

Row Crops - Irrigation Crops Program

1. Remediate soil compaction which results in improved air and water penetration into the soil.
2. Deepen the aerobic zone.
3. Convert atmospheric nitrogen into plant available nitrogen.
4. Convert unavailable P, K, Ca in soil into the plant available form.
5. Increase plant energy and plantsap brix.



Applications

Growth stage of applications	Method of Application	Products	Dosage		Product benefits	Mixing and application methods
			Qty	Metric		
With planting	Soil Application	Terra PH	10	L/ha	Soil conditioner for low pH soils that is also a biostimulant	NON TOXIC TO HUMANS, PLANTS, AND ANIMALS. SHAKE WELL BEFORE USE. STORE AWAY FROM DIRECT SUNLIGHT. <u>With Irrigation</u> - 3% thinning <u>Without Irrigation</u> - Use recommended L/ha
	Soil Application	Terra Restore	20	L/ha	Bacterial, amino/fulvic acid combination to be used for chemical compacted soils to improve structure and to leach salts	It can be combined with other chemicals. Do not make the concentration too strong to avoid leave burn.
8 Weeks later	Soil Application	Terra Restore	20	L/ha		Mix the product with 200 liter of water and irrigate/incorporate with the soil. <u>With Irrigation</u> - 5% thinning <u>Without Irrigation</u> - Use recommended L/ha

Growth stage of applications	Method of Application	Products	Dosage		Product benefits	Mixing and application methods
			Qty	Metric		
Spray on the following growth stages: V3 V5	Foliar Application	Terra Power Plus	2	L/ha	- PREVENTION of insects on crops.	2 liter per hectare with minimum of 100 liter of water. This product can be mixed with micro elements. <u>With Irrigation</u> - 2% thinning <u>Without Irrigation</u> - Use recommended L/ha This is not a fungicide or herbicide - this is merely a preventative measure to deter insects from the crop.
		Terra Protect	2	L/ha	- Raising the plant's natural energy levels while strengthening the cell membrane to allow the plant to better cope with Abiotic stresses	
		Calcium Nitrate	2	kg/ha	- Assist in the absorption of Calcium into the plant	
		Ureum	10	kg/ha	Nitrogen if and when the nitrogen level are determined to be to low	