

# The Handy Bt Trait Table - Sweet Corn Production

The latest version of the table is always posted at <https://www.texasinsects.org/bt-corn-trait-table.html>

For questions & corrections: Ben Phillips, Michigan State University ([benp@msu.edu](mailto:benp@msu.edu))

Contributor: Pat Porter, Texas A&M University (web site host)

**New January 2024**

## Corn 'events' (transformations of one or more genes) and their Trade Names

Trade name for trait	Event	Protein(s) expressed	Primary Insect Targets, <i>Herbicide Tolerance</i>
Seminis Performance Series	MON89034	Cry1A.105 + Cry2Ab2	corn borer & several caterpillar species
	MON88017	Cry3Bb1 + EPSPS	rootworm & <i>glyphosate</i>
Syngenta Attribute I Series	Bt11	Cry1Ab + PAT	corn borer + <i>glufosinate</i>
Syngenta Attribute II Series	Bt11	Cry1Ab + PAT	corn borer + <i>glufosinate</i>
	MIR162	Vip3Aa20	broad caterpillar control, except for corn borer
	GA21	<i>mEPSPS</i>	<i>glyphosate</i>
Syngenta Attribute Plus Series	Bt11	Cry1Ab + PAT	corn borer + <i>glufosinate</i>
	MIR162	Vip3Aa20	broad caterpillar control, except for corn borer

### Abbreviations used in the Table

RR Roundup Ready / glyphosate-tolerant  
 LL Liberty Link / glufosinate-tolerant  
 CR corn rootworm

BCW black cutworm  
 CEW corn earworm  
 ECB European corn borer  
 FAW fall armyworm

SCB sugarcane borer  
 SWB southwestern corn borer  
 TAW true armyworm  
 WBC western bean cutworm

Bt Sweet corn packages & associated varieties in alphanumeric order	Bt protein(s)	Marketed for control of:										Resistant populations	Herbicide protein(s)	Herbicide Tolerance			
		B	C	E	F	S	S	T	W					RR	LL		
		C	E	C	A	C	W	A	B	C	R						
<u>Seminis Performance Series</u> Anthem XR II, sh2, bicolor Devotion II, sh2, white Obsession II, sh2, bicolor Passion II, sh2, yellow Starfighter II, sh2, white SV9010SA, sh2, bicolor SV9012SD, sh2, yellow SV9014SB, syn, bicolor Temptation II, se, bicolor Tigershark II, sh2, bicolor	Cry1A.105 + Cry2Ab2 + Cry3Bb1		x	x	x	x	x						x				
<u>Syngenta Attribute I Series</u> BC0528, syn, bicolor BC0805, syn, bicolor BSS0977, sh2, bicolor WH0809, syn, white	Cry1Ab		x	x	x	x								CEW	PAT		x
<u>Syngenta Attribute II Series</u> Matriarch, sh2, bicolor Protector, sh2, yellow Quick Trip, syn, bicolor Remedy, syn, bicolor Revision, syn bicolor	Cry1Ab + Vip3A	x	x	x	x	x	x	x	x						EPSPS + PAT	x	x
<u>Syngenta Attribute Plus Series</u> BSS0761, sh2, bicolor Crown, sh2, yellow Milky Way, syn, white Patriarch, sh2, bicolor	Cry1Ab + Vip3A	x	x	x	x	x	x	x	x						PAT		x