

BIOSEED on hard wheat

Trial of Germinability and radical development

Material:

Mono-variental seed of durum wheat: 100 seeds per container

Containers: 3 aluminum dimensions: 20x30cm

Substrate: soil + sand (50/50)

EXPERIMENT:

- 1- Seed tanned with BIOSEED (400Gr/ha)
- 2- Chemically treated seed
- 3- Utreated seed

Sow on day 23-12-2015 on humid substrate and placed in a plant with T° 20C° - humidity 100% - 12 hours of light and 12 hours of darkness



Germinability control on 30-12-2015







BIOSEED: 80%

CHEMICALLY TREATED: 85%

UNTREATED: 80%

Control of leaflet development and root system on 19-01-2016

Leaf apparatus:



Clear difference between BIOSEED and chemistry with:

- Intensity of dark green color and leaf thickening a sympton of better photosynthesis.
- < development with over 75% of the plants that have developed the
- 3 leaf versus 50% of the chemical.

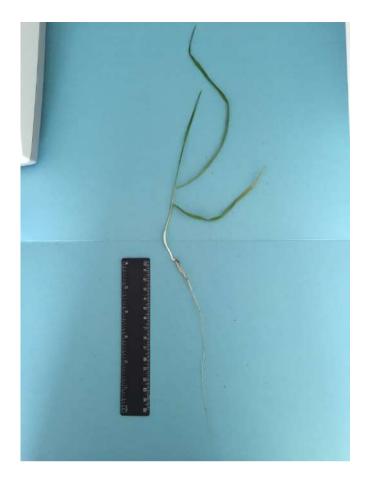
Root system:





Average length of the radical apparatus **Chemically treated:** 17cm

Average length of the radical apparatus Not treated: 15,5cm



Average length of the radical apparatus **BIOSEED:** 19cm

- Radical system more developed
- Healthy collar, white, clear, thicker and turgid.