










Nutri-Tech Solutions®

Nutrition Farming® Guide – Organic Garlic

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

Crop Phase	Key Nutrition Requirements	Suggested Products
Soil Preparation	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. Stimulate beneficial soil biology to restore balance in soils previously affected by nematodes.	<u>Soil Therapy™</u> <u>Biological Root Health Recipe</u>
Planting	Ensure plants have access to adequate phosphorus at planting to ensure good establishment and early crop vigour. Broad-spectrum, slow release inputs, such as ACO allowable chicken manure based pellets, can also be applied.	<u>NTS Guano Powder™</u> 
Sprout Development	Mycorrhizal (VAM or AM) and <i>Trichoderma</i> spp. fungi enhance nutrient delivery and root-zone health. Apply inoculant once at early root growth with some humic acid.	<u>Nutri-Life Platform®</u> <u>NTS Liquid Humus™</u> or <u>DIY Liquid Humic Acid</u> 
Vegetative Growth – Tuber Initiation	Maintain broad-spectrum nutrition, including NPK, calcium, magnesium and trace elements, to ensure optimum productivity and quality. Trace element requirements can be determined based on leaf test analyses.	<u>Amino-Max™</u> <u>Phos-Life Organic™</u> <u>K-Rich™</u> <u>NTS Fast Fulvic™</u>  <u>Cloak™ Spray Oil</u> <i>1 or 2 applications</i>
	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-Sea Liquid Fish™</u> <u>SeaChange Liquid Kelp™</u> <u>Nutri-Life B.Sub™</u>  <i>1 or 2 applications</i>
	Ensure the garlic have direct access to calcium and silicon to optimise quality and crop resilience.	<u>Lime-Life Organic™</u> <u>Dia-Life Organic™</u>  <i>Every 2 weeks</i>
	Leaf testing enables you to have fingertip control of inputs to fine-tune your crop nutrition program.	<u>Plant Therapy™</u>
Bulbing	Potassium should be kept up to maintain the growth of the bulb during this stage.	<u>K-Rich™</u> <u>Cloak™ Spray Oil</u>  <i>1 or 2 applications</i> <u>Potassium Sulfate</u>  <i>(naturally mined)</i>

 Foliar Spray  Fertigation  Ground Application

Please refer to Product Information Sheets for application rates.