

# Innovation with Integrity

# Shieldex 400SC

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# Tolpyralate

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*Innovation with Integrity™*

# Shieldex 400SC

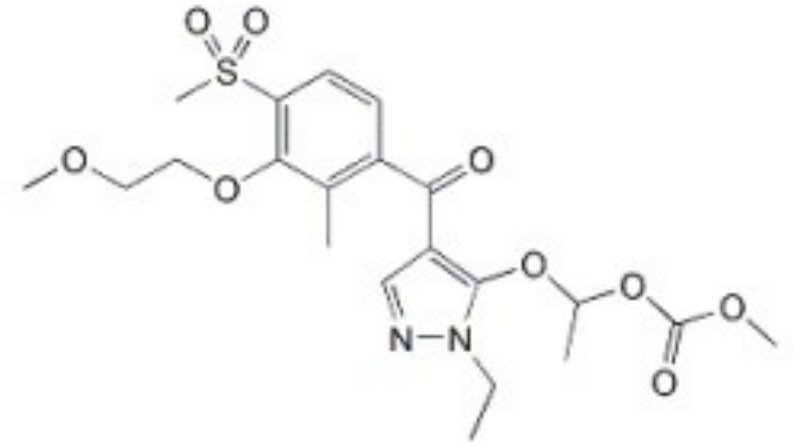


**Development Code:** SL-573

**Mode of Action:** HPPD Inhibitor - WSSA Group 27 (HRAC Class F2)

Inhibition of carotenoid biosynthesis  
(Pigment synthesis inhibitor)

**Formulation:** soluble concentrate (400 g/L)



## General Use Information:

- ***Postemergence Activity:*** Tolpyralate is a postemergence herbicide used for selective control of broadleaf and grass weeds.
  - Best performance has been observed when applied to young, actively growing weeds (generally, when weeds are < 5 inches tall).
- ***Preemergence Activity:*** Tolpyralate provides limited preemergence activity.

# Shieldex 400SC



Tolpyralate controls a wide range of broadleaf and grass weed when applied at labeled rates

Currently labeled for control of over 25 broadleaf and 10 grass species



Control

Sikkema, UG



Shieldex + atrazine

Sikkema, UG

- General Use Information:
  - ***Crop Tolerance:*** When tolpyralate has been applied postemergence in corn, little to no crop injury or phytotoxicity has been observed.
- Current Crop Uses:
  - ***Corn (Field, Sweet, and Popcorn).***

Crop	Replant and Rotational Intervals (Months)
<b>Corn (field corn, sweet corn, and popcorn)</b>	Immediate
<b>Barley, grass (grown for seed or forage), oats, rye, and wheat</b>	3
<b>Alfalfa, bean (dry), bean (green; including seed production), bean (snap), cabbage, canola, cotton, pea (field and edible), peanut, potato, rice, sorghum, soybean, cucurbits, sunflower, and tomato</b>	9
<b>All other crops</b>	12
<b>Sugar beets</b>	18