




Nutri-Tech Solutions®

Nutrition Farming® Guide – Carrots

With the aim to increase plant resilience and plant brix (complex carbohydrates and mineral content), carrot growers can implement Nutrition Farming® strategies simply by including key products into their current programs.

Crop Phase	Key Nutrition Requirements	Suggested Products
Soil Preparation	At least 8 weeks prior to planting, determine soil nutrient requirements by taking a soil test. Broadcast your specifically designed Prescription Blend™ 4 – 6 weeks prior to planting. Balancing the minerals in your soil will help to improve soil structure and increase general fertility.	<u>NTS Soil Therapy™</u>
	Stimulate beneficial soil biology to restore balance in soils previously affected by nematodes.	<u>Biological Root Health Recipe</u>
Planting	If a granular planting or side-dress blend is normally applied, include NTS Soluble Humate Granules™ at 5% of the blend, (up to a maximum rate of 20 kg/ha), to help buffer and stabilise phosphorus and/or nitrogen inputs.	<u>NTS Soluble Humate Granules™</u>
	Alternatively, use NTS Liquid Humus™ or DIY Liquid Humic Acid in the first fertigation.	<u>NTS Liquid Humus™</u> or <u>DIY Liquid Humic Acid</u> 
4 – 5 Leaf Stage	Mycorrhizal (VAM or AM) and <i>Trichoderma</i> fungi enhance nutrient delivery and root-zone health.	<u>Nutri-Life Platform®</u> <u>NTS Liquid Humus™</u> or <u>DIY Liquid Humic Acid</u> 
6 – 8 Leaf Stage	Calcium and boron are critical for cell division and elongation which directly affects root expansion and sizing.	<u>Trio (CMB) Foliar™</u> 
	Enhancing photosynthesis provides carbohydrate building blocks and energy for growth.	<u>Nutri-Stim Triacontanol™</u> 
	Leaf testing enables you to have fingertip control of inputs to fine-tune your crop nutrition program.	<u>NTS Plant Therapy™</u>
Root Expansion & Bulking	Maintain broad-spectrum nutrition, including NPK, calcium, magnesium and trace elements, to ensure optimum productivity and quality.	<u>Triple Ten™</u> <u>Nutri-Key Shuttle Seven™</u>  <u>Cloak™ Spray Oil</u>
		<u>Trio (CMB) Foliar™</u>  <u>Cloak™ Spray Oil</u>
	Soil microbiology plays an essential role in nutrient solubilisation, nutrient recycling, carbon sequestration and root health. Building biological activity gives growers the opportunity to reduce dependence on chemical inputs.	<u>Nutri-Life Micro-Force™</u> <u>(requires brewing)</u>

 Foliar Spray  Fertigation

Please refer to Product Information Sheets for application rates.

 Nutrition Farming®

