

# Reglone Ion on canola

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



syngenta®





# Take control of your harvest

Reglone® Ion desiccant can help producers who have invested in pod-shatter 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.

## What does combine efficiency mean anyway?

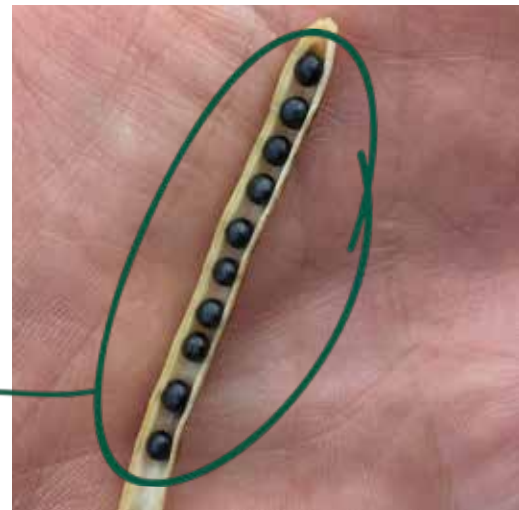
- Less time on the combine
- More acres harvested quickly
- Less fuel and combine wear
- Less waiting for the crop to test with sufficiently low moisture
- Less uptake of moisture by the crop after a rain event, so you can get going again sooner
- Uniform moisture
- Smoother combining and less operator fatigue



# Crop staging

**To get the most out of a Reglone Ion application, remember that it is a true desiccant and stage the application accordingly:**

1. Look for brown colouring in the upper pods and stems. The crop should be shifting from green in colour to yellowish-brown.
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. Aim for when the crop has 90% brown seeds throughout the plants.



## 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



### 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



### 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

# Reglone Ion versus glyphosate

Because it's a true desiccant, Reglone Ion works differently than systemic herbicides like glyphosate to dry down canola ready for straight cutting.

Product	Primary driver	Application timing	Dry down time
Reglone Ion	Fast crop dry down	90% brown seed	Fastest option—harvest when dry
Glyphosate (systemic herbicide)	Perennial weed control	Majority of seeds yellow to brown; < 30% moisture	Weather dependent—up to three weeks

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
  - 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 photosynthesis
    - Ruptures cell walls on plant surface for faster, more effective dry down than systemic herbicides

For more information, visit [Syngenta.ca](http://Syngenta.ca), contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682) or follow @SyngentaCanada on Twitter.