



# CORN APPLICATION TIPS

**ACTIVE INGREDIENTS:**

Pyridate (Carbonothioic acid, O-(6-chloro-3-phenyl-4-pyridiziny) S-octyl ester):..... 56.07%

**OTHER INGREDIENTS:** ..... 43.93%

**TOTAL:** ..... 100.00%

\* Contains 5 lbs of pyridate per gallon of product

**QUICK FACTS:**

- **POSTEMERGENCE, contact activity only**
- **RAINFAST within 1 hour**
- **NO RESIDUAL or rotation restrictions**
- **GROUP 6 – Proven And Effective MOA**
- **WIDE WINDOW Of Application (Emergence To 8 Leaf Stage)**

**Mode of Action:**

- **Photosynthesis II inhibitor**
- **Targets unique pathway within the PSII group of herbicides (Groups 5, 6 & 7)**
- **WSSA Classification: Group 6**
- **No known cross-resistance to other PSII's**

**WEEDS CONTROLLED\***

Amaranth, Palmer (Carelessweed)  
Amaranth, spiny (Spiny pigweed)  
Corn, chamomile  
Corn, spurry  
Kochia

Lambsquarters, common  
Mayweed chamomile  
Pigweed, fringed  
Pigweed, prostrate  
Pigweed, redroot

Pigweed, smooth  
Pigweed, tumble  
Purslane, common  
Waterhemp, tall  
Waterhemp, common

**TANK MIX PARTNERS**

Tank mixing with other herbicides labeled for corn can be used to **include a different mode of action** to help control or **manage the development of resistant weed biotypes**. University field trials have proven a **synergistic effect with HPPD's** such as Mesotrione (Callisto®), Topramezone (Impact®, Armezon®), Tolpyralate (SHIELDEX®), and Tembotrione (Laudis®). In addition, trials with Atrazine (AAtrex®) and products such as Status®, have shown **TOUGH® 5EC enhances the speed of kill and increases weed control**. See product label for complete list of tank mix partners.

**RECOMMENDED RATE**

Apply TOUGH® 5EC at **8 oz per acre in tank mixture** with other products labeled for corn.

**RECOMMENDED APPLICATION**

For optimum performance, apply TOUGH® 5EC in sufficient water (**15 gal per acre minimum; 20-30 gal per acre**), with flatfan nozzles (80 or 110°) to produce medium/coarse sized droplets, at a pressure of 30 - 40 psi to ensure proper coverage. Nozzles may be angled forward 45° to enhance penetration of the crop providing better coverage. In-line strainer and nozzle screens in the sprayer 50-mesh or coarser should be used. **Thorough coverage of target weeds is required for optimum results.** Adjuvants (NIS, COC, MSO, or fertilizers) may be used with TOUGH® 5EC on corn.

**RECOMMENDED TIMING**

Can be applied from emergence to 8 leaf stage. For optimum control, **apply on small weeds** (fewer than 4 leaves) 3 - 5 inches in size.

\* See Label for complete list of weeds controlled

Refer to individual product labels for precautionary statements, restrictions, rates, approved uses and a list of weeds controlled. Read entire product label prior to use.

EPA Reg. No. 91746-5

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