

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.

| | |
|------------------------------|---|
| T = Tolerant | Low risk of injury or limited symptoms |
| I = Intermediate | Occasional, noticeable injury possible; avoid risky conditions (weather extremes, overlaps, etc.) |
| S = Sensitive | Noticeable injury possible; use herbicide at your own risk; use special precautions |
| HS = Highly Sensitive | 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.

C. Boerboom and J. Bollman, University of Wisconsin-Madison in collaboration with R. Becker, University of Minnesota, R. Bellinder, Cornell University, D. Morishita, University of Idaho, E. Peachey, Oregon State University, and M. VanGessel, University of Delaware.

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The logo for UW Extension, featuring the letters "UW" in a small font above the word "Extension" in a larger, bold, blue font with a white outline.