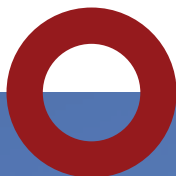


**NAP**   
**agrosolutions+**



A photograph of a tree nursery. In the foreground, a dirt path leads into the distance, flanked by rows of young, green trees. The trees are planted in neat rows, and the ground between them is covered with mulch. The sky is a clear, bright blue. The overall scene is bright and sunny, suggesting a healthy and well-maintained nursery.

# NUTRIFYING AGRICULTURAL PARTNER

# NAP NUTRISCIENCE CO. LTD.

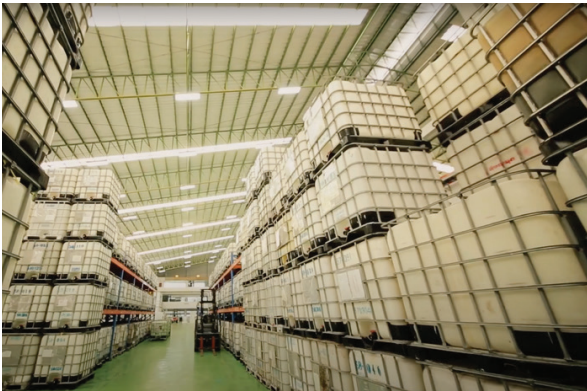
Napnutriscience Co. Ltd. is the largest plant micronutrient manufacturer in South East Asia, specializing in chelated micronutrient products and high-performance fertilisers. Napnutriscience Co. Ltd. was established in 1993. During the past 27 years, the manufacturing and export of plant nutrition products construct our business growth constantly.

The international quality standards have been implemented to guarantee our best quality of product from the International Organization for Standardization. Napnutriscience Co. Ltd is certified with ISO9001:2015 standard and Thailand Trust Mark Award.

With valuable knowledges and accumulated experiences for 28 years, we have been serving many customers from over 40 countries worldwide. We are your "Nutrifying Agricultural Partner".

We actively research and develop innovative products and supply tailor-made products for our clients. We provides products and services that aims for sustainable development of modern agriculture.





## ACCESS TO RAW MATERIALS

This represents the first step of manufacturing process. Napnutriscience selects high quality raw materials in Thailand and use them in the production of plant nutrition products.



## AGRICULTURAL AND MARKETING CONSULTATION

The last step represents that Napnutriscience is not only the manufacturer but we are also the personal consultant to our business partners. Napnutriscience offers excellent services in agricultural and marketing consultations.

## HIGH STANDARD PRODUCTION METHODS

At this stage, Napnutriscience works differently depending on our partner's requirement. Knowing and understanding the agricultural practice from different countries and developing the best standard production methods are essential to obtain crop nutrition products in order to increase crop yield and meet farmers' needs.



## KNOW-HOW

This step capitalizes on over 27 years of experience in the study of geographical factors and 54 years of experience in the study of plant physiology. In Napnutriscience laboratories, different active ingredients are sourced to exploit all possible synergies and to obtain innovative and effective nutritional products.



# GROWING BETTER TOGETHER

**VISION** THE SOLUTION FOR  
AGRICULTURAL INDUSTRY

**MISSION** To create innovative and efficient solutions for sustainable development of modern agriculture. We are devoted to creating productivity constructive relationships while improving the quality of life through better nutrition and better environment for human well-being. These are the values that guide our commitment which regards each and every of our customers.



# NAPNUTRISCIENCE's Exploration

## AFRICA

- Tunisia
- Nigeria
- Algeria
- Mali
- Libya
- Cote d' Ivoire

## EUROPE

- Spain
- Latvia
- Russia
- Cyprus

## SOUTH ASIA

- Sri Lanka
- Pakistan
- India
- Nepal
- Bangladesh

## EAST ASIA

- Taiwan
- South Korea
- China

## HEADQUARTER

- Thailand

## MIDDLE EAST

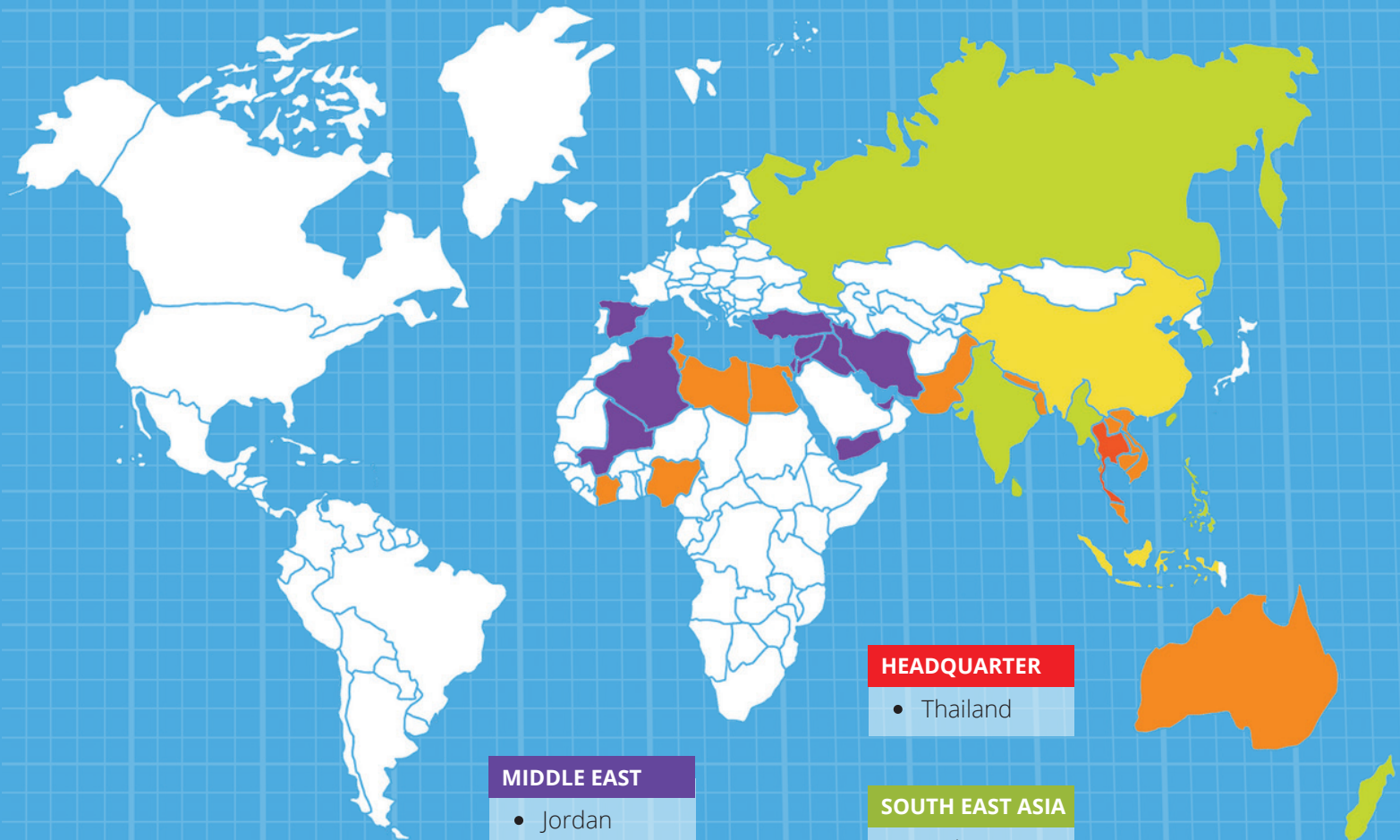
- Jordan
- Turkey
- Egypt
- Yemen
- UAE
- Iraq
- Iran
- Palestine

## SOUTH EAST ASIA

- Malaysia
- Vietnam
- Indonesia
- Phillipines
- Laos
- Myanmar
- Cambodia

## OCEANIA

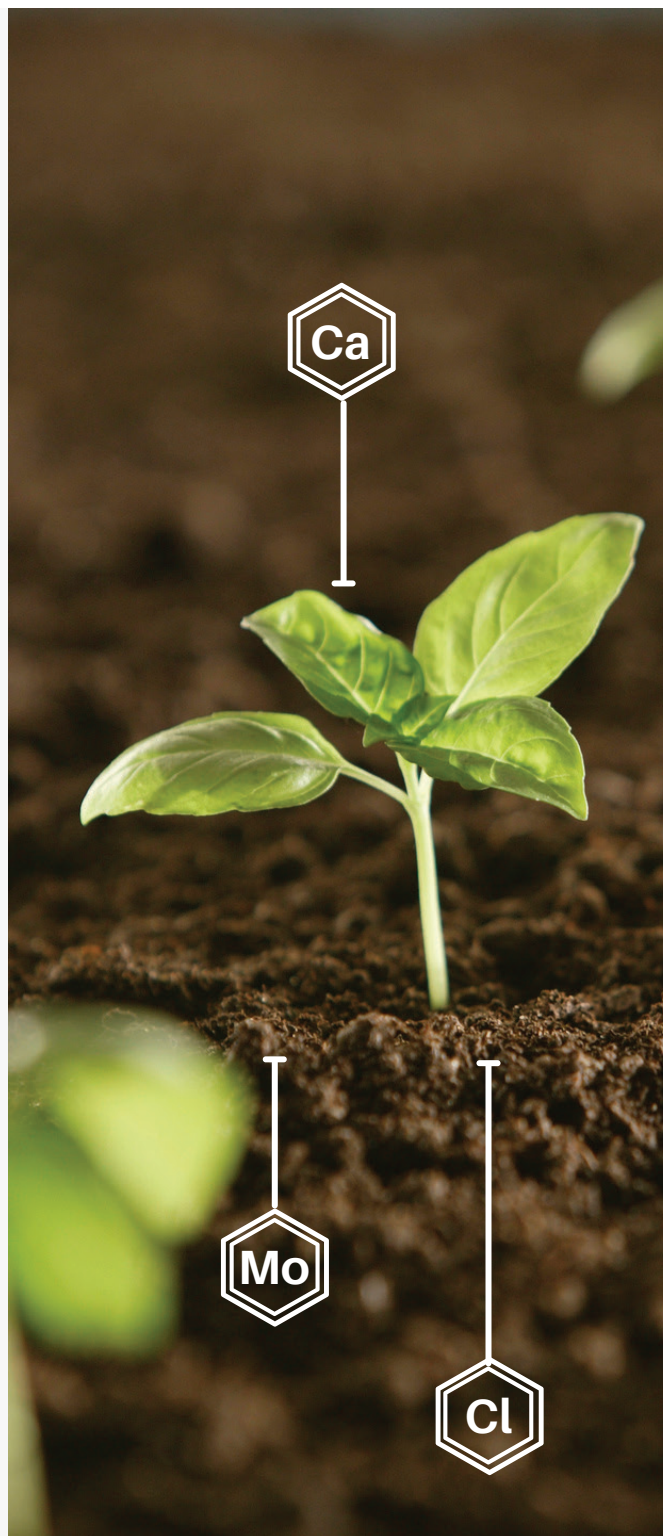
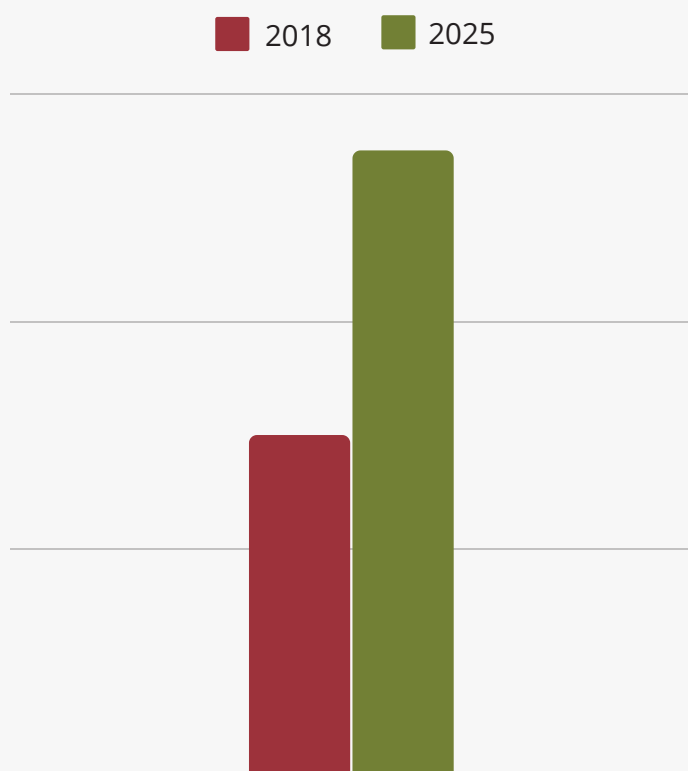
- Australia
- New Zealand

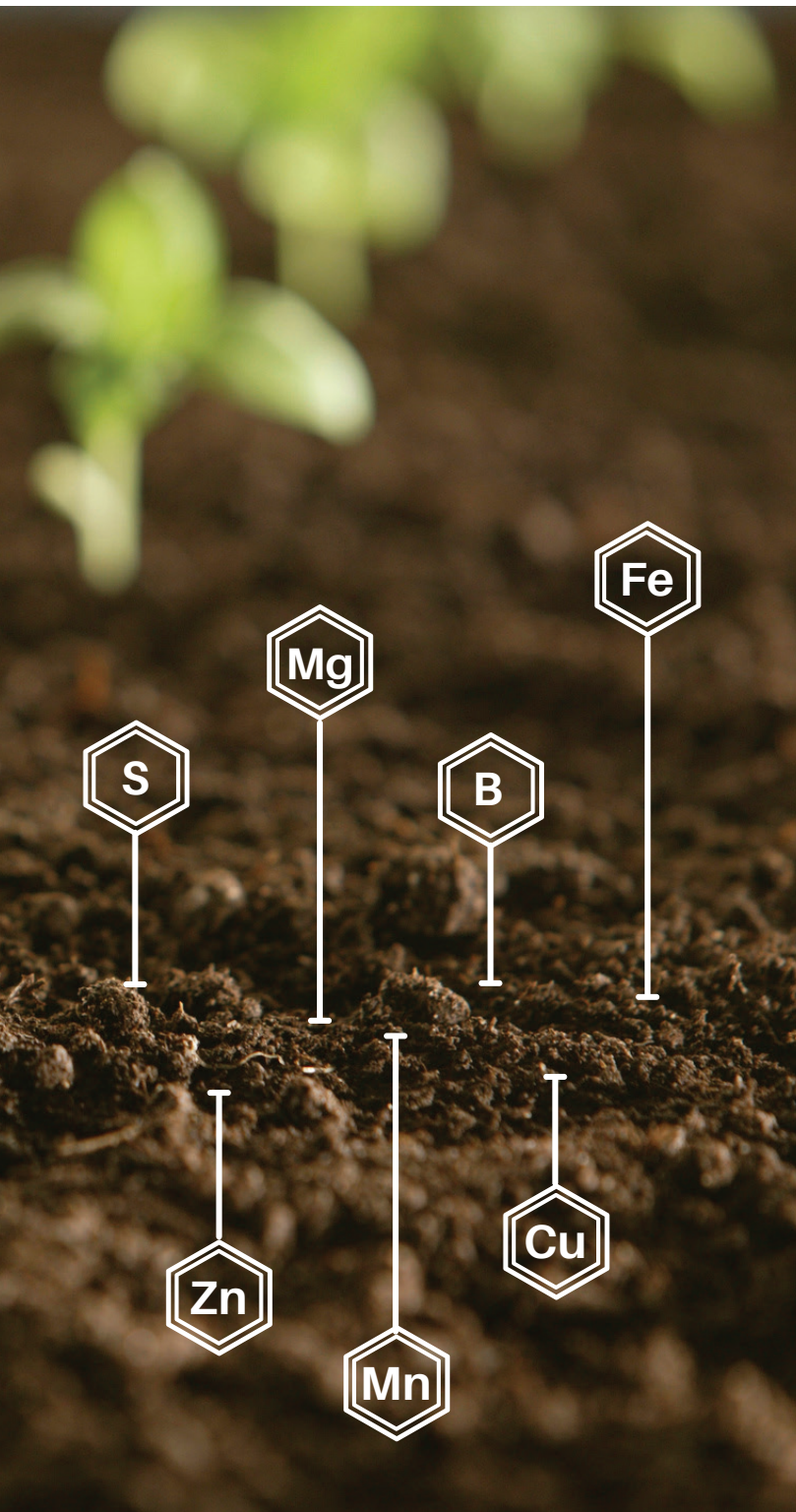


# PLANT NUTRITION MARKET

The global crop micronutrients market was valued at \$6,077.05 million in 2017, and is projected to reach \$11,532.36 million by 2025, registering a CAGR of 8.3% from 2018 to 2025.

GLOBAL CROP MICRONUTRIENTS MARKET





**CAGR = 8.3%**  
from 2018 to 2025



Crop micronutrients are essential nutrients required by plants for growth and other metabolic activities. They play a major role in improving quality, color, taste, efficiency of fertilisers, water use, disease resistance, and others. They also aid in the development of large as well as strong roots, help build complete proteins and compounds, and promote better plant immunity.

Factors such as effectiveness of micronutrients for crop yield and productivity, increased awareness among growers about the benefits of micronutrients and shrinkage of agricultural land, are driving the global crop micronutrients market.

NUTRIFYING AGRICULTURAL PARTNER

## MICRONUTRIENTS

- Combi : Micronutrients chelated with citric acid
- Diz : Micronutrients chelated with polyphenolic acid
- Effervescent : Micronutrients chelated with citric acid under effervescent technology
- Mammoth : Micronutrients chelated with hydroxypropanetricarboxylic acid
- Super Spray : Range of our "best-selling" Calcium Boron fertilizer
- Ready Mix : Micronutrients chelated with EDTA

## BIOSTIMULANTS

- PRIME SERIES : The new stress technology using a combination of priming agents.
- Excellent : Micronutrients chelated with EDTA and free amino acids
- Nap-seaweed : Seaweed extract fertilizer

## NPK's

- Zitraz : High performance of liquid NPK fertilizers under "Neutralization technology"
- Aquatek : Range of NPK foliar fertilizer products in the form of soluble liquid concentrates
- Water Soluble Fertilizer : Range of micro-crystalline fertilizer in optimal ratio
- Mister (Mr.) : Range of premium NPK in water-soluble powder form with buffering agents, micronutrients, and growth additive
- Harvest : Suspension foliar nutrient fertilizer designed for rapid action
- Vigor : Nitrogen plus calcium boron liquid fertilizer

## SOIL APPLICATION

- Hercules Utah : Chelated plant micronutrients fertilizer in compression granule form
- Galaxy : Plant micronutrients in granule form

## HUMIC SUBSTANCES

- Kali : High quality Humic acid and Fulvic acid for soil improvement

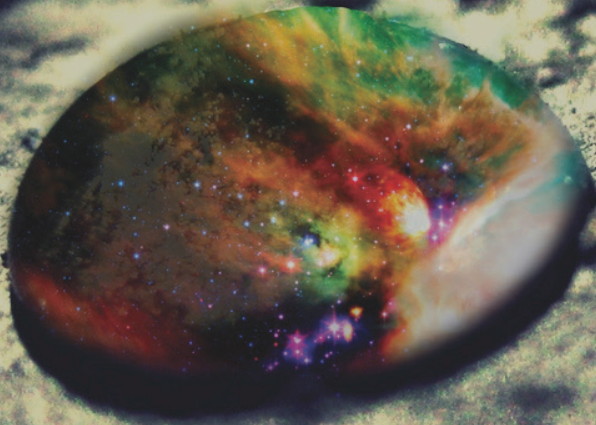
## DENFENSE ACTIVATORS

- Nap Heavy Weight : Liquid fertilizer containing phosphite which provides immunity to plants and a high percentage yield
- NapGibb : Innovative chelated micronutrient plus growth additive
- Tablet : Micronutrients plus growth additive in water-dispersible tablet form

## SPECIAL CORRECTOR AND ADJUVANTS

- Aquamate : Agricultural adjuvant providing superior spreading and penetration to all agricultural inputs
- Desaline : Solution to soil salinization and sodicity
- Hybrid : Water conditioner acting as the corrector of pH and incompatibility

# MICRONUTRIENTS



NUTRIFYING AGRICULTURAL PARTNERS

COMBI Chelates (Clear Liquid) are our best liquid double chelates suitable for foliar applications. The high quality chelating agents buffer spray tank mixes and promote efficient nutrient absorption. COMBI Chelates are compatible with most herbicides, insecticides, fungicides, and npk fertilizers such as 20-20-20 in drip irrigation system.

Products	Ingredients
Combi Tree Vine & Vegetable Mix	3%Zn, 1%Mg, 1%Mn, 1%Fe, 4%S
Combi Magnesium	4%Mg, 5%S
Combi Iron	5%Fe, 3%S
Combi Zinc	10%Zn, 5%S
Combi Manganese	5%Mn, 3%S
Combi Zinc Manganese	5%Zn, 5%Mn, 5%S
Combi Corn Mix	5%Zn, 1%Cu, 1%Mn, 0.1%Fe, 0.1%B, 0.01%Mo, 4%S
Combi Legume Mix	1.5%Mg, 4%S, 2%Mn, 0.1%Cu, 2%Zn, 0.1%B, 0.1%Mo
Combi Rice Mix	0.6%Mg, 4%S, 0.25%Fe, 0.95%Mn, 0.25%Cu, 5%Zn
Combi Cotton Mix	1%Fe, 2%Zn, 3%Mn, 4%S
Combi Tobacco Mix	2%Mg, 4%S, 0.5Fe, 1%Mn, 1%Zn, 0.1%Mo

NUTRIFYING AGRICULTURAL PARTNERS

DIZ Chelates (Dark Liquid) are our most versatile liquid single chelates for soil and foliar applications. Dark phenolic acid chelating agents buffer spray tank mixes, promote efficient nutrient absorption, and are compatible with most herbicides, insecticides, and fungicides.

Products	Ingredients
Diz Tree Vine& Vegetable Mix	3%Zn, 1%Mg, 1%Mn, 1%Fe, 4%S
Diz Magnesium	4%Mg, 4%S
Diz Iron	5%Fe, 4%S
Diz Zinc	10%Zn, 5%S
Diz Manganese	5%Mn, 4%S
Diz Zinc Manganese	5%Zn, 5%Mn, 5%S
Diz Corn Mix	5%Zn, 1%Cu, 1%Mn, 0.1%Fe, 0.1%B, 0.01%Mo, 4%S
Diz Legume Mix	1.5%Mg, 2%Mn, 2%Zn, 0.1%Cu, 0.1%Mo, 0.1%B, 4%S
Diz Rice Mix	5%Zn, 0.25%Cu, 0.25%Fe, 0.95%Mn, 0.6%Mg, 4%S
Diz Cotton Mix	1%Fe, 3%Mn, 2%Zn, 4%S
Diz Tobacco Mix	2%Mg, 3%S, 0.5%Fe, 1%Mn, 0.2%Cu, 1%Zn 0.05%B, 0.1%Mo
Diz Rambutan & Mango Mix	1%Mg, 4%S, 1%Fe, 0.4%Mn, 0.1%Cu, 3%Zn, 0.1%B, 0.02%Mo
Diz Como	5%B, 1%Mo

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NUTRIFYING AGRICULTURAL PARTNERS

Effervescent Chelates is produced by the dehydrate anhydrous technology to make effervescent high concentrated powder that is able to dissolve quickly in water during mixing. This formulation contains buffering agent which enhances efficient nutrient absorption and the stability of pesticides inside the tank mix. Effervescent Chelates is compatible with most pesticides and fertilizers.

<b>Products</b>	<b>Ingredients</b>
CAB PREMIUM 124	12%Ca, 4%B
PADDY FEED	4.1%Mg, 3.94%Ca, 1.18%Mn, 1.35%Zn, 1.05%B
CHERILON COMBI	5%Mg, 1.75%Zn, 1.3%Mn, 1%B, 1.86%Ca, 0.1%Mo

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NUTRIFYING AGRICULTURAL PARTNERS

MAMMOTH is our unique innovative micronutrient formulation technology from Napnutriscience. This high performance liquid formulation provides rapid foliar absorption of micronutrients and enhances healthy and waxy-shine leaves.

### Benefits:

- ✓ Rapid absorption and translocation within plant cells
- ✓ Give the results of waxy-shine leaves from our SOLARSHINE technology
- ✓ Less quantity required for similar efficacy
- ✓ Maximizing foliar absorption and preventing localized dry spot
- ✓ Buffering spray water to ensure favourable environment when mixed with pesticides
- ✓ Compatible with a wide variety of pesticides, fertilizers, and micronutrients (except for high pH products)

NUTRIFYING AGRICULTURAL PARTNERS

Products	Ingredients
Mammoth Bomo	0.4%B, 1%Mo
Mammoth Magnesium	4.24%Mg, 3%S
Mammoth Lay-O	4% L-amino with Growth additive (GA) (black color)
Mammoth Ferrous	5%Fe, 2%S
Mammoth Combi	1.21%Mg, 1%Fe, 1%Mn, 3%Zn, 4%S
Mammoth Boron	10%B
Mammoth Zinc	5%Zn, 2%S
Mammoth Manganese	6.8%Mn, 3%S
Mammoth Calcium Boron	9.85%Ca, 1%B
Mammoth Magnesium Boron	4%Mg, 1%B
Mammoth Spa	Folic 500ppm
Mammoth Folizyme GA	17% P <sub>2</sub> O <sub>5</sub> , 5%K <sub>2</sub> O
Mammoth Fong Do	4%L-amino with Growth additive (GA) (green color)
Mammoth Zinc Manganese	5%Zn, 5%Mn, 5%S
Mammoth Calcium Magnesium	5.70%Ca, 3.64%Mg
Mammoth Sugar Express	67%Sugar Compounds, 1.66%L-Cysteine, 0.33% Folic acid
Mammoth Seoul	Sticker - Spreader
Mammoth High Phos	17%P <sub>2</sub> O <sub>5</sub> , 5%K <sub>2</sub> O

**NUTRIFYING AGRICULTURAL PARTNERS**

Super Spray (Clear Liquid) is our best selling solutions of calcium boron for soil and foliar application. It promotes efficient calcium boron necessary for the plant growth and is compatibles with a wide variety of pesticides and soluble fertilizers.

<b>Products</b>	<b>Ingredients</b>
SUPER SPRAY	5%Ca, 0.5%B
SUPER SPRAY Plus Nitrogen	5%Ca, 0.5%B, 3%N
SUPER SPRAY Plus Magnesium	5%Ca, 0.5%B, 3%Mg
SUPER SPRAY Plus Iron	5%Ca, 0.5%B, 3%Fe
SUPER SPRAY Plus Zinc	5%Ca, 0.5%B, 3%Zn
EXTRA SPRAY	5%Ca, 0.5%B, 0.1%Mo
EXTRA SPRAY Plus Nitrogen	5%Ca, 0.5%B, 0.1%Mo, 3%N
EXTRA SPRAY Plus Magnesium	5%Ca, 0.5%B, 0.1%Mo, 3%Mg
EXTRA SPRAY Plus Iron	5%Ca, 0.5%B, 0.1%Mo, 3%Fe
EXTRA SPRAY Plus Zinc	5%Ca, 0.5%B, 0.1%Mo, 3%Zn



# Other Calcium Boron Products

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NUTRIFYING AGRICULTURAL PARTNERS

<b>Products</b>	<b>Ingredients</b>
CAB'Y	10%Ca, 0.5%B
SETT	8%Ca, 1%B
CAC'Y PLUS	10%Ca, 0.5%B, 0.1%Mo
Plant SET	8%Ca, 0.5%B

**NUTRIFYING AGRICULTURAL PARTNERS**

READY MIX (Water Soluble Powder) is an essential plant micronutrients chelated with EDTA. This formulation can be applied for all application and is compatible to a wide variety of pesticides and fertilizers.

<b>Products</b>	<b>Ingredients</b>
Ready Mix Combi One	5.45%Mg, 3%S, 4%Fe, 4%Mn, 1.5%Cu, 1.5%Zn, 0.5%B, 0.1%Mo
Ready Mix Combi Two	2%Mg, 2.8%S, 4%Fe, 3%Mn, 0.5%Cu, 4%Zn, 1.5%B, 0.05%Mo
Ready Mix Magnesium Oxide 23	13.94%Mg
Ready Mix Zinc 32	32%Zn
Ready Mix Ferrous 13.2	13.2%Fe
Ready Mix Manganese 28	28%Mn
Ready Mix Copper 28	28%Cu
Ready Mix Calcium Boron	23.57%Ca, 4%B
Ready Mix Zinc Manganese Copper	17.5%Zn, 4%Cu, 4%Mn



# BIOSTIMULANTS

NUTRIFYING AGRICULTURAL PARTNERS

## Advanced Biostimulants for Optimal Plant Performance

The PRIME SERIES is a specialized group of biostimulants designed to meet the specific needs of plants, helping them overcome environmental stress and hormonal imbalances. These imbalances can disrupt essential nutrient synthesis, leading to incomplete growth processes. As a result, plants may exhibit various issues such as leaf drop, flower and fruit drop, poor fruit formation, lack of coloration, reduced flowering, and susceptibility to adverse weather conditions.

Additionally, Prime Series supports post-harvest recovery, aids plants in recuperating from pest and disease damage, and enhances their ability to absorb nutrients effectively.

It also improves plant response to fertilizers, ensures proper gene expression, and helps maintain optimal growth and productivity.

By integrating Prime Series into your crop management program, you can ensure healthier, more resilient plants that perform to their full genetic potential.

## PRIME SERIES

Products	Ingredients
PRIMESTIM	5% Acetyl Thiazole Acetic acid, 1% Hydroxybenzoic acid, 0.1% Folic acid
PINOFii	30% D-glucital, 0.5% Cyclopentaneacetic acid
PRESERVE	40% L-Amino Hydroxy Butanoic acid, 20% Propionic
THRIVE	20% Gluconic acid, 20% Propionic

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NUTRIFYING AGRICULTURAL PARTNERS

## Double Chelates Double Actions

EXCELLENT is our special Double Chelates Double Actions which is the broad spectrum solution for the correction of micronutrient deficiency. It contains the combination of L-amino acids together with chelated micronutrient that is essential for plant growth and optimal yield. L-amino acid is extracted from natural plant compound suitable for foliar application. This product contains only the free amino acid and the readily available form of chelated micronutrients which is better compared to other amino acid products in the market that have higher degree of hydrolysis and less amount of free amino acids.

### Benefits:

- ✔ Fast action and excellent compatibility
- ✔ Prevent micronutrient deficiency and chlorosis symptoms
- ✔ Micronutrient deficiency correction
- ✔ Increase the rate of photosynthesis
- ✔ Tolerant to stress
- ✔ Improve fruit set and crop yield

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NUTRIFYING AGRICULTURAL PARTNERS

## Excellent Chelant TE (Clear Liquid)

Products	Ingredients
Excellent Zinc	10%Zn, 5%S, 5%L-amino
Excellent Magnesium	4%Mg, 5%S, 5%L-amino
Excellent Ferrous	5%Fe, 3%S, 5%L-amino
Excellent Manganese	5%Mn, 3%S, 5%L-amino
Excellent Calcium Boron	8%Ca, 0.2%B,5%L-amino

NUTRIFYING AGRICULTURAL PARTNERS

## Excellent Mix (Water Soluble Powder)

Products	Ingredients
Excellent Combi One	5.18%Mg, 2.85%S, 3.8%Fe, 3.8%Mn, 1.4%Cu, 1.4%Zn, 0.47%B, 0.095%Mo, 5%L-amino
Excellent Combi Two	1.9%Mg, 2.66%S, 3.8%Fe, 2.85%Mn, 0.47%Cu, 3.8%Zn, 1.42%B, 0.047%Mo, 5%L-amino
Excellent high Ferrous	12.5%Fe, 5%L-amino
Excellent high Magnesium	13.21%Mg, 5%L-amino
Excellent high Manganese	26.6%Mn, 5%L-amino
Excellent high Zinc	30%Zn, 5%L-amino
Excellent high Zinc Manganese Copper	16.6%Zn, 3.8%Mn, 3.8%Cu, 5%L-amino
Excellent high Calcium Boron	22%Ca, 3.8%B, 5%L-amino

NUTRIFYING AGRICULTURAL PARTNERS

## Excellent Science Fert

Products	Ingredients
Excellent Grower	14%N, 7%Ca, 5%L-amino
Excellent Bloommer	16%P <sub>2</sub> O <sub>5</sub> , 5%K <sub>2</sub> O, 5%L-amino
Excellent High K	48%K <sub>2</sub> O, 5%L-amino

## Excellent Chelant Calcium Boron (Dark Liquid)

Products	Ingredients
Excellent Chelant CaB	5.55%Ca, 0.2%B, 4.6%L-amino

## Excellent Specialty

Products	Ingredients
Rapidsorb	0.02%B, 0.07%Mn, 0.04%Zn, 12%L-amino
Excellent Full House	12.5%L-amino, 2.5%Seaweed extract, 85%Humic acid

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NUTRIFYING AGRICULTURAL PARTNERS

NAP Seaweed is a high concentrated natural seaweed extract along with growth additives for plant vigor. It increases plant immunity, stimulates root and shoot growth, and enhances resistance to drought.

<b>Products</b>	<b>Ingredients</b>
NAP Seaweed	24% Seaweed extract plus Growth additives
Semi Synthetic NAP Seaweed	8%Seaweed extract, 8%Amino acid, Stimulate
Jammar BM 86	5% seaweed extact with Growth additive (GA) and L-amino

A microscopic view of plant cells, showing cell walls and internal structures. The cells are stained with a blue and purple dye, creating a vibrant, colorful appearance. The text "NPK's" is overlaid in the center of the image.

**NPK's**

NUTRIFYING AGRICULTURAL PARTNERS

Zitraz Liquid Fertilizer, an innovative substitution of traditional water-soluble fertilizers coming up with “Neutralization technology” in order to get high performance of NPK fertilizer without precipitation, bottle swelling from urea gas and the decrease in active ingredient content (%NPK) over time.

## Products

Zitraz 0-20-10	NPK (0-20-10)
Zitraz 3-0-30	NPK (3-0-30)
Zitraz 20-5-5	NPK (20-5-5)
Zitraz 5-20-20	NPK (5-20-20)
Zitraz 10-10-10	NPK (10-10-10)
Zitraz 0-30-20	NPK (0-30-20)
Zitraz 7-22-0	NPK (7-22-0)

**NUTRIFYING AGRICULTURAL PARTNERS**

AQUATEK is high quality liquid NPK formulations, offering a wide range of NPK ratios enriched with chelated micronutrients and other specialties. This formulation is fast-acting which can immediately boost the plant growth. AQUATEK is suitable for all crops at all stages and highly recommended for foliar application.

<b>Products</b>	<b>Ingredients</b>
Aquatek Green	10-5-5 + 3.3%MgO, 1%Zn 10-5-5
Aquatek Blooms	5-10-5 + 3.3%MgO, 1%Zn 5-10-5
Aquatek Gain	5-5-10 + 0.8%MgO, 0.5%Zn 5-5-10
Aquatek High N	27-0-0
Aquatek High P	5-20-5 0-20-10 0-18-9 0-16-8
Aquatek High K	0-0-30 3-0-30
Aquatek PK	0-30-30 0-12-24 0-10-20 0-15-15 0-12-12



# Water Soluble Fertilizer

NUTRIFYING AGRICULTURAL PARTNERS

Our Water Soluble Fertilizer is formulated in micro-crystalline fine form in an optimal ratio. It completed the line of plant nutrients and has high solubility with no chloride and sodium.

<b>Products</b>		<b>Ingredients</b>
<b>Starter</b>	Starter One	30-20-10 + TE
	Starter Two	24-10-10
	Starter Three	24-0-0
	Starter Four	30-5-5
<b>Top Balance</b>	Top Balance One	19-19-19
	Top Balance Two	20-20-20 + TE
	Top Balance Three	21-21-21 + TE
	Top Balance Four	18-18-18
	Top Balance Five	14-14-14



# Water Soluble Fertilizer

NUTRIFYING AGRICULTURAL PARTNERS

<b>Products</b>		<b>Ingredients</b>
<b>Q Pro</b>	Q Pro One	15-7-20
	Q Pro Two	21-7-14
	Q Pro Three	10-52-17 + TE
	Q Pro Four	15-30-15 + TE
<b>More Q</b>	More Q - One	12-11-18 + TE
	More Q - Two	13-13-20 + TE
	More Q - Three	20-10-30 + TE
	More Q - Four	6-32-32 + TE
	More Q - Five	10-10-36
	More Q - Six	10-20-30 + TE
	More Q - Seven	0-33-45
	More Q - Eight	0-36-49
	More Q - Nine	0-38-51

NUTRIFYING AGRICULTURAL PARTNERS

MR. products are high quality water-soluble NPK fertilizer, offering a wide range of NPK ratio enriched with micronutrients improving plant nutrients absorption. This product can be applied for all crops and all stage to stimulate plant growth.

## MR. K

Products	Ingredients
MR. K - One	7-13-34 + 5%Zn
MR. K - Plus Amino	7-13-14 + 17%L-amino

## MR. N

Products	Ingredients
MR. N - One	24-0-0 + 13%Ca
MR. N - Two	24-0-0 + 13.88%Ca
MR. N - Three	24-0-0 +12.86%Ca + 5%L-amino
MR. N - Four	24-0-0 +14.6%Ca + 0.3B

NUTRIFYING AGRICULTURAL PARTNERS

## MR. ENSURE

Products	Ingredients
MR. ENSURE ONE	0-33-45 + 1.5%Zn
MR. ENSURE TWO	0-33-45 + 1.5%Fe
MR. ENSURE THREE	0-38-51
MR. ENSURE FOUR	0-38-51 + 5%L-amino
MR. ENSURE FIVE	0-34-46 + 2%B

## MR. HYBRICK

Products	Ingredients
MR. HYBRICK 19	19-19-19
MR. HYBRICK Fe	6% Fe

NUTRIFYING AGRICULTURAL PARTNERS

HARVEST PLUS is a suspension foliar nutrient fertilizer which designed to prevent nutrient deficiencies and stimulate the growth of plant in order to improve crop yield and fruit quality.

## Products

## Ingredients

Harvest Plus High Phos GA 3-17-5

3%N, 17%P<sub>2</sub>O<sub>5</sub>, 5%K<sub>2</sub>O, 0.96%Mg, 0.96%Ca, 1.5%S, 1.44%Fe, 0.48%Mn, 0.96%Zn, 0.19%B, 0.048%Mo

Harvest Plus High Phos GA 0-17-5

17%P<sub>2</sub>O<sub>5</sub>, 5%K<sub>2</sub>O, 0.96%Mg, 0.96%Ca, 1.5%S, 1.44%Fe, 0.48%Mn, 0.96%Zn, 0.19%B, 0.048%Mo

Harvest Plus High K GA 0-6-12

6%P<sub>2</sub>O<sub>5</sub>, 12%K<sub>2</sub>O

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NUTRIFYING AGRICULTURAL PARTNERS

Vigor Plus is a liquid nitrogen along with calcium boron for both foliar and soil application. It enhances root system in order to get more healthy leaves, preparing itself for the next season.

<b>Products</b>	<b>Ingredients</b>
Vigor Plus	8.5%N, 8.5%Ca, 0.15%B
Vigor Plus Humic	8.5%N, 8.5%Ca, 0.15%B, 3% Humic acid

# SOIL APPLICATION



**NUTRIFYING AGRICULTURAL PARTNERS**

HERCULES UTAH is our well-known soil application fertilizer, offering every secondary and micronutrients that plants need to be healthy. All Utah formulations contain an organic chelating agent which can effectively chelate nutrients into the available forms for plant to uptakes, provide plant root growth additive, and increase root caps.

<b>Products</b>	<b>Ingredients</b>
Hercules Utah 1	2.97%Mg, 7%Ca, 5%S, 1%Fe, 0.75%Mn, 0.15%Cu, 1.5%Zn, 0.5%B
Hercules Utah 6	4%S, 8%Cu, 4%Zn
Hercules Utah 7	4%S, 6%Cu, 3%Zn, 1.86%B
Hercules Utah 10	6.06%Mg, 12%S, 1%Fe, 3%Mn, 3%Zn, 0.25%B
Hercules Utah Fe 15	15%Fe
Hercules Utah Rice Mix	7%CaO, 5%S, 2%Fe, 1%Mn, 1%Cu, 5%Zn, 1%B
Hercules Utah Oil Palm	3%Zn,6%Cu, 6%B <sub>2</sub> O <sub>3</sub>
Hercules Utah Veggie	7%Ca, 1.45%Mg, 0.5%Zn, 0.5%Mn, 0.1%Cu, 0.1%Fe, 0.5%B, 5%S
Hercules Utah Veggie Mo	3.03%Mg, 10%Ca, 5%S, 0.1%Fe, 0.5%Mn, 0.1%Cu, 0.5%Zn, 0.5%B, 0.01%Mo

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NUTRIFYING AGRICULTURAL PARTNERS

GALAXY is an optimum chelated plant micronutrients fertilizer in granule form. It can be used for preventive and curative treatments of micronutrient deficiency for all crops.

<b>Products</b>	<b>Ingredients</b>
Galaxy One	8%Ca, 1%Zn, 4%Mg, 1%Fe
Galaxy G	8%Ca, 1.6%Zn, 4%Mg, 1%Fe, 20%SO <sub>2</sub>



# HUMIC SUBSTANCES

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NUTRIFYING AGRICULTURAL PARTNERS

KALI product is our well-known complete soil conditioner, offering 3 bioactive substances including Humic acid, Fulvic acid, and Amino acid. This product contains a high concentration of active ingredients in the form of spray-dried powder which makes them 100% water-soluble. It is highly recommend to use in all crops at all stages and is suitable for both foliar and soil applications.

<b>Products</b>	<b>Ingredients</b>
Humus Kali	Organic matter 60% K2O 20% Humic acid 20-30% Fulvic acid 15-20% Amino acid 2-3%
Thomus Kali	K2O 30% (min) Calcium (Ca) 5% Magnesium (Mg) 2% Sulfer 6% OM. 2%
Voo Doo	Humic acid 60% Seaweed 2.5% L-amino 12%

# DEFENSE ACTIVATORS





# NAP Heavy Weight

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NUTRIFYING AGRICULTURAL PARTNERS

NAP Heavy Weight is our special "nutriceutical" fluid fertilizer, deriving from phosphite which can interrupt pathogenic micro-organism. The molecules inside NAP Heavy Weight can stimulate plant growth, help plant to quickly recover from diseases, drought, stress, and fruit setting.

<b>Products</b>	<b>Ingredients</b>
NAP Heavy Weight	0-51-12
NAP Heavy Weight La Flora	0-30-20
NAP Heavy Weight Flora Bloom	0-40-10 + 3%L-amino
NAP Heavy Weight La Calidad	0-40-10

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**NUTRIFYING AGRICULTURAL PARTNERS**

NAP Gibb is our unique innovative formulation of micronutrients and plant growth additives in the perfect ratio for plant which can promote the growth and elongation of plant cell walls. It helps in the triggering of seed germination, stem differentiation and plant maturation. NAP Gibb is a special formulation produced by effervescent chelating technology which gives effervescent concentrated powder to rapidly dissolve in water.

<b>Products</b>	<b>Ingredients</b>
NAP Gibb	5% seaweed extract with Growth additive (GA) and L-amino

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**NUTRIFYING AGRICULTURAL PARTNERS**

Tablet is a wide range of micronutrient with plant growth additives or special "nutriceutical" nutrients that provides both plant-growth and pest immunity properties to plant in "water-dispersible tablet" form created by effervescence technology.

<b>Products</b>	<b>Ingredients</b>
Amarith Tablet	1%Mo
FastaB	4.2%CaO, 2.5%Zn, 1%B
Curatab Platinum	18%Cu (Cuprous oxide form), 1%Mo
Curatab Gold	10%Cu (Cuprous oxide form), 5%Mn, 10%Zn
Curatab Silver	5%Cu (Cuprous oxide form), 5%Zn, 5%Mn



# **SPECIAL CORRECTOR AND ADJUVANTS**

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**NUTRIFYING AGRICULTURAL PARTNERS**

AQUAMATE is our triple action adjuvant for foliar application including sticker, spreaders, and penetrators. This product is a super-spreading surfactant based on a modified organosiloxane and non-ionic alcohol ethoxylate which would not cause any phytotoxicity to plants. Moreover, AQUAMATE requires a low application rate due to its high efficacy

<b>Products</b>	<b>Ingredients</b>
Aquamate OS5	50% Modified organosiloxane
Aquamate OS7	70% Modified organosiloxane
Aquamate OS9	90% Modified organosiloxane

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NUTRIFYING AGRICULTURAL PARTNERS

DESALINE is our special solution to solve the problems of soil salinization and sodicity which can remove the sodium from root zones, minimize soil compaction, and allow for greater root developments.

Products	Ingredients
Desaline <b>Powder</b>	11%Ca, 0.13%Mn, 0.06%Zn, 20%Organic acid, 24% Humic and fulvic acid, 6.2%Reducing sugars
Desaline Liquid	50% copolymer of organic acid
Aquacure	OM. 50%, N-P-K (10-10-10)

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**NUTRIFYING AGRICULTURAL PARTNERS**

HYBRID is our well-known special corrector and adjuvant formulation which can solve problems in irrigation water with high pH and tank mix incompatibility. It helps improve spray droplet retention and penetration of active ingredients including fertilizers and pesticides into plant foliage. The colour of HYBRID can be easily tracked to tell the pH of the tank mix solution.

**Benefits:**

- ✔ Adjust pH of spray water to reduct pesticide hydrolysis
- ✔ Provide abilities of sticker and spreader
- ✔ Turn spray water into pink color which is easy to indicate the pH of solution
- ✔ Increase solubility of soluble fertilizers and micronutrients
- ✔ Maximize pesticide efficacy and stability
- ✔ Enhance leaves absorption of fertilizers and micronutrients
- ✔ Enhance roots absorption of fertilizer and micronutrients

<b>Products</b>	<b>Ingredients</b>
Hybrid SB	Buffering, sticker, and spreader
Hybrid Cu	Buffering fertilizer + 0.25%Cu
Hybrid Zn	Bufferting fertilizer + 2%Zn
Hybrid Mg	Buffering fertilizer + 1%Mg



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