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Product sheet **SUGAR BEET** / Product sheet **SUGAR BEET**

SUGAR BEET REPORT

This test was performed in cooperation with the National Research Centre, dept. Plant Health and Natural Resources (Department Director: Prof. Dr. Nadia Gad-Alrab).

3 varieties of sugar beet were tested with AGROSOL.

Variety: Toto / Suallow / Mone Rosa
 Test area: Nubariya town-Egypt
 3 treatments with AGROSOL: 1st of Dec. 2009 / 16th of Dec. 2009 / 2nd of Jan. 2010
 Sample date: 7th of March 2010



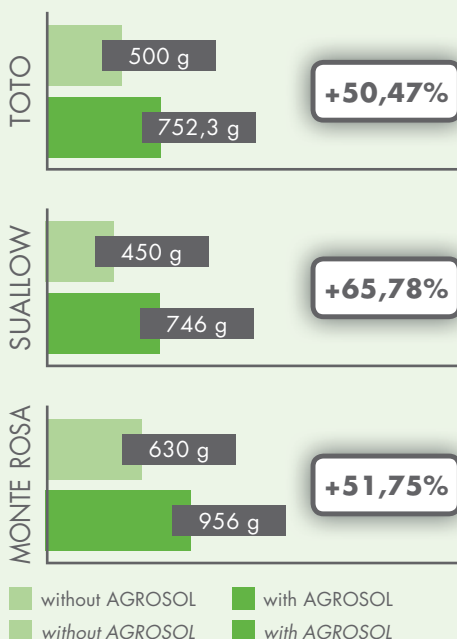
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Average yield increase / Fresh weight Average yield increase / Fresh weight





* Department for Plant Nutrition, Fr. Dr. Nadia Gad-Elrab

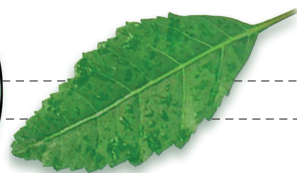
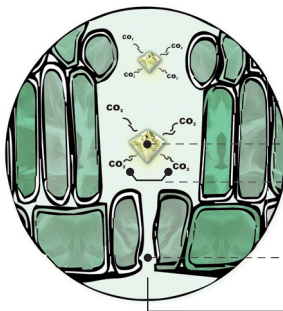
AGROSOL'S Advantages

- Increase in yield
- Increased chlorophyll intensity
- Higher level of photosynthesis
- Stronger, denser, finer, heavily branched root system
- Optimization of the ph value of the plant, allowing for better use of available fertilizer
- Improved quality of the produce
- Improved storage life of the produce
- Higher drought resistance
- AGROSOL is a natural product

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Magnified view of a leaf cross section / Magnified view of a leaf cross section



AGROSOL[®]

CO₂-Discharge / CO₂-Discharge

Stomata / Stomata

► O₂-Discharge / O₂-Discharge

After AGROSOL has been mixed with water and sprayed onto the leaf surface in the form of a fine mist, it enters the plant through the stomata.

The minerals discharge CO₂ inside the plant. This boosts the production of glucose and proteins and in turn, increases the amounts of oxygen discharged into the environment.

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