Zus

Herbosol® to reduce stress of pre-emergence herbicide in oilseed rape

BioTech Farm GmbH & Co. KG, Ülingen Sachsen-Anhalt, 2013/2013

Background

Herbicide treatments in oilseed rape are an absolute must in autumn. However, these mean stress for the oilseed rape, particularly with unfavourable weather factors: wet soil during sowing, severe precipitation after the application of herbicide, cool temperatures. Can the stress be reduced with Herbosol®? Does this have an influence on yield?

Result

The versions treated with Herbosol® were able to reduce the stress of the plants in autumn pre-emergence in 5 out of 6 versions and thus have a positive influence on yield. On average for all versions, it was possible to increase yield by 1.6 dt/ha with the addition of Herbosol®. The measure of adding Herbosol® to the soil-applied herbicides in oilseed rape was thus highly cost-effective.

You can find more information on the hotline: +49 (0) 63 28-9 84 94-80 or on our website www.lebosol.de.

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Result

Following a dry August, the winter oilseed rape came in the ground on 25.08.2012. The oilseed rape rose evenly on 31.08.2012. On 11.09.2012, a further 12 mm of precipitation fell (heavy thunderstorm). After this, there was slight phytotoxicity or bleaching in the plots treated with clomazone. No leaf bleaching could be found in the plots treated with Herbosol®.

Experimental procedure

Crop: Oilseed rape, variety Visby
Experimental plan: one-year study with 2 reps. each
Rain shower 13 mm on 11.09.2012
Sowing: 25.08.2012
Pre-emergence treatment (PET): 28.08.2012
Soil type: silty loam

Recommended application

Apply 0.3 l/ha Herbosol® with soil-based herbicides to improve effectiveness and tolerability of soil-applied herbicides (always add Herbosol® as the last component)
- Increase to 0.6 l/ha on light soils with a low humus content
- Reduce to 0.2 l/ha for heavy soils with a high humus content.