

Corn

Italy - 2014



Aim of the trial

The aim of the trial is to verify the effect of the application of Azavis MnZn on the production of corn, in combination with a reduction of the nitrogen fertilization.

General Information

In collaboration with: R&S Coop Terremerse – 48012 Bagnacavallo - Italy
Az Terratech – 48010 Santerno (RA) - Italy

Materials and methods:

Texture: medium texture with tending towards sandy.

Corn for grain production - Variety: Venici (caussade – cycle: FAO 600).

Sowing: 7 April 2014

Fertilisation before sowing: 3 April 2014

Harvest: 23 September 2014

Type of the experiment: strips

Plot size: 7000-9000 m²

Size harvested part of the plot: 4664 m²

Treatments

T0: Control: 250 kg urea before sowing + 200 kg urea at moment of weeding (14 May)

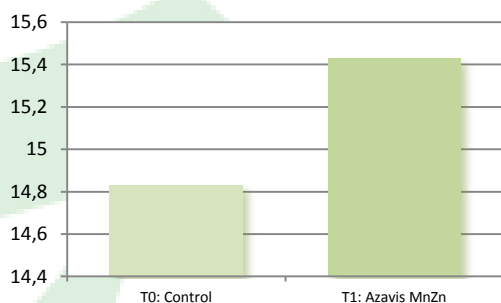
T1: Treatment BMS MN: 200 kg urea before sowing + 75 kg urea at moment of weeding (14 May) + 8 L Azavis MnZn foliar at 4 leaves (7 May)

⇒ Reduction of the amount of Nitrogen applied: 78,58 units/ha (=38 %)

Results: Yield

| | Specific Weight (kg/hl) | Yield in T/ha (Humidity at 16 %) | Financial Result | Additional cost of the fertilisation |
|-------------|-------------------------|----------------------------------|------------------|--------------------------------------|
| T0: Control | 16,93 | 14,83 T/ha | 2298,65 € | 0 |
| T1: BMS MN | 17,26 | 15,43 T/ha | 2391,65 € | 8,2 € |

⇒ Net economic result of the BMS MN treatment: + 84,8 €/ha



CONTACT

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