

# Resicore® XL

## HERBICIDE

## Proven weed control, crop safety & application flexibility

Resicore® XL herbicide is a preplant, pre- and post-emergence, encapsulated herbicide that provides powerful weed control of more than 75 broadleaf weeds and grasses. Resicore XL herbicide offers farmers greater application flexibility on corn up to 24 inches in height and versatility from preplant up to postemergence. Resicore XL also comes equipped with enhanced features, such as increased crop safety, improved handling and tank-mix compatibility, which ultimately leads to greater yield potential.

### Features

- 3 modes of action – acetochlor (Group 15), mesotrione (Group 27), clopyralid (Group 4) – for control of the toughest weeds
- Acetochlor and Clopyralid offer growers a greater level of control on small- and large-seeded broadleaf weeds
- Versatility as preplant, pre- and post-emergence herbicide
- Wider application window post-emergence in corn
- A fit for a wide variety of agronomic programs – conventional, reduced and no-till
- Encapsulated acetochlor for increased crop safety.
- Improved handling and tank-mixing compatibility with key micro-nutrients , such as UAN and Ammonium Thiosulfate
- Tank-mix flexibility with glyphosate, atrazine and other corn herbicides for greater weed control

### Benefits

- Strong residual – up to 8 weeks – for cleaner fields longer
- Control of more than 75 broadleaf weeds and grasses, including Palmer amaranth, waterhemp, marehail and giant ragweed
- Greater yield potential through long-lasting weed control
- Option to customize application rates and timing to fit each farm's needs
- Increased crop safety leads to healthier corn and higher yield potential
- Wider window of application to help navigate challenging weather conditions

### Application recommendations

**Application rate:** 1.4 – 3.25 qt/A

#### Spray volume applications:

Preplant or preemergence: 10 – 80 gal/A  
Postemergence: 10 – 30 gal/A

**Proposed application timing:** preplant, pre- and post-emergence (wider application window than current options in Corteva Agriscience™ corn herbicide portfolio)

- For use on field corn, field seed corn, field silage corn and yellow popcorn (pre only).
- DO NOT apply Resicore XL more than 28 days prior to planting
- An additional 0.25 qt/A may be used in areas of heavy weed infestation
- DO NOT exceed 3.25 qt/A of Resicore XL per season
- Resicore XL should not be used on soils with greater than 10 percent organic matter

#### Proposed Resicore XL use rates:

| Soil Texture | Soil organic matter content: |               |
|--------------|------------------------------|---------------|
|              | Less than 3%                 | 3% or greater |
| Coarse       | 2.25 qt/A                    | 2.5 qt/A      |
| Medium       | 2.5 qt/A                     | 2.75 qt/A     |
| Fine         | 2.75 qt/A                    | 3 qt/A        |

### Crop rotation interval

| Crop  | Rotation interval* (months) |
|---|-----------------------------|
| Corn (field, seed, silage), yellow popcorn  | Anytime <sup>1</sup>        |
| Wheat   | 4                           |
| Alfalfa <sup>2</sup> , barley, millet (pearl and proso), oats, rice, rye, sorghum <sup>3</sup> , soybean <sup>4</sup> , sunflower <sup>4</sup> , sweet corn | 10.5 <sup>5</sup>           |
| Cotton  | 12                          |
| All other rotational crops  | 18                          |

\* Minimum number of months that must pass before planting other crops after application of Resicore XL herbicide.

<sup>1</sup> Do not make a second application of Resicore XL if the original corn crop is lost.

<sup>2</sup> Idaho, Nevada, Oregon, Utah, and Washington: 12 months, areas receiving greater than 18 inches of annual rainfall, excluding irrigation; 18 months, areas receiving less than 18 inches of annual rainfall, excluding irrigation. All other states: 10.5 months.

<sup>3</sup> Idaho, Nevada, Oregon, Utah, and Washington: 12 months. All other states: 10.5 months.

<sup>4</sup> Florida: 18 months. Idaho, Nevada, Oregon, Utah, and Washington: 12 months, areas receiving greater than 18 inches of annual rainfall, excluding irrigation; 18 months, areas receiving less than 18 inches of annual rainfall, excluding irrigation. All other states: 10.5 months for soils greater than 2% organic matter AND rainfall more than 15 inches during 12 months following applications; 18 months for soils less than 2% organic matter and rainfall less than 15 inches during 12 months following applications.

<sup>5</sup> In the High Plains and Intermountain areas of the West, where rainfall is sparse and erratic or where irrigation is required, use Resicore XL only when corn or sorghum is to follow field corn, or a crop of untreated corn or sorghum is to precede other rotational crops.



Resicore XL @ 2.75 qt/acre, 39 days after application (Nebraska)



Resicore XL @ 2.75 qt/acre, 48 days after application (Missouri)



Resicore XL @ 2.75 qt/acre, 28 days after application (Iowa)

## Preplant or preemergence weed control

## Grasses/sedges

|                               |    |  |   |                               |    |                               |    |                                |    |
|-------------------------------|----|--|---|-------------------------------|----|-------------------------------|----|--------------------------------|----|
| Barnyardgrass                 | C  | Foxtail, <i>bristly</i>                | C | Johnsongrass, <i>seedling</i> | PC | Panicum, <i>fall</i>          | C  | Signalgrass, <i>narrowleaf</i> | C  |
| Crabgrass species             | C  | Foxtail, <i>giant</i>                  | C | Millet, <i>foxtail</i>        | C  | Panicum, <i>Texas</i>         | PC | Sprangletop, <i>red</i>        | C  |
| Crowfootgrass                 | C  | Foxtail, <i>green</i>                  | C | Millet, <i>wild proso</i>     | PC | Rice, <i>red</i>              | C  | Starbur, <i>bristly</i>        | C  |
| Cupcrass, <i>prairie</i>      | C  | Foxtail, <i>robust (purple, white)</i> | C | Nutsedge, <i>yellow</i>       | C  | Sanbur, <i>field</i>          | PC | Wheat, <i>volunteer</i>        | PC |
| Cupgrass, <i>Southwestern</i> | C  | Foxtail, <i>yellow</i>                 | C | Oat, <i>wild</i>              | PC | Shattercane                   | PC | Witchgrass                     | C  |
| Cupgrass, <i>wooly</i>        | PC | Goosegrass                             | C | Panicum, <i>browntop</i>      | C  | Signalgrass, <i>broadleaf</i> | C  |                                |    |

## Broadleaves

|                            |    |                              |    |                                  |   |                         |   |                                |    |
|----------------------------|----|------------------------------|----|----------------------------------|---|-------------------------|---|--------------------------------|----|
| Amaranth, <i>Palmer</i>    | C  | Cocklebur, <i>common</i>     | C  | Lambsquarters, <i>common</i>     | C | Pigweed, <i>redroot</i> | C | Shepherd's-purse               | C  |
| Amaranth, <i>Powell</i>    | C  | Deadnettle, <i>purple</i>    | C  | Mallow, <i>Venice</i>            | C | Pigweed, <i>smooth</i>  | C | Sicklepod                      | C  |
| Amaranth, <i>spiny</i>     | C  | Devil's-claw                 | C  | Morningglory, <i>entireleaf</i>  | C | Pigweed, <i>tumble</i>  | C | Sida, <i>prickly</i>           | PC |
| Bedstraw, <i>catchweed</i> | PC | Galinsoga                    | C  | Morningglory, <i>ivyleaf</i>     | C | Puncturevine            | C | Smartweed, <i>ladysthumb</i>   | C  |
| Beggarweed, <i>Florida</i> | C  | Groundcherry, <i>annual</i>  | PC | Morningglory, <i>pitted</i>      | C | Purslane, <i>common</i> | C | Smartweed, <i>Pennsylvania</i> | C  |
| Buckwheat, <i>wild</i>     | C  | Groundcherry, <i>cutleaf</i> | PC | Morningglory, <i>tall</i>        | C | Pusley, <i>Florida</i>  | C | Sunflower, <i>common</i>       | C  |
| Buffalobur                 | C  | Henbit                       | C  | Mustard, <i>wild</i>             | C | Radish, <i>wild</i>     | C | Velvetleaf                     | C  |
| Carpetweed                 | C  | Horseweed (marestail)        | C  | Nightshade, <i>black</i>         | C | Ragweed, <i>common</i>  | C | Waterhemp, <i>common</i>       | C  |
| Chickweed, <i>common</i>   | C  | Jimsonweed                   | C  | Nightshade, <i>eastern black</i> | C | Ragweed, <i>giant</i>   | C | Waterhemp, <i>tall</i>         | C  |
| Clover, <i>red</i>         | C  | Kochia                       | C  | Nightshade, <i>hairy</i>         | C | Sesbania, <i>hemp</i>   | C | Wormwood, <i>biennial</i>      | C  |

C - Controlled PC - Partially Controlled

## Postemergence weed control

## Grasses/sedges

|                         |   |                         |    |                               |   |  |  |
|-------------------------|---|-------------------------|----|-------------------------------|---|--|--|
| Crabgrass, <i>large</i> | C | Nutsedge, <i>yellow</i> | PC | Signalgrass, <i>broadleaf</i> | C |  |  |
|-------------------------|---|-------------------------|----|-------------------------------|---|--|--|

## Broadleaves

|                                      |    |                                 |    |                                  |    |                            |    |                                |   |
|--------------------------------------|----|---------------------------------|----|----------------------------------|----|----------------------------|----|--------------------------------|---|
| Amaranth, <i>Palmer</i>              | C  | Clover species                  | C  | Knotweed, <i>prostrate</i>       | PC | Pigweed, <i>redroot</i>    | C  | Sida, <i>prickly</i>           | C |
| Amaranth, <i>Powell</i>              | C  | Cocklebur, <i>common</i>        | C  | Kochia                           | C  | Pigweed, <i>smooth</i>     | C  | Smartweed, <i>ladysthumb</i>   | C |
| Amaranth, <i>spiny</i>               | C  | Dandelion, <i>common</i>        | PC | Lambsquarters, <i>common</i>     | C  | Pigweed, <i>tumble</i>     | C  | Smartweed, <i>Pennsylvania</i> | C |
| Alfalfa, <i>volunteer (seedling)</i> | PC | Deadnettle, <i>purple</i>       | C  | Lentils, <i>volunteer</i>        | C  | Pokeweed                   | C  | Soybean, <i>volunteer</i>      | C |
| Atriplex                             | C  | Devil's-claw                    | C  | Mallow, <i>Venice</i>            | C  | Potatoes, <i>volunteer</i> | C  | Sunflower, <i>common</i>       | C |
| Beans, <i>volunteer</i>              | C  | Dock, <i>curly</i>              | PC | Morningglory, <i>entireleaf</i>  | C  | Prickly lettuce            | PC | Thistle, <i>Canada</i>         | C |
| Bedstraw, <i>catchweed</i>           | PC | Galinsoga                       | C  | Morningglory, <i>ivyleaf</i>     | C  | Purslane, <i>common</i>    | C  | Velvetleaf                     | C |
| Beggarweed, <i>Florida</i>           | C  | Groundcherry, <i>annual</i>     | C  | Morningglory, <i>pitted</i>      | C  | Pusley, <i>Florida</i>     | C  | Waterhemp, <i>common</i>       | C |
| Buckwheat, <i>wild</i>               | C  | Groundcherry, <i>cutleaf</i>    | C  | Morningglory, <i>tall</i>        | C  | Radish, <i>wild</i>        | C  | Waterhemp, <i>tall</i>         | C |
| Buffalobur                           | C  | Hemp                            | C  | Mustard, <i>wild</i>             | C  | Ragweed, <i>common</i>     | C  | Wormwood, <i>biennial</i>      | C |
| Burcucumber                          | PC | Henbit                          | C  | Nightshade, <i>black</i>         | C  | Ragweed, <i>giant</i>      | C  |                                |   |
| Carpetweed                           | C  | Horsenettle                     | C  | Nightshade, <i>eastern black</i> | C  | Sesbania, <i>hemp</i>      | C  |                                |   |
| Carrot, <i>wild</i>                  | PC | Horseweed, ( <i>marestail</i> ) | C  | Nightshade, <i>hairy</i>         | C  | Shepherd's-purse           | C  |                                |   |
| Chickweed, <i>common</i>             | C  | Jimsonweed                      | C  | Peas, <i>volunteer</i>           | C  | Sicklepod                  | PC |                                |   |

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