



DENDROTM
ENRICHED ABSORBENT POLYMER



DENDRO™

A K-based super absorbent polymer containing nutrients. DENDRO™ acts as a soil conditioner and a water and nutrient reservoir.

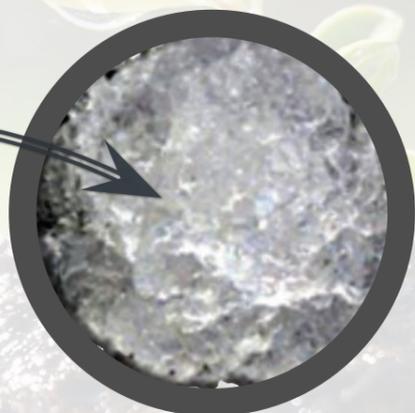


WITHOUT DENDRO™
Water loss due to percolation and evaporation.

Inefficient use of nutrients due to leaching.



WITH DENDRO™
Water and nutrients remain available in the root zone.



Slow release-rate function of fertilizers and trace elements.



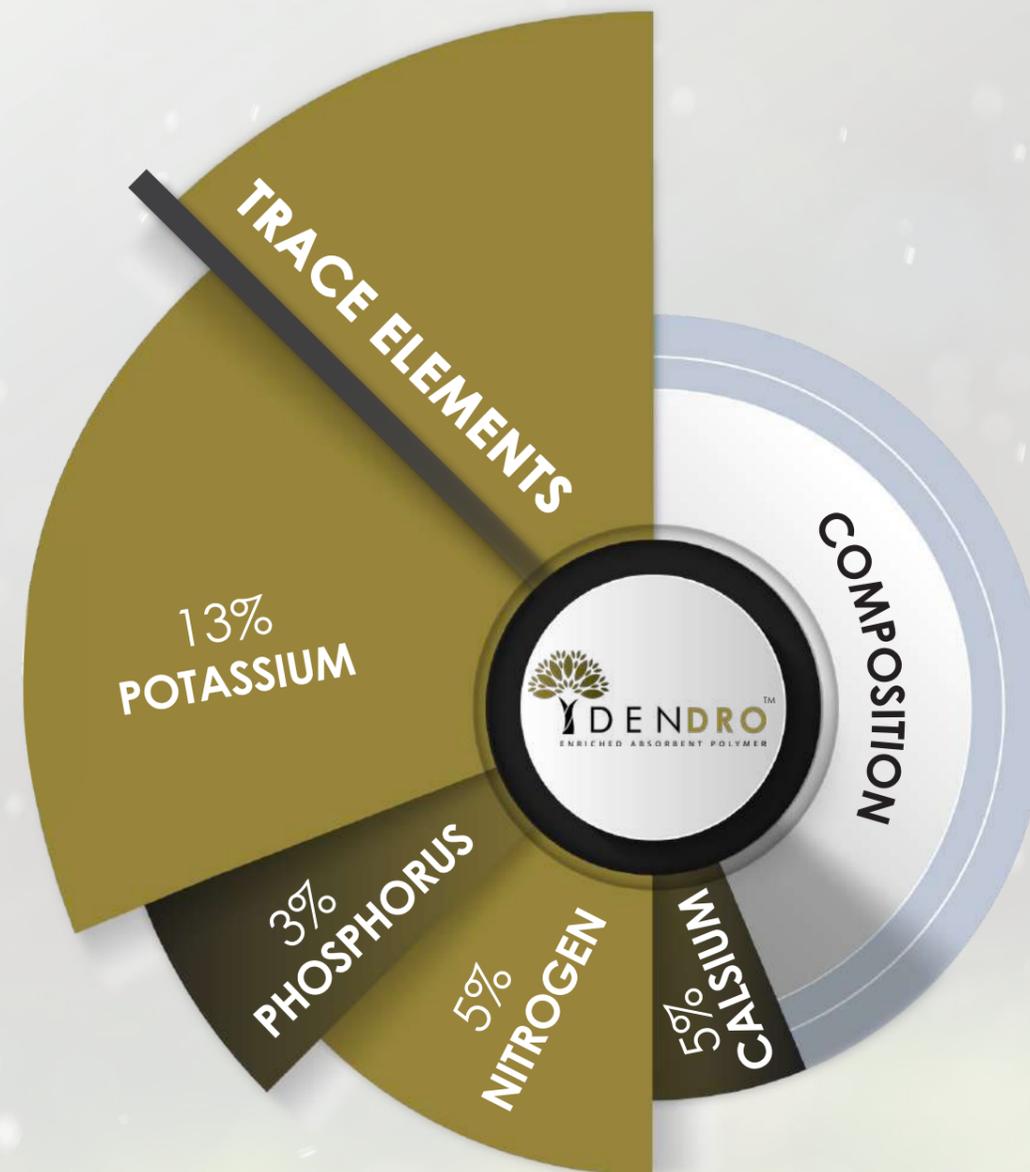
Bio-degrading period: 1 – 5 years, depending on environmental conditions and soil types.



Acts as a water reservoir, reducing the leaching of fertilizer and nutrients.



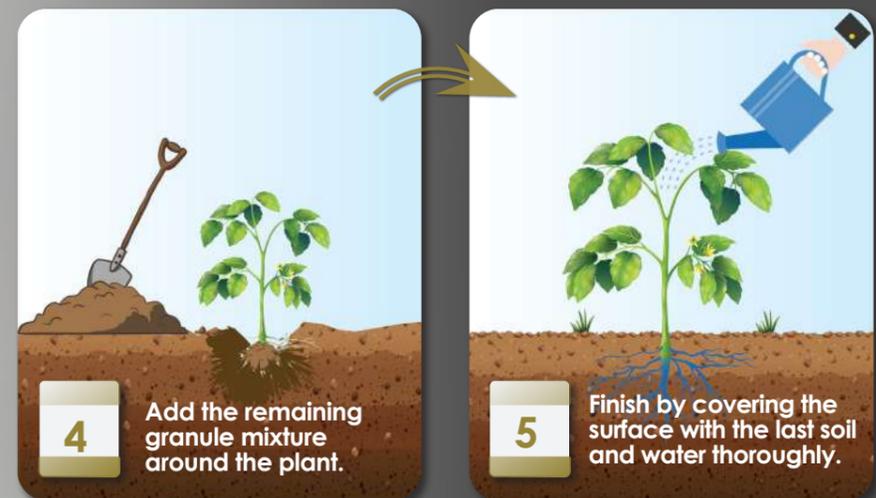
Reduces irrigation frequency.



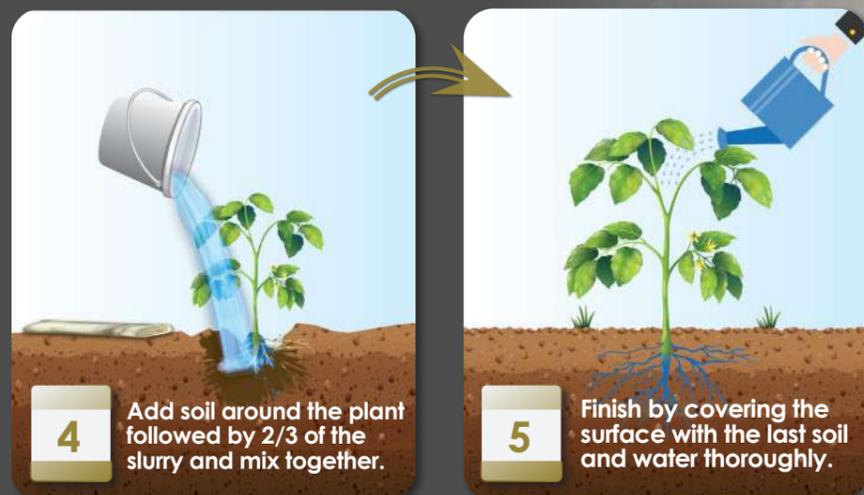
CHARACTERS	RESULTS
Physical state	Granular crystals
Colour	White
Particle size	0.2mm – 2mm
pH	7.58 – 7.7
Water retention	1g <= 125ml
Active ingredient	Potassium polyacrylate cross-linked polymer
Trace elements	Magnesium, Iron, Boron, Manganese, Copper, Zinc, Nitrogen, Calcium

PREPARATION AND APPLICATION OF GRANULES

APPLICATION	DOSAGE RATE	HOW TO APPLY
Granules	2g per liter of planting medium	Mix DENDRO™ throughout the planting hole. Plant normal way. Irrigate directly after planting to saturate the planting medium.
Pre-wetted gel (slurry)	400-600ml slurry per tree or crop	Mix 2kg of DENDRO™ in 200 liters to form slurry. This mixture is sufficient to plant approximately 400 trees.



PREPARATION AND APPLICATION OF SLURRY



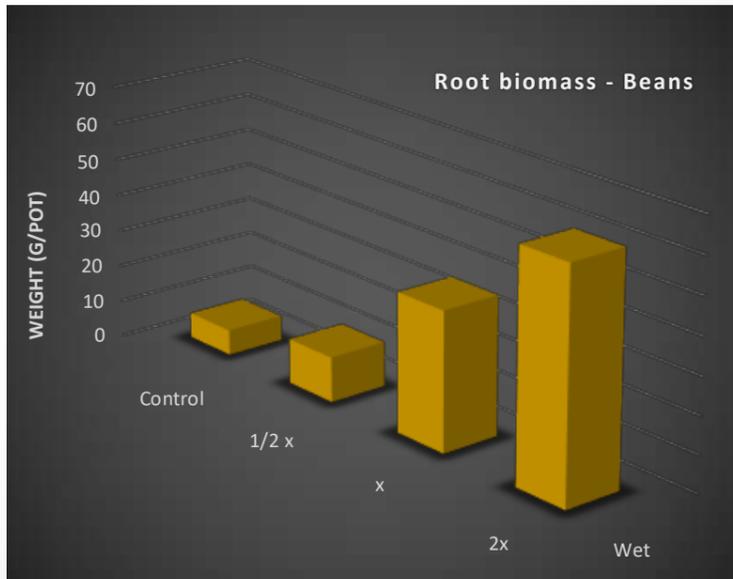
Soil should be dry to prevent product from forming clods when mixing with the substrate.

Water containing dissolved salts (like lime in borehole water) should be treated with a surfactant before mixing with the product.



INFLUENCE OF DENDRO™ TREATMENT:

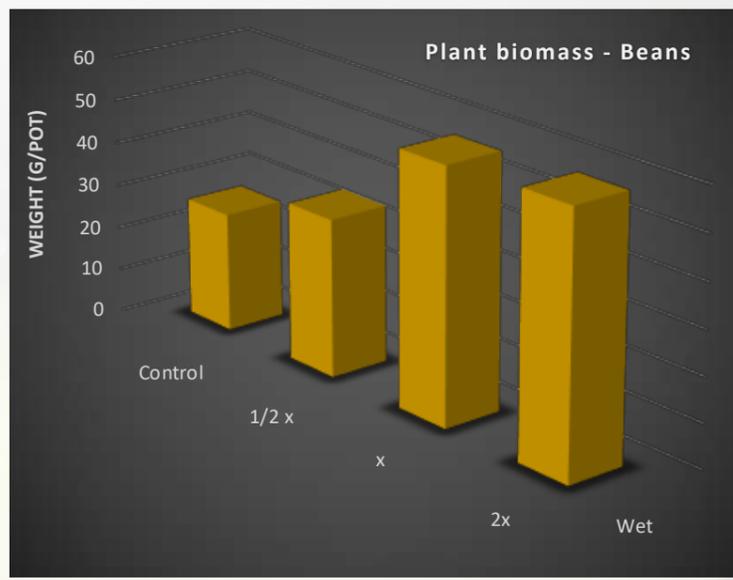
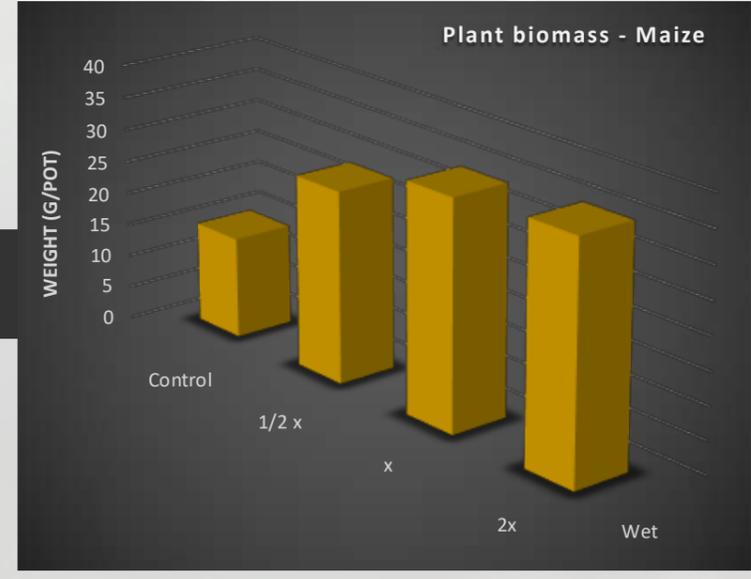
INFLUENCE OF DENDRO™ TREATMENT:



On the final yield harvested for Root biomass - Beans

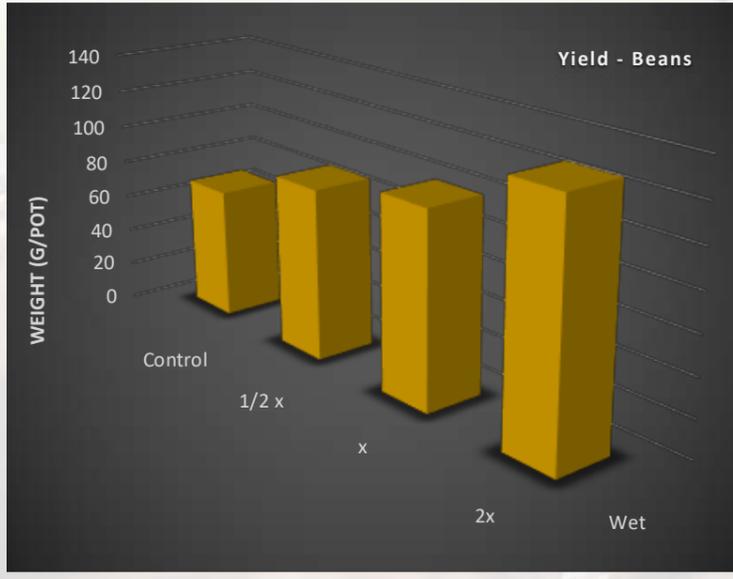
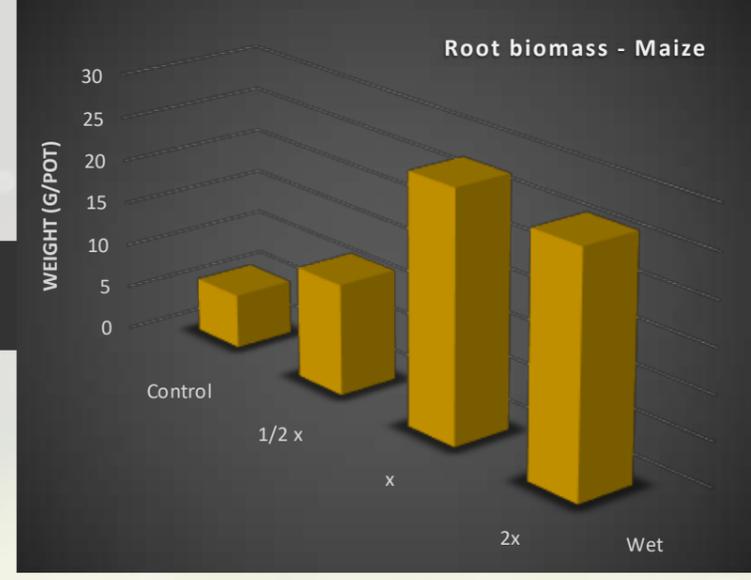


On the final yield harvested for Plant biomass - Maize



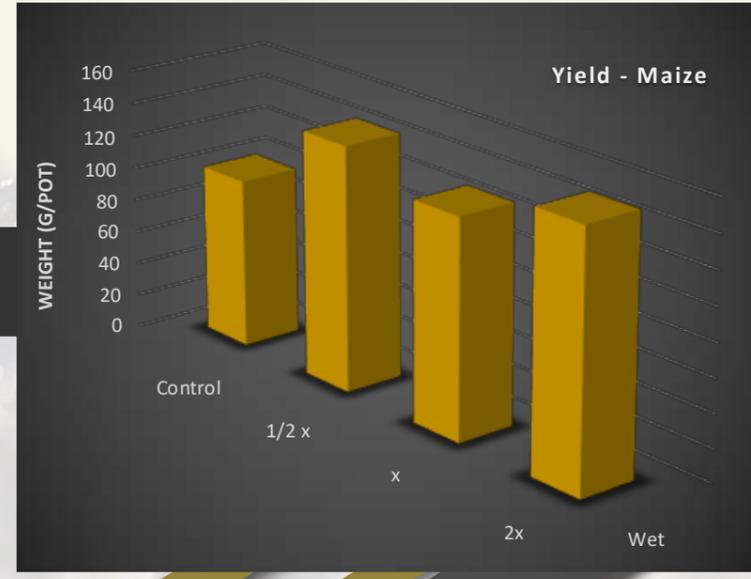
On the final yield harvested for Plant biomass - Beans

On the final yield harvested for Root biomass - Maize



On the final yield harvested for Yield - Beans

On the final yield harvested for Yield - Maize





CONTAINS
STOCKOSORB®



DISCLAIMER:

This information is used with the permission of Evonik
Do not use solutions with high salt content to prepare the product
(High salt concentrations prevents 100% gel formation,
and so decreases the product's function)

**CAN BE USED IN CONJUNCTION WITH
SUPPOSITREE™ OR BIOFURT™.**

*Please contact the manufacturer/distributor for assistance in product preparation
and/or application and prior to adding additional fertilizers.*