

## Sweet Corn Hybrid Tolerance Ratings

The tolerance of these sweet corn hybrids to postemergence applications of Accent and Callisto was evaluated in field trials from 2005 to 2007 at multiple locations across the US. These tolerance ratings are based on early season visual ratings of injury. The ratings are provided as a guide to understand the risk of potential herbicide injury. Herbicide labels, herbicide companies, and seed companies may also make herbicide use recommendations that should be followed. Always read and follow the herbicide label and follow the label's precautions to reduce the risk of herbicide injury.

<b>T = Tolerant</b>	Low risk of injury or limited symptoms
<b>I = Intermediate</b>	Occasional, noticeable injury possible; avoid risky conditions (weather extremes, overlaps, etc.)
<b>S = Sensitive</b>	Noticeable injury possible; use herbicide at your own risk; use special precautions
<b>HS = Highly Sensitive</b>	Severe injury likely, herbicide use is not recommended

Hybrid	Company	Accent	Callisto	Hybrid	Company	Accent	Callisto
Accord	Mesa Maize	I	I	Double Up	Rogers	I	T
Alexis	Crookham	T	I	Dynamo	Harris Moran	S	HS
Ambrosia	Crookham	T	T	Early Gold	Harris Moran	I	I
Applause	Crookham	T	I	Eliminator	Crookham	S	I
Argent	Crookham	S	HS	Empire	Snowy River	I	I
Basin R	Seminis	S	S	Enterprise	Snowy River	T	T
Bliss	Snowy River	T	T	Equinox	Crookham	T	T
Bodacious	Crookham	I	I	Everest	Snowy River	I	T
Bojangles	Crookham	I	S	Fleet	Crookham	S	T
Bold	Rogers	S	I	Frosty	Crookham	T	T
Bon Appetit TSW	Mesa Maize	T	T	Gateway	Rogers	S	T
Bon Jour TSW	Mesa Maize	I	T	GH 2042	Rogers	S	S
Breeders Choice	Mesa Maize	T	T	GH 2171	Rogers	I	T
Brocade TSW	Mesa Maize	I	T	GH 2669	Rogers	S	I
BSS 3495	Rogers	T	T	GH 4927	Rogers	S	I
Cahill	Rogers	S	I	GH 6014	Rogers	S	I
Cameo	Crookham	I	T	GH 6223	Rogers	S	T
Captivate	Crookham	I	I	GH 6377	Rogers	-	S
Cascade	Crookham	S	T	GH 6462	Rogers	I	T
Cavalry	Harris Moran	S	T	GH 8267	Rogers	S	S
Celestial	Crookham	S	HS	GSS 1303	Rogers	T	I
Challenger	Seminis	T	T	GSS 1477	Rogers	S	S
Charmed	Crookham	I	T	GSS 2008	Rogers	T	T
Chase	Seminis	S	I	GSS 2914	Rogers	S	HS
Chief Ouray	Mesa Maize	S	I	GSS 4165	Rogers	T	T
Cinderella	Crookham	T	I	GSS 5649	Rogers	-	I
CNS710 rust	Crookham	S	T	GSS 6550	Rogers	-	S
Coho	Harris Moran	S	I	GSS 6564	Rogers	I	T
Colombus	Snowy River	S	I	Harvest Gold	Seminis	I	I
Colonial	Rogers	I	T	HM 2390	Harris Moran	T	T
Dasher	Crookham	I	T	HMX 4380BES	Harris Moran	T	T
Delectable	Crookham	I	S	HMX 4383S	Harris Moran	I	I
Devotion	Seminis	S	S	HMX 4387WS	Harris Moran	I	I
DMC 21-84	Del Monte	S	-	HMX 4388S	Harris Moran	S	S
DMC 21-86	Del Monte	S	-	HMX 4394	Harris Moran	I	T
Double Gem	Mesa Maize	S	T	HMX 4396S	Harris Moran	I	T

Hybrid	Company	Accent	Callisto
Holiday	Crookham	I	T
Hollywood	Seminis	S	S
How Sweet It Is	Crookham	S	HS
Ice Queen	Harris Moran	T	T
Iceberg	Harris Moran	T	T
Incredible	Crookham	I	I
Jubilee	Rogers	S	I
Kokanee	Harris Moran	I	T
Kristine	Crookham	I	I
Lancaster	Snowy River	I	T
Lancelot	Mesa Maize	T	T
Legacy	Harris Moran	T	T
Luscious TSW	Mesa Maize	I	I
Maestro	Crookham	I	I
Magnum II	Rogers	-	T
Marvel	Crookham	I	T
Max	Harris Moran	S	T
Merit	Seminis	HS	HS
Merlin	Mesa Maize	I	I
Miracle	Crookham	I	I
Misquamicut	Mesa Maize	T	T
Montauk	Mesa Maize	I	T
Mystique	Crookham	S	HS
Nantasket	Mesa Maize	T	T
Native Gem	Mesa Maize	I	T
Obsession	Seminis	I	T
Optimum	Crookham	I	T
Overland	Rogers	I	I
Passion	Seminis	I	T
Polaris	Harris Moran	I	T
Polka	Crookham	T	T
Precious Gem	Mesa Maize	I	I
Prelude	Snowy River	I	T

Hybrid	Company	Accent	Callisto
Prime Plus	Rogers	T	T
Protégé	Rogers	S	T
Providence	Rogers	I	I
Punch	Snowy River	S	S
Ranger	Harris Moran	I	T
Reflection	Harris Moran	T	T
Renaissance	Harris Moran	T	T
Revelation	Harris Moran	I	T
Rising Sun	Snowy River	T	T
Rocker	Rogers	T	T
Rustler	Harris Moran	T	T
Sentinel	Harris Moran	I	S
Sheba	Seminis	T	T
Sheba R	Seminis	T	T
Silver Queen	Rogers	I	I
Sockeye	Harris Moran	I	T
Spring Treat	Mesa Maize	T	T
SS Jubilee Plus	Rogers	S	I
Sugar Buns	Crookham	T	T
SugarPearl TSW	Mesa Maize	T	T
Suregold	Harris Moran	S	S
Surpass	Crookham	T	T
Symmetry	Crookham	S	HS
Tamarack	Crookham	I	S
Temptation	Seminis	T	T
Trinity	Crookham	T	S
Turbo	Harris Moran	S	S
Tuxedo	Mesa Maize	T	T
Valor	Crookham	T	T
Venus	Crookham	I	T
Welcome TSW	Mesa Maize	S	T
Whiteout	Mesa Maize	T	T
Winstar	Rogers	S	T

## Additional Management for Accent and Callisto Applications in Sweet Corn

### **Accent**

Apply Accent to sweet corn up to 12-inches tall or to plants with 5 or fewer leaf collars (V5). Drop nozzles can be used to apply Accent to 12- to 18-inch tall sweet corn, but do not apply Accent to sweet corn with 6 or more leaf collars (V6). In addition to following the label's directions, follow the additional instructions to limit the potential for sweet corn hybrid injury.

**Tolerant:** Low risk of visual injury or symptoms. Follow label directions. No additional precautions are recommended to prevent crop injury.

**Intermediate:** Occasional noticeable injury possible. Do not apply Accent during extreme weather conditions. Avoid overlaps or spraying excessive rates into the whorl. Consider using drop nozzles to limit contact with sweet corn. Consider using nonionic surfactant instead of crop oil concentrate to reduce risk of crop injury. However, this may reduce weed control.

**Sensitive:** Noticeable injury is likely. Accent applications are not recommended unless making a "rescue" application. Use drop nozzles to limit contact with sweet corn. Do not apply during extreme weather conditions. Use nonionic surfactant instead of crop oil concentrate to reduce risk of crop injury. However, this may reduce weed control. Avoid overlaps.

**Highly Sensitive: DO NOT** apply Accent to these hybrids. Crop death is likely.

### **Callisto**

Apply Callisto before sweet corn exceeds 30 inches or before the 8 leaf collar stage (V8). Do not add ammonium sulfate or urea ammonium nitrate (28%) to the spray mix. In addition to following the label's directions, follow the additional instructions to limit the potential for sweet corn hybrid injury.

**Tolerant:** Low risk of visual injury or symptoms. Follow label directions. No additional precautions are recommended to prevent crop injury.

**Intermediate:** Occasional noticeable injury possible. Do not apply Callisto during extreme weather conditions. Avoid overlaps. Consider using nonionic surfactant instead of crop oil concentrate to reduce risk of crop injury. However, this may reduce weed control.

**Sensitive:** Noticeable injury likely. Do not apply Callisto during extreme weather conditions. Use nonionic surfactant instead of crop oil concentrate to reduce risk of crop injury. However, this may reduce weed control. Avoid overlaps.

**Highly Sensitive:** Significant bleaching of sweet corn leaves is possible, but plants should recover. Use drop nozzles to limit contact with sweet corn. Do not apply Callisto during extreme weather conditions. Use nonionic surfactant instead of crop oil concentrate to reduce risk of crop injury. However, this may reduce weed control. Avoid overlaps.

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