

BIOSEED on hard wheat

Trial of Germinability and radical development

Material:

Mono-varietal 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- Untreated 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 symptom 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.