



**ROOTSURE MAX SEED COATING  
CONTAINS DIGITAL™ AND SABREX®**

**SABREX®**

Three Trichoderma spp  
(endophytic root  
inoculant).

**THE COMBINATION  
IS THE SOLUTION**

**DIGITAL™**

Kelp (*Ascophyllum nodosum*)  
extract plus metabolites of  
Trichoderma spp.

**ADVANTAGES  
OF SABREX®**

**Single application**

Trichoderma live as long as the plant.

**Immediate Response**

Inoculates within 16-48 hours.

**Endophyte central signaling role**

Activates plant genes and metabolic pathways to upregulate photosynthesis and metabolism.

**Optimizes Photosynthesis**

The plant is kept in an optimal state of photosynthesis so as to feed carbon to the soil microbes and in turn these microbes protect and nourish the plant.

**Induced Stress Resistance**

Endophytic Trichoderma activates the plants genetics and mitigate the effect of adverse environmental and soil conditions.



**PLANTING & GERMINATION**

**PLANT SHOOT & DEVELOPMENT**

**IMPROVED YIELD & QUALITY**



**ADVANTAGES  
OF DIGITAL™**

**Ascophyllum Kelp**

Natural sugars, chelating, bio-stimulant and nutrients for microbes and plant.

**Biostimulant**

Non-living, metabolite product from Trichoderma, that is not sensitive to chemicals.

**Increases in plant growth**

Increases root length & biomass as well as shoot development and vegetative growth.

**Increased tolerance to stress**

Enhanced growth mitigates the effects of stress and improves disease suppression.

**Disease Reduction**

Root colonization results in protection against pathogens.

**Disease Suppression**

**Nitrogen Fixation**

**Improved water uptake**

**Insecticidal Properties**

**Phosphate mobilization**

*The illustration demonstrates the benefits of Rootsure Max as a result of the effective properties of the product. These advantages are borne from the symbiotic relationship that the Trichoderma forms with the plant, feeding from the starches and sugars and exuding beneficial enzymes and proteins for the plants use. As a result a larger root system is produced improving its nitrogen and water use efficiency, resulting in higher yields.*

TREATMENT	CONTENTS	APPLICATION	HA/BOX	RATE/HA	NOTES
Dry	Digital	In-Furrow 'Liquid Inject'	24	0.5L	These two products are to be applied completely separately. Digital™ is to be applied via an in-furrow liquid inject system and SabrEx is to be applied as a dry powder to maize seed in the bag just prior to planting and mixed in well.
	SabrEx	Dry Seed Dressing		30g	
Wet	Digital	Seed Dressing	24	0.5L	Mix the two products Digital™ and SabrEx in a clean container and then apply to seed no more than 5 days before planting. Consult your agronomist to check compatibility with chemical fungicides.
	SabrEx	Seed Dressing		30g	

Please consult with your agronomist to confirm compatibility of Rootsure Max for Maize with Chemicals.



The application rates are worked around applying 0.5L of Digital™ with 30g of SabrEx® per hectare.



## Control

## Rootsure Max



**Figure 1. and 2.** Compare untreated versus treated maize seedlings. The treated seedling, represented by Figure 2, demonstrates the increase in root size, length and density.



**Figure 3.** Demonstrates the increase in root density of maize roots when treated with Rootsure Max.