

ELITE GRAMINICIDES

EFFICACY OF ELITE GRAMINICIDES IN THE CONTROL OF ANNUAL GRASS

Grass competes with corn and soybean crops for light, water and nutrients. The competitive success of grass is due to its highly efficient use of resources, which favours occupation of space and determines a higher growth rate than cultivated species, therefore, over the last years, grass has become a significant problem in different productive zones.

New tools with lower environmental impact necessary to allow us to work in an environmentally friendly manner. With the purpose of conducting field evaluations on the control of *Eleusine indica*, *Uroclhoa panicoides* and *Sorghum halepensis* a trial was carried out jointly with AX Consulting led by the Engineers Luis Lafranconi, Julián Oliva and Lucas Remondino.

| TREATMENTS | |
|------------|---|
| T1 | Glyphosate Full 2000cc + Gramini Elite (Haloxypop 6% + Clethodim 12%) 700 cc |
| T2 | Glyphosate Full 2000cc + Gramini Elite (Haloxypop 6% + Clethodim 12%) 900 cc |
| T3 | Glyphosate Full 2000cc + Gramini Elite (Haloxypop 6% + Clethodim 12%) 800 cc |
| T4 | Glyphosate Full 2000cc + Orcuss Elite (Haloxypop 24%) 400 cc |
| T5 | Glyphosate Full 2000cc + Apofis Elite (Clethodim 24%) 800 cc |
| T6 | Glyphosate Full 2000cc + Apofis Elite 800 cc + Dédalo Elite 1200 cc |

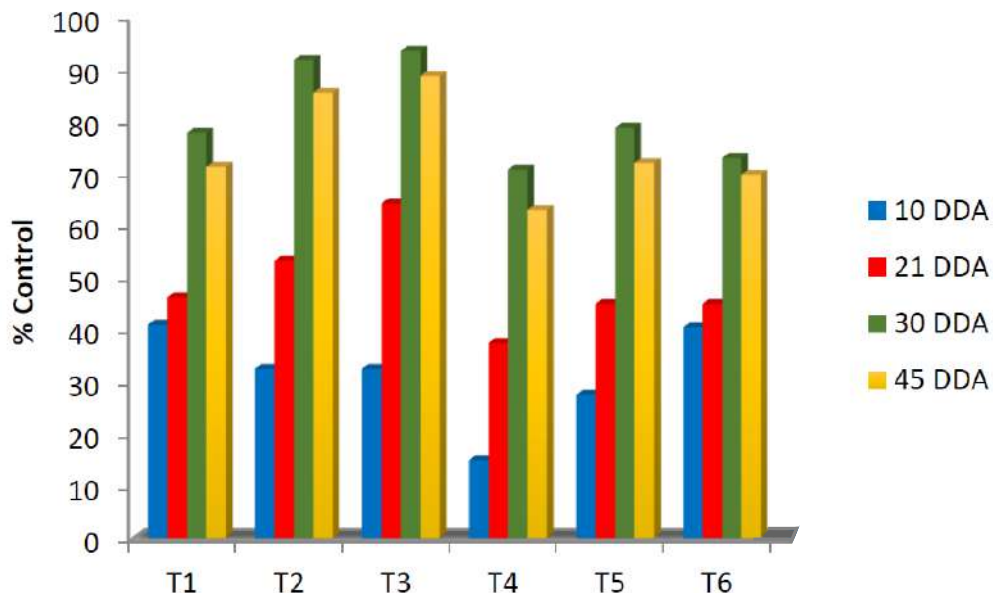


Figure 1: Control of the different treatments on target weed.

ELITE GRAMINICIDES FORMULATED WITH NANOTECHNOLOGY ALLOW US TO INCREASE STABILITY AND EFFICACY IN THE APPLICATION, AND THUS WE CAN AVOID THE APPLICATION OF ANY KIND OF COADJUVANTS. THIS DIFFERENTIAL FORMULATION ENABLES SAVING NOT ONLY APPLICATIONS BUT ALSO DOSES DUE TO THE CHEMICAL COMPATIBILITY AMONG ACTIVE INGREDIENTS, WHICH IS TRANSLATED INTO COST SAVING PER HECTARE.