

# Reglone Ion on canola

Optimizing desiccation to maximize harvest efficiency  
in pod-integrity canola varieties.



syngenta<sup>®</sup>

# Take control of your harvest

Reglone® Ion desiccant can help producers who have invested in pod-integrity canola varieties take control of their harvest. Reglone Ion is a true desiccant, working on contact to burst the water-filled surface of the plant for faster dry down than other harvest aids. A desiccated canola crop will thresh more smoothly and easily, so producers can start combining sooner and run faster, getting more acres done in a day.

Field selection, crop staging and proper application are important for a successful Reglone Ion pre-harvest application in canola.

## Field selection

### Reglone Ion is a good desiccation choice for canola fields that:

- Are seeded to a pod-integrity variety
- Have a good plant stand leading to uniform maturity that will assist in easier staging
- Have low weed populations after herbicide application(s)
- Have minimal disease and/or insect damage throughout the growing season
- Are well-knitted and slightly lodged



**A good rule of thumb is that if the field is one you want to show off to family and friends, it's likely a good candidate for Reglone Ion. Get that great crop in the bin earlier and more efficiently.**



# Crop staging

**It is critical to get application timing right. Because Reglone Ion is a true desiccant, it will not mature the crop, and green seed levels will not decrease after application. To properly stage the crop:**

1. Look for brown colouring in the upper pods and stems. You should not see any yellow or green.
2. Listen for a rattle in your pods. Mature seeds are loose in the pod and rattle when the plant is shaken.
3. Strip out seeds from several areas of the field. The crop is ready when 90% of each plant has seeds that have turned completely brown.



If more than 10% of the field is not ready, plan to treat those less mature areas separately.

## Application best practices

Weather, spray timing, sprayer speed, boom height and water volume all play roles in successful application of Reglone Ion in canola.



### Weather

- Reglone Ion is activated by sunlight. Spraying in low light scenarios (cloudy days, evenings) gives the product time to spread over the plant before activation
- Reglone Ion is rainfast in 15 minutes



### Sprayer tips

- Thorough coverage and maximum canopy penetration are critical to success
- Maintain a slow, steady speed
- Optimal boom/spray nozzle height is 20 inches above the canopy
- Optimize the sprayer nozzle pattern for good canopy penetration



### Timing

- Spray when 90% or more of the individual seeds have turned brown on entire plants across the whole field
- Combine as soon as the crop has dried down



### Application rate

- Apply at 0.83 L/ac



### Water volume

- Use high water volume for maximum plant coverage
- Ground: 20 gal/acre\*
- Air: 4.0 gal/acre\*

\*imperial gallons

# Reglone Ion versus glyphosate

Because it's a true desiccant, Reglone Ion works differently than glyphosate alone and glyphosate + Heat® LQ herbicide to dry down canola ready for straight cutting.

Product	Primary driver	Application timing	Dry down time
<b>Reglone Ion</b>	Fast crop dry down	90%+ brown seed	Fastest option—harvest when dry
<b>Glyphosate alone</b>	Perennial weed control	Majority of seeds yellow to brown; < 30% moisture	Weather dependent—up to three weeks
<b>Glyphosate + Heat® LQ</b>	Perennial weed control and crop dry down	75% seed colour change	14-21 days

**If weed control is the main goal...**

growers should use a glyphosate option

**If rapid dry down is the main goal...**

growers should choose Reglone Ion.

## Reglone Ion at-a-glance

- Contains the only active ingredient that is a true desiccant
- Built-in adjuvant – easier to mix, more accurate
- Works on contact
- More efficient dry down for better time management and faster harvest
- Diquat molecule is highly effective
  - » Product spreads over plant surface
  - » Activated by sunlight
  - » Ruptures cell walls on plant surface for faster, more effective dry down than glyphosate and Heat® LQ

For more information, visit [Syngenta.ca](http://Syngenta.ca), contact our Customer Interaction Centre at 1-877-SYNGENTA (1-877-964-3682) or follow @SyngentaCanada on Twitter.