



# Foliar nutrition with drone on rice field

## Aim of the trial

Increasing rice yield through two foliar applications carried out with a drone.

## General information

### Conditions of the trial:

Trial location: Spain – Extremadura  
Variety: Gladio (early, 90-120 days)  
Volume: 25 L/ha of water

In cooperation with: Casat

### Experimental design:

Trial without replicates, on large surfaces.

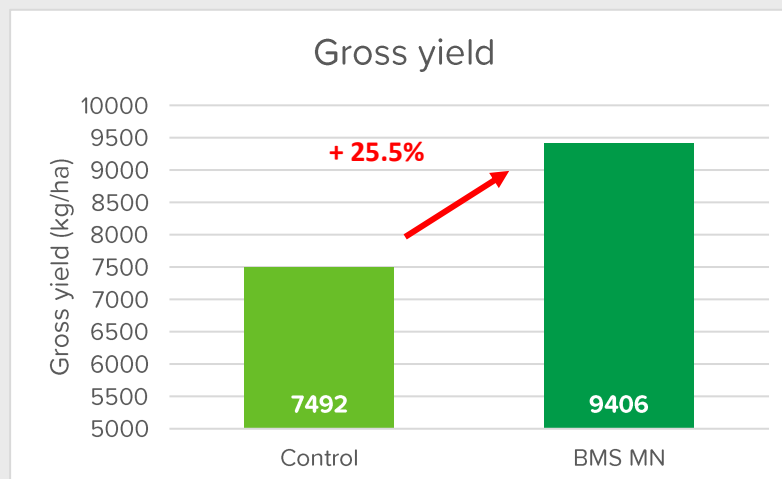
## Treatments

### 2 modalities:

- **Control** : untreated (2.70 ha)
- **BMS MN** (3.67 ha) :
  - o T1: Just before beginning of panicle emergence (BBCH 51) – 25-35 cm height:  
Chelal Zn at 1.5 L/ha + Chelal Kubig at 0.5 L/ha
  - o T2: Grain content milky (BBCH 75):  
Kappa M NF: 3 kg/ha



## Results



### Conclusion:

Already 14 days after the first treatment, a clear difference was visible compared to the untreated control. The plants are greener and shorter. The control plants started to grow faster due to the heat stress. 7 days after the second treatment, the grains had a more intense straw colour in the treated plants. In this test, the two treatments ultimately resulted in an **additional yield of 25.5%**.