Giant Miscanthus Weed Control

Giant Miscanthus
Giant Miscanthus (Miscanthus × giganteus) is a warm-season perennial grass with promising benefits as a commercial biomass crop in the United States. Giant Miscanthus originates from Southeast Asia and is a sterile hybrid of *M. sacchariflorus* and *M. sinensis*, two common ornamental grasses.

Weed Control
Weed control in Giant Miscanthus is crucial for establishing a successful and healthy stand that can last 30+ years. The first two years are most critical, with little weed management thereafter. Planting Miscanthus into weed-free fields following an herbicide-tolerant crop can reduce weed pressure during the two-to-three-year establishment period.

Herbicides
There are very few labeled herbicides for use on Miscanthus fields, but the following herbicides have been shown to control weeds with no Miscanthus injury.

Pre-emergents¹:
- Prowl® (pendimethalin)
- Harness® (acetochlor) *
- Harness® Xtra (acetochlor + atrazine) *

*Labeled

Post-emergent¹:
- Callisto® (mesotrione)
- 2, 4-D
- Dicamba
- Atrazine

Mechanical, inter-row cultivation can be used for weed control during the early part of the first growing season.