mesotrione @ 0.168 lb/A	Lexar EZ @ 3 qt/A	Most small seeded grasses and broadleaf weeds	See comments in preemergence section. Apply before weeds emerge and corn is 12 inches tall. If weeds are present, apply with NIS at 1qt/100 gal. Do not apply with liquid fertilizer. Tank-mixing Lexar EZ with glyphosate (Roundup Ready corn) or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled. See the Lexar EZ label for other tank-mixtures.
glufosinate ⁵ @ 0.40 lb/A	Liberty 280 @ 22 oz/A	Many annual grasses and broadleaf weeds. Adhere to	Liberty Link Corn Only. Apply from emergence through V5. Apply before weeds are 2-3 inches tall with

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
		weed size restrictions on label or unsatisfactory control will result.	atrazine at 1.0 lb/A and/or residual grass herbicides. Refer to label for approved tank-mixes. Will not control large escaped grasses. Make no more than 2 applications per year. Do not apply more than 44 oz/year.
POSTEMERGENCE continued:			
halosulfuron-methyl @ 0.032-0.063 lb/A	Permit 75WG @ 0.67-1.33 oz/A Add 0.25% v/v NIS or 1% v/v COC	Purple and yellow nutsedge, common cocklebur	Apply to spiking corn thru layby. Do not exceed two applications with a total of 2 2/3 oz/A/season Permit. May tank-mix with other herbicides for broad-spectrum weed control; consult label. Consult label for recrop intervals and other information.
rimsulfuron @ 0.02 lb/A + mesotrione @ 0.08 lb/A	Realm Q @ 4 oz/A Add 0.25% v/v NIS or 1% v/v COC	Most annual grasses and broadleaf weeds	Do not apply to corn taller than 20 inches or plants with 7 or more collars. Do not apply to sweet corn. Do not tank-mix with organophosphate insecticide. Apply organophosphate insecticide either 7 days before or 3 days after Realm Q application. Tank-mix with atrazine, glyphosate or Liberty to broaden spectrum of weeds controlled. Glyphosate and Liberty in Roundup Ready or Liberty Link corn hybrids, respectively.
rimsulfuron @ 0.014 lb/A + thifensulfuron-methyl @ 0.003	Resolve Q @ 1.25 oz/A Apply with 1% v/v COC + 2 qt/A UAN	Improved grass and broadleaf weed control when mixed with other herbicides; consult label. Provides some residual control.	Apply to corn up to 20 inches tall or that has no more than 7 collars. An activating rainfall within 5-7 days of application is required for residual control. Do not use on fields treated with Counter; consult label. Tank-mixing atrazine at 1 lb/A and/or glyphosate (Roundup Ready corn) will broaden the spectrum of weed controlled.
glyphosate ^{4,5} @ 1-1.125 lb/A	Roundup PowerMax II @ 32 oz/A 4L formulations @ 32 oz/A	Most annual grasses and broadleaf weeds	Glyphosate-tolerant Corn Only. Apply from corn emergence until 8 leaves with collars (or 30 inches). Consult product labels for glyphosate products cleared on Roundup Ready corn. No more than 64 oz/A between emergence and V8 or 30 inches.
dicamba @ 0.138-0.276 lb/A + diflufenzopyr @ 0.05-0.1 lb/A	Status @ 5-10 oz/A Add 0.25% v/v NIS or 1% v/v COC or MSO	Most broadleaf weeds	Apply after corn is 4 inches tall (V2) up to 36 inches (V8). Do not apply within 15 days of tassel emergence. Do not mix with 2,4-D or more dicamba. Do not mix with EC formulation herbicides. Do not apply to stressed or injured corn. Tank-mixing Status with atrazine at 1.0 lb/A, glyphosate (Roundup Ready corn) and/or Liberty (Liberty Link corn) will broaden the spectrum of weeds controlled.
nicosulfuron @ 0.023 lb/A + rimsulfuron @ 0.012 lb/A	Steadfast Q @ 1.5 oz/A Add 1% v/v COC or MSO consult label for correct adjuvant system	Most annual grasses, johnsongrass and some broadleaf weeds. Better on	Apply to corn up to 20 inches tall. Do not apply after the V5 growth stage. Do not apply to corn treated with Counter 15 G; consult label for other restrictions. Tank-mixing Accent Q with atrazine at 1.0 lb/A and/or

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CORN^{1,2}			
Active Ingredient and Rate¹	Formulated Product and Rate	Weeds Controlled	Remarks and Precautions
	when mixing with other herbicides.	annual grasses than Accent alone.	glyphosate (Roundup Ready corn) will broaden the spectrum of weeds controlled. If tank-mixed with atrazine, observe 12-inch corn application limit. See the Steadfast Q label for other tank-mixtures.
DIRECT POSTEMERGENCE/LAYBY:			
paraquat @ 0.26-0.64 lb/A	Paraquat (2 lb/gal formulation) @ 16-40 oz/A; Paraquat (3 lb/gal formulation) @ 11-27 oz/A Add 0.25% v/v NIS	Annual grasses and weeds less than 4 inches tall	Apply after corn is 10 inches tall. Directed spray only. Avoid all spray contact with corn foliage. Use low pressure and large droplets. Use 20-40 GPA.
atrazine @ 1-2 lb/A	80 DF formulations @ 1.25-2.5 lb/A 90 DF formulations @ 1.1-2.2 lb/A 4L formulations @ 1-2 qt/A 5L formulations @ 0.8-1.6 qt/A	Most annual weeds	Apply after last cultivation when corn is 20-30 inches tall. Use drop nozzles to keep spray off corn leaves. Do not exceed a total of 2.5 lb/A/ season. Apply in 10-20 GPA.
diuron @ 0.6 - 0.75lb/A	Karmex DF @ 0.75-1.0 lb/A Direx 4L/Diuron 4L @ 1.25-1.5 pt/A	Most annual weeds	Apply after last cultivation when corn is 20 to 30 inches tall. Do not apply over top of corn. Apply as directed spray. Add surfactant if small weeds are present. Apply lower rate to light soil. Apply in 20 gal water per acre.
HARVEST AIDS:			
carfentrazone @ 0.016-0.031 lb/A	Aim @ 1-2 oz/A Add 1% v/v COC	Better on vines than pigweed, sicklepod, etc.	Apply after grain has begun to dry down. Use a minimum volume of 10 gallons by ground and 5 gallons by air. Do not apply within 3 days of harvest.
paraquat @ 0.3-0.5 lb/A	Paraquat (2 lb/gal formulation) @ 1.2-2 pt/A; Paraquat (3 lb/gal formulation) @ 0.8-1.3 pt/A Add 0.25% v/v NIS	Grasses and broadleaves	Apply after black layer has formed. Use a minimum of 20 gallons by ground or 5 gallons by air. Apply at least 7 days prior to harvest.
sodium chlorate @ 6 lb/A	6 lb/gal formulation @ 1 gal/A 5 lb/gal formulation @ 1.2 gal/A 3 lb/gal formulation @ 2 gal/A	Desiccation of green vegetation	Apply to corn field where grasses make harvest difficult. Apply at least 14 days before anticipated harvest date on clear days when temperatures are expected to exceed 70°F. DO NOT graze treated fields or feed fodder, forage or residual seeds within 14 days of application.

¹ Suggestions are for field corn grown for grain. Consult labels before using these herbicides on corn grown for seed or silage.

² Refer to the burndown section of this guide for suggestions on managing cool season weeds.

³ Metolachlor contains a 1:1 ratio of two metolachlor isomers (-R and -S). S-metolachlor contains only the -S isomer. The -S isomer has greater herbicidal activity than the -R isomer. On the herbicide label, the -R isomer is denoted by metolachlor while the -S isomer is denoted by acetamide -(s). Alternatively, if the trade names Bicep or Dual include the word "Magnum," the -S isomer is an active ingredient. If the trade name does not include "Magnum," the metolachlor -R:-S isomer ratio is 1:1.

⁴ For use only in Roundup Ready corn hybrids. Glyphosate-resistant Italian ryegrass, johnsongrass, Palmer amaranth and waterhemp have been documented in Louisiana.

⁵ For use only in Liberty Link corn hybrids.