

## CLOPYRALID (LONTREL 100) UNIQUE ACTIVE INGREDIENT FOR CONTROL OF *CIRSIMUM ARVENSE* AND OTHER RESISTANT BLW

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### ABSTRACT

Clopyralid (LONTREL 100) has excellent post emergence activity against many susceptible weeds including many species from the plant families - Compositae, Polygonaceae, Umbelliferae and Leguminosae.

*Cirsium arvense* and other thistles are very big threat for the crops. Why ?

Because: 1 cm root fragment can send up shoots  
10 cm long root segment broken by cultivation can grow more than in one season  
18 weeks old plant has potential of producing 930 shoots

Therefore, we have a very big competition between crop and *Cirsium arvense*, as well as a very big yield losses. If we have 0 - 10 plants of *Cirsium arvense* per sqm in sugar beet, w.wheat, oilseed rape or s. barley our yield losses are 10 - 25 %.

**Clopyralid (LONTREL 100)** is the only active ingredient with 100 % control of *Cirsium arvense*, when it has 10-20 cm, before flower buds stage. Application rate is 100-150 g a.i per ha. Time of application is when the weather conditions are in accordance with rapid growth of the weed.