

EVALUATION OF SURCOSTART IN CORN

The purpose of this study is to evaluate the yield response of corn when using different doses of **SURCOSTART** with the purpose of observing the response when the fertilizer dose is modified.

CONSULTING OJOS DEL SALADO TRIAL SUMMARY

Trial data

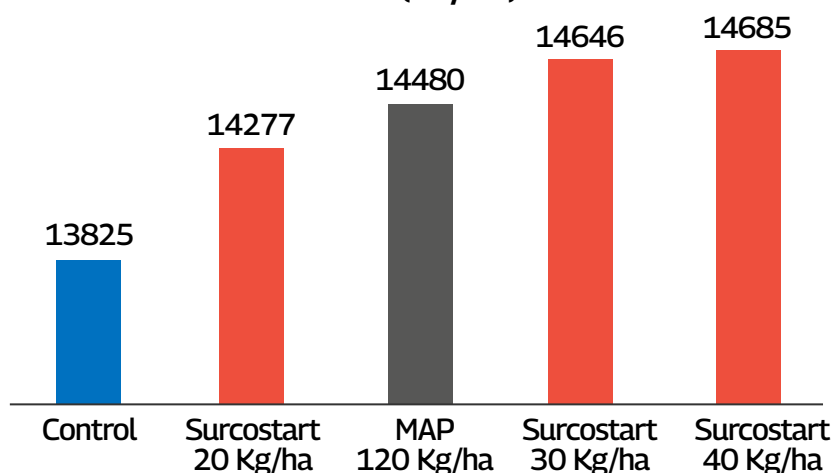
Sowing date: Friday, November 11, 2016
Location: America
Center: Centro Experimental Ojos del Salado
Crop: Corn
Sowing density: 78,000 seeds/ha
Nitrogen: Urea 200 kg/ha
Predecessor crop: Cover crop



TREATMENTS

- T1:** Absolute control
- T2:** MAP 120 kg/ha
- T3:** **SURCOSTART** 20 Kg/ha
- T4:** **SURCOSTART** 30 kg/ha
- T5:** **SURCOSTART** 40 kg/ha

YIELD (KG/HA)



RESULTS

The dose of 40 kg/ha of **SURCOSTART** exceeded by 860 kg/ha the control and by 205 kg/ha the MAP treatment. The dose of 30 kg/ha of **SURCOSTART** exceeded by 821 kg/ha the control and by 166 the MAP treatment. Fertilization strategies for corn are extremely visible. Within this trial, avoiding the use of phosphorus for fertilizing produced a lower yield from 450 to more than 800 kg/ha in relation with the different fertilization strategies. The dose of 30 kg of **SURCOSTART** exceeded the 120 dose of MAP, which shows higher efficiency in nutrients use.