

Product Profile

DuPont™ Cinch® ATZ herbicide

DuPont™ Cinch® ATZ herbicide contains S-metolachlor and atrazine, providing improved weed control. Cinch® ATZ also contains benoxacor, a safener, that enhances the corn plant's ability to breakdown S-metolachlor (Cinch®), protecting the corn plant from possible herbicide injury. Cinch® ATZ herbicide provides excellent control of most annual broadleaf weeds and grasses in corn and sorghum.

Formulation: A liquid formulation containing 5.5 pounds a.i. (2.4 pounds S-metolachlor + 3.1 pounds atrazine per gallon).

Application: Ground: Apply in minimum of 10 gallons per acre water or liquid fertilizer carrier; or impregnated on 200 to 700 pounds of dry fertilizer carrier levels.

Aerial: Apply in water at minimum of 2 gallons total spray volume per acre.

Timing: Early Preplant surface application as a split application of 2/3 use rate from 30 to 45 days before planting, with the balance 1/3 use rate at planting, or apply as a single application up to 30 days prior to planting.

Preplant Incorporate with 2-inch tillage within 14 days before planting.

Preemergence at or shortly after planting before weeds emerge.

Postemergence broadcast before corn exceeds 5 inches and weeds exceed 2-leaf stage, or post directed sprayed to corn from 5 inches to 12 inches in height.

Crops: Corn (all types) or Concep or Screen treated grain or forage sorghum.



Weeds Controlled:

- Barnyardgrass (watergrass)
- Carpetweed
- Chickweed
- Cocklebur**
- Crabgrass
- Crowfootgrass
- Cupgrass: prairie, southwestern, woolly*
- Foxtail: giant, green, yellow
- Galinsoga
- Goosegrass
- Henbit
- Jimsonweed
- Johnsongrass, seedling*
- Lambsquarters
- Millet, foxtail
- Morningglory
- Mustards
- Nightshades
- Nutsedge, yellow**
- Panicum: browntop, fall
- Pigweed
- Purslane, common
- Pusley, Florida
- Ragweed: common, giant**
- Red rice
- Sandbur*
- Shattercane*
- Sicklepod*
- Signalgrass** (*Brachiaria*)
- Smartweed
- Sorghum, volunteer*
- Velvetleaf**
- Waterhemp
- Witchgrass

* Partial control
 ** Control may be erratic, especially under dry weather. Refer to the label for additional information.

Cinch® ATZ Use Rates:

(pints/acre)	less than 3% organic matter (OM)			more than 3% organic matter (OM)		
	Coarse	Medium	Fine	Coarse	Medium	Fine
Corn-EPP	4.2 ¹	4.2-5.2	4.2-5.2	4.2 ¹	4.2-5.2	4.2-5.2
Corn-PP, PPI, PRE	2.6	3.2	4.2	3.2	4.2	4.2-5.2
Corn No-Till ²	3.2	4.2	4.2-5.2	3.2	4.2	4.2-5.2
Concep/Screen Treated	Coarse soils any OM		Medium or fine soil texture			
			<1% OM	1 - 1.5% OM	>1.5% OM	
Sorghum-EPP	Do Not Use		Do Not Use	4.2-4.66 pts	4.66-5.2 pts	
Sorghum-PP, PPI, PRE	Do Not Use		Do Not Use	3.2-4.2 pts	3.2-4.2 pts	
Sorghum No-Till ²	Do Not Use		Do Not Use	3.2 pts	3.6-4.2 pts	

¹ Apply within 2 weeks before planting.

² For No-Till burndown, see product label tank mix herbicide selections.

Corn Postemergence Application:

DuPont™ Cinch® ATZ may be applied postemergence to corn.

Application method	Corn height range	Weed height range
Broadcast (Early POST)	0-5 inches	less than 2-leaf stage
Post Directed (Layby)	5-12 inches	less than 2-leaf stage
Post Grass Tank Mix	0-12 inches	less than 2-leaf stage

Cinch® ATZ Post Broadcast Use Rates:	Coarse:	3.2 pt per acre
	Medium:	4.2 pt per acre
	Fine:	4.2-5.2 pt per acre

Do not exceed a total of 6.5 pt per acre of Cinch® ATZ (soil and post) per corn crop.

Postemergence Weeds Controlled:

Barnyardgrass (watergrass)
 Cocklebur
 Crabgrass
 Crowfootgrass
 Flixweed
 Foxtail: giant, green, yellow
 Jimsonweed
 Kochia
 Lambsquarters
 Morningglory
 Mustard
 Nutsedge, yellow*
 Panicum, fall
 Pigweed
 Purslane
 Ragweed, common
 Sida, prickly
 Smartweed
 Velvetleaf
 Waterhemp

* Partial control

Note: Do not exceed maximum atrazine use rates defined by label. Follow all setback restrictions for atrazine containing products.

For more information

To learn more about DuPont™ Cinch® ATZ herbicide, contact your DuPont crop protection retailer or DuPont district sales manager. And visit us on the Web at cinchatz.dupont.com.

Cinch® ATZ and atrazine are restricted-use pesticides. Always read and follow all label directions and precautions for use.

This reference guide is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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