

HERBICIDE TRAIT QUICK GUIDE



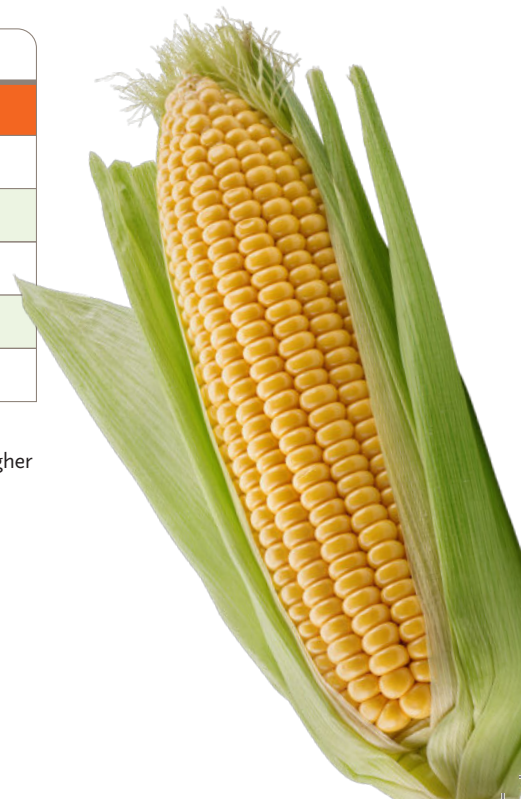
2026-27

Example product	Roundup	Liberty	Enlist One	Assure II	
herbicide active ingredient	glyphosate	glufosinate	2,4-D ¹ choline	quizalofop	GMO
CORN²					
conventional	X	X	X	X	no
glyphosate-resistant ³	✓	X	X	X	yes
LibertyLink	X	✓	X	X	yes
glyphosate-resistant + LibertyLink	✓	✓	X	X	yes
PowerCore Enlist	✓	✓	✓	✓	yes

¹ Several 2,4-D products can be applied in all field corn hybrids. The Enlist trait reduces the risk of crop injury from 2,4-D and allows for higher rates and applications to more corn growth stages.

² Many corn trait names refer to insect management traits. Consult the product information provided by the company for specific herbicide-resistant traits within these products.

³ Glyphosate-resistant includes Roundup Ready, Roundup Ready 2 Yield, and others. Check for "glyphosate-tolerant" or "glyphosate-resistant" on the seed label.



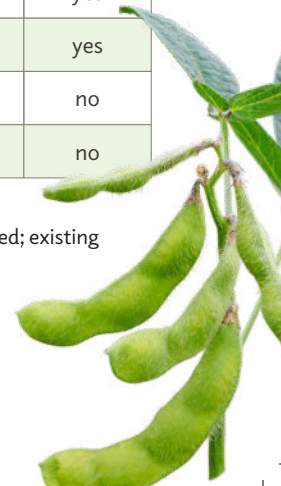
Example product	Roundup	Liberty	Enlist One	Engenia	Alite 27 ¹	Synchrony	
herbicide active ingredient	glyphosate	glufosinate	2,4-D choline	dicamba	isoxaflutole	sulfonyleureas ²	GMO
SOYBEAN							
conventional	X	X	X	X	X	X	no
glyphosate-resistant ³	✓	X	X	X	X	X	yes
XtendFlex	✓	✓	X	✓	X	X	yes
LibertyLink	X	✓	X	X	X	X	yes
Enlist E3	✓	✓	✓	X	X	X	yes
LibertyLink GT27	✓	✓	X	X	✓	X	yes
STS ⁴	X	X	X	X	X	✓	no
Bolt ⁴	X	X	X	X	X	✓	no

¹ Alite 27 is only labeled in certain states and certain counties. Consult the herbicide label to see if this is an option in your county. Production of this product has ceased; existing stocks may be available.

² Several sulfonyleurea herbicides are included in this trait: rimsulfuron, chlorimuron, halosulfuron, and thifensulfuron.

³ Glyphosate-resistant includes Roundup Ready, Roundup Ready 2 Yield, and others. Check for "glyphosate-tolerant" or "glyphosate-resistant" on the seed label.

⁴ STS and Bolt traits can be combined with other herbicide-resistant traits—for example, XtendFlex STS.



Example product	Roundup	Liberty	Enlist One	Engenia	Axant ISO ¹	
herbicide active ingredient	glyphosate	glufosinate	2,4-D choline	dicamba	isoxaflutole	GMO
COTTON						
conventional	X	X	X	X	X	no
glyphosate-resistant ²	✓	X	X	X	X	yes
glyphosate-resistant + LibertyLink	✓	✓	X	X	X	yes
LibertyLink	X	✓	X	X	X	yes
Roundup Ready Flex	✓	X	X	X	X	yes
Roundup Ready XtendFlex	✓	✓	X	✓	X	yes
Enlist	✓	✓	✓	X	X	yes
Axant Flex	✓	✓	X	✓	✓	yes

¹ This herbicide product is not currently registered for use in isoxaflutole-tolerant cotton, and is listed for educational purposes only.

² Glyphosate-resistant includes Roundup Ready, Roundup Ready 2 Yield, and others. Check for "glyphosate-tolerant" or "glyphosate-resistant" on the seed label.



Example product	Beyond Xtra	Aggressor AX	TriCor	
herbicide active ingredient	imazamox	quizalofop ¹	metribuzin	GMO
WHEAT				
conventional	X	X	X	no
Clearfield/Clearfield Plus	✓	X	X	no
CoAXium	X	✓	X	no
metribuzin-resistant	X	X	✓	no

¹ Aggressor AX also contains a safener





Example product	Zest	ImiFlex	FirstAct	
herbicide active ingredient	nicosulfuron	imazamox	quizalofop	GMO
SORGHUM¹				
conventional	X	X	X	no
Inzen	✓	X	X	no
igrowth	X	✓	X	no
Double Team	X	X	✓	no

¹ A safener seed treatment is needed when using S-metolachlor, acetochlor, dimethenamid, or other chloroacetamide herbicides

<i>Example product</i>	Roundup	Liberty	Beyond Xtra	Draft	
<i>herbicide active ingredient</i>	glyphosate	glufosinate	imazamox	sulfonylureas ¹	GMO
CANOLA					
conventional	X	X	X	X	no
glyphosate-resistant ²	✓	X	X	X	yes
LibertyLink	X	✓	X	X	yes
TruFlex	✓	X	X	X	yes
Clearfield	X	X	✓	X	no
Falco	X	X	X	✓	no

¹ Sulfonylurea herbicides for Falco canola include thifensulfuron and tribenuron.

² Glyphosate-resistant includes TruFlex Roundup Ready and others. Check for "glyphosate-tolerant" or "glyphosate-resistant" on the seed label.



<i>Example product</i>	Beyond Xtra/Postscript ¹	Newpath/Preface ¹	Provisia	Highcard	
<i>herbicide active ingredient</i>	imazamox	imazethapyr	quizalofop	quizalofop + safener	GMO
RICE					
conventional	X	X	X	X	no
Clearfield	✓	✓	X	X	no
FullPage	✓	✓	X	X	no
Provisia	X	X	✓	X	no
Max-Ace	X	X	X	✓	no

¹ Only certain brands of an active ingredient may be labeled for use in certain trait packages. Read and follow the product label carefully.



<i>Example product</i>	Roundup	
<i>herbicide active ingredient</i>	glyphosate	GMO
SUGARBEET		
conventional	X	no
Roundup Ready	✓	yes





Example product	Roundup	
herbicide active ingredient	glyphosate	GMO
ALFALFA		
conventional	X	no
Roundup Ready	✓	yes

Example product	Beyond Xtra	Express	
herbicide active ingredient	imazamox	tribenuron-methyl	GMO
SUNFLOWER			
conventional	X	X	no
Clearfield	✓	X	no
ExpressSun	X	✓	no



Read, understand, and follow the seed and herbicide product label. In some cases, only certain brands of an active ingredient may be labeled for use in a traited product. Not all herbicide products are labeled in every state, so make sure any products you apply are labeled for your use site. Commercial products named as examples are for educational purposes only; the U.S. Department of Agriculture (USDA) and Soy Checkoff do not endorse these products, nor recommend them over other products that may also be suitable. This guide is meant to be used for educational purposes and not to be the sole input for management decisions. Please refer to your local Extension service for information and advice on weeds in your area and how to manage these weeds.

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