

 firefly



Nutrient Management

Product Name	Function	Active Ingredient
Synkrovalar NANO Bio Growth Enhancer	Provides essential nutrition to plants at various growth stages	16 Amino Acids, 9 Micro Nutrients and 4 Trace Elements
Synkro Bio Digester	Helps in speeding up the process of bio-composting and increasing the quality of compost	Formulation comprising selective strains of a wide range of composting microbes
Synkro-N (Rhizo)	Helps in fixing atmospheric Nitrogen	A selective strain of Rhizobium sp. (a nodulating type of Soil Bacteria)
Synkro-N (Azos)	Helps in fixing atmospheric Nitrogen	A selective strain of Azospirillum sp. (an associative type of Soil Bacteria)
Synkro-N (Azoto)	Helps in fixing atmospheric Nitrogen	A selective strain of Glucanoacetobacter sp. (an Endophytic type of Soil Bacteria)
Synkro-P	Solubilizes fixed Phosphorus in the soil and makes it available to the plants	A selective strain of Bacillus sp. (Soil Bacteria)
Synkro-K	Solubilizes & mobilizes fixed Potash in the soil and makes it available to the plants	A selective strain of Frateuria aurentia (Soil Bacteria)
Synkro-S	Solubilizes Sulphur into the plants	Thiobacillus thiooxidans
Synkro-Fe	Solubilizes Ferrous into the plants	Bacillus sp
Synkro-VAM	A carrier-based product that mobilizes solubilized Phosphorous into plants	Contains mycorrhizal spores with a minimum of 1000 infective propagules per gram
Synkromax Foli-Fert	Helps in fixing micro-nutrient deficiencies	Zinc, Boron, Manganese, Iron, Copper, Molybdenum, Sulphur, Magnesium and other micro nutrients
Bio Miracle	Harnesses atmospheric Nitrogen, Soil Phosphorous, Potassium & Trace elements and makes them available to the plants	Formulation comprising selective strains of Azospirillum sp, Bacillus megaterium, Frateuria aurantia and Azotobacter



Disease Management

Product Name	Function	Active Ingredient
Bio-TrichoMax	Helps to control Root Rot, Root Wilt, Charcoal Rot, Stem Rot, Leaf Spot, Damping Off, Fruit spot and other diseases	A selective strain of antagonistic fungus <i>Trichoderma viride</i>
Bio-SudoMax	Controls Blast, Blight, Seedling blight, Late blight, Wilt, Leaf Spot, Stem & Root rot, Scab, Fire Blight, White mold, and other diseases on a wide range of crops	A selective strain of antagonistic bacteria <i>Pseudomonas fluorescens</i>
Bio-Powdery	Controls Powdery and Downy mildew disease in grape, cucurbits and other fruit and vegetable crops	A selective strain of hyper parasitic fungus <i>Ampelomyces quisqualis</i>
Bio-Blight	Controls Leaf Blight and Late Blight (<i>Phytophthora</i>) disease in potato, tomato and other vegetable crops	A selective strain of the antagonistic fungus <i>Cheatomium globosum</i>
IQ-10	Controls Powdery Mildew, Rust, Smut, Scab, Root Rot, Leaf Spot, Early Blight, Late Blight, Wilt, Damping Off and Brown Spot diseases in a wide range of crops	A selective strain of the antagonistic rhizosphere bacteria, <i>Bacillus subtilis</i>
Synkro Mycin	Activates the plant's natural defenses against several bacterial pathogens in various crops	Broad-spectrum Immunomodulator cum plant defence activator based on Di bromo di nitro propane 1-3-diol, with prophylactic, preventive and curative properties
Synkro Bio Consortium	Helps to prevent & control various pests and disease	Selective strains of <i>Beauveria bassiana</i> , <i>Verticillium lecanii</i> , <i>Metarhizium anisopliae</i> , and other beneficial microbial cultures
Synkro Viron	Controls Tospo Virus disease, Leaf Curl Virus disease, YMWV disease in a wide range of crops	Botanical plant <i>Vitex Negundo</i> Extract

Pest Management

Product Name	Function	Active Ingredient
Synkro Neem	Helps to control insect pests from across various orders	Azadirachtin, 0.03% and other Limonoids & Terpenoids like Salanin, Meliantriol and Nimbin as they occur in neem in nature
Syn-Karaz	Helps to control insect pests from across various orders	Azadirachtin, Karanjin and other limonoids including Meliantriol, Salanin, Nimbin, Alkaloids, Demethoxy-kanugin, Gamatay, Glabrin, Glabrosaponin, Kaempferol, Kanjone, Kanugin, Neoglabrin, Pinnatin, Pongamol, Pongapin, Quercitin, Saponin, B-Sitosterol, Tannin and a host of other Terpinoids in the ratio that it naturally occurs in Neem (<i>Azadirachta indica</i>) & Pungam (<i>Pongamia glabra</i>) tree kernels
Bio-Killer	Helps to control Lepidopteran pests like Bollworm, Cut Worm, Leaf Hopper, Borer, Leaf Miner, Root Grub, Leaf Webber, Pink Borer, Shoot & Fruit Borer, Thrips and Scales	Entomopathogenic fungal preparation based on the selective strain of <i>Beauveria bassiana</i>
Bio-Eliminator	Helps to control sucking pests, Lepidopteron and Coleopteran pests like White Fly, Aphids, Thrips, Mealy Bugs, Scales and Mites	Entomopathogenic fungal preparation based on the selective strain of <i>Verticillium lecanii</i>
Bio-Gladiator	Helps to control Root Weevils, Plant Hoppers Japanese Beetle, Black Vine Weevil, Spittlebug, Termites and White Grubs	Entomopathogenic fungus based liquid and powder formulation containing conidial spores and mycelial fragments of a selective strain of <i>Metarhizium anisopliae</i>
Bio-Nematox	Helps to control plant parasitic nematode species like Root Knot nematode, Cyst nematode, Burrowing nematode, Root lesion nematode, and Cirrus nematode	<i>Paecilomyces lilacinus</i> (Nematophagous fungus)



Water Management

Product Name	Function	Active Ingredient
Synkrospread Super Spreader	Spreading agent that radically increases the efficiency of pesticides, fertilizers, herbicides & nutrient foliar sprays.	Blend of Biodegradable, non-ionic surfactants & an emulsified silicone type anti-foam preparation
Green Magic	Anti-transpirant cum anti-stress formula	Long chain fatty alcohol



Grow Kits

Product Name	Function	Active Ingredient
Super Natural Grow Garden Care Kit	Is a fast-acting all-purpose plant care kit comprising a selection of three different sustainable inputs that have been designed specifically to help increase yield and improve overall plant health - by protecting plants from pests, nourishing plants through their leaves, and improving soil health by introducing beneficial microbes into the soil to help stimulate the production of organic N, P, and K.	<p><i>Bio Miracle</i> - Formulation comprising selective strains of Azospirillum sp, Bacillus megaterium, Frateuria aurantia and Azotobacter</p> <p><i>Synkrovalar NANO Bio Growth Enhancer</i> - 16 Amino Acids, 9 Micro Nutrients and 4 Trace Elements</p> <p><i>Syn-Karaz</i> - Formulation comprising a blend of Neem and Pongamia oils</p>

Firefly Life Sciences Pvt. Ltd.

5th Floor, Sona Towers, #71, Miller's Road, Bangalore – 560052, India

Phone: +91 80 2235 6263