

Rapeseed: Chelal B

Aim of the trial

The purpose of the trial is to increase the yield of the crop and to compare the efficacy our boron chelate (Chelal B) with a simpler Boron sources (B ethanolamine).

General information

Conditions of the trial:

Trial location: France – Rhône-Alpes
Sowing date: 27/08/2016
In cooperation with: Terinnov
Harvesting date: 07/07/2017
Fertilization: 80 units N at the stage C1 on 20/02, 80 units N at the stage D1 on 17/03, 40 units N on 30/03 early blooming (ammonium nitrate 33.5).

Treatments

Control

Chelal B

Ethanolamine 150

at 2L/ha on March 9 at stage C2 (210 g B)

at 3L/ha on March 9 at stage C2 (450 g B)

Results

Modality	Yield normalized (T/ha)
Control	5.64
Chelal B	6.00
Ethanolamine 150	5.79

With the Chelal B application, we see an increase in yield of 0.36 T/ha compared to the control and an increase of 0.21 T/ha compared to the ethanolamine modality at 3L/ha.

With less than half of the quantity of B applied, Chelal B still has a greater effect on the yield.

