

# Sugarcane Program

1. Remediate soil compaction which results in improved air and water penetration into the soil.
2. Deepen the aerobic zone.
3. Improve root hair development which will increase nutrient absorption by plants
4. Convert atmospheric nitrogen into plant available nitrogen.
5. Convert unavailable P, K, Ca in soil into the plant available form.
6. Deter and raise plant natural resilience to white grub, cutworm, and control the life cycle of aphids in the soil.
7. Suppress soilborne fungal and bacterial pathogens.
8. Increase plant energy and plantsap brix.



## Applications

Growth stage of applications	Method of Application	Products	Dosage		Product benefits	Mixing and application methods
			Qty	Metric		
Apply with the first irrigation after harvest.	Soil Application	Terra Restore	25	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. Mix the product with 200 liter of water and irrigate/incorporate with the soil. <b><u>With Irrigation</u></b> - 5% thinning <b><u>Without Irrigation</u></b> - Use recommended L/ha
If nematodes are detected in soil	Soil Application	Terra Treat N	20	L/ha		
Apply with the second irrigation after harvest	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. <b><u>With Irrigation</u></b> - 3% thinning <b><u>Without Irrigation</u></b> - Use recommended L/ha
4 weeks later and repeat every 8 weeks until ripening.	Foliar Application	Terra Power plus	2	L/ha	Enhance energy levels in plants to assist in overcoming abiotic stress	2 liter per hectare with minimum of 100 liter of water.
		Terra Protect	2	L/ha	Biostimulant to improve plants resistance to insect damage. A mixture of Zeolite, fulvic acid, humates, phosphate, nitrogen, copper, amino acids and bacillus sp	This product can be mixed with micro elements. <b><u>With Irrigation</u></b> - 2% thinning <b><u>Without Irrigation</u></b> - Use recommended L/ha