

4.23 CHRISTIAN SCHLATTER, ALI YILMAZ, WILLI FISCHER, FRANZ BRANDL
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THE USE OF RHIZOTRONS IN SUGAR BEET ROOT RESEARCH

**Die Anwendung der Rhizotron-Technologie bei der Zuckerrübe /
L`utilisation des Rhizotrons pour la recherche sur les racines de betterave**

ABSTRACT

Rhizotrons are used to demonstrate the impact of new solutions on the health of plant root systems.

The current study shows that VIBRANCE®, a new Syngenta Seedcare solution, containing the active ingredient Sedaxane, protects sugar beet seedlings from damping-off, caused by *Rhizoctonia solani* and ensures vigorous root growth under severe infection pressure much better than standard seed treatment solutions.