ENMATECH GLOBAL

AGRICULTURAL

SOLUTIONS CATALOGUE

Life Science • Agricultural Solutions • Global Reach

ENMATECH GLOBAL — YOUR PARTNER IN CROP EXCELLENCE

www.enmatechglobal.com

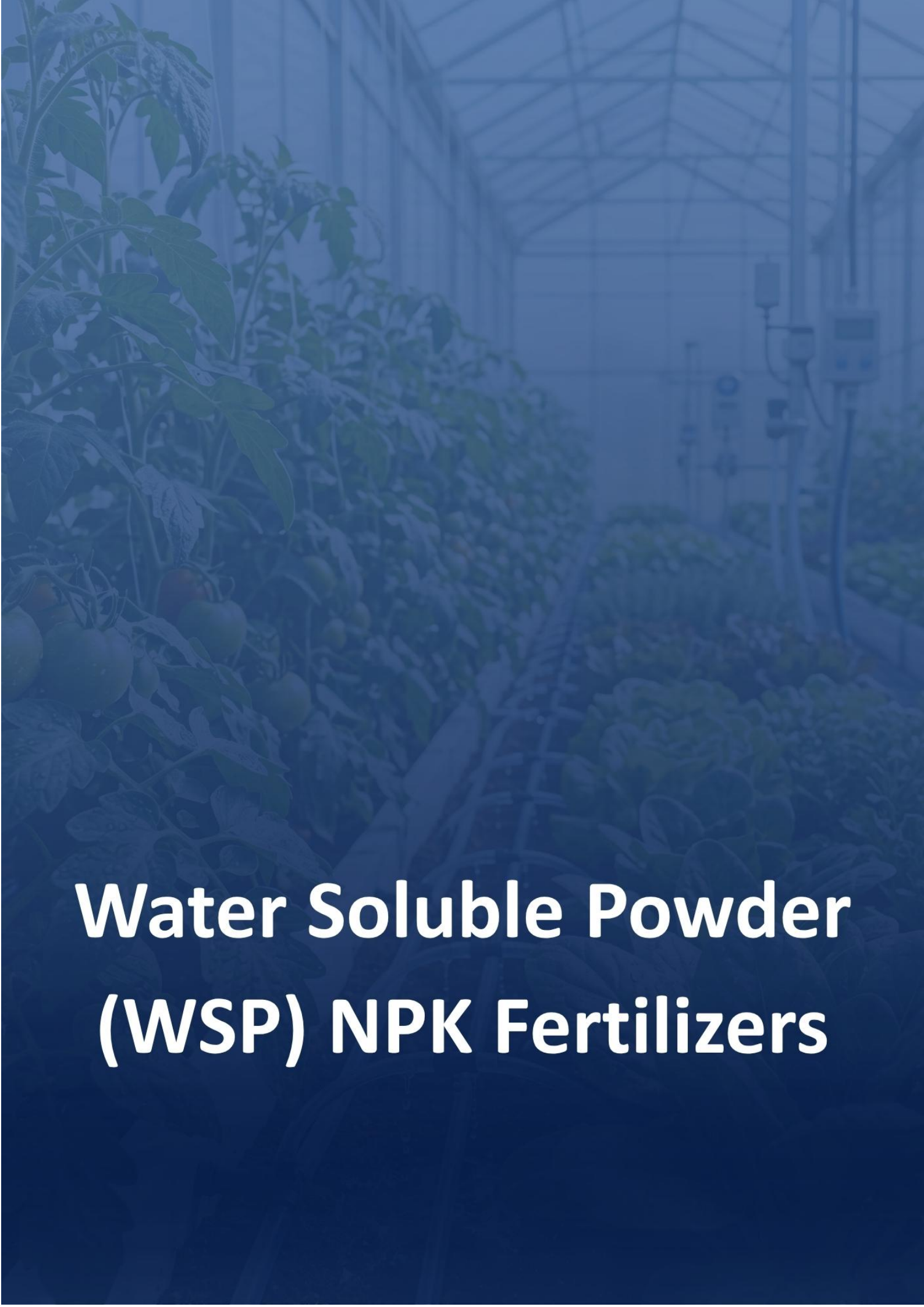
About Our Agricultural Solutions

Our company was established with a clear mission: to deliver cutting-edge, science-backed fertilizer products that empower farmers and agricultural businesses to achieve superior yields while promoting environmental responsibility.

With over two decades of combined industry experience, our team of agronomists, chemists, and field specialists has developed a comprehensive portfolio of products engineered to support every stage of the plant growth cycle. From establishing healthy root systems to optimizing fruit quality at harvest, we provide solutions tailored to real-world agricultural challenges.

Our product development process is driven by rigorous research and a deep understanding of soil science, crop physiology, and irrigation technology. We offer water soluble powders, paste concentrates, suspension fertilizers, and a full range of specialty liquid products, all manufactured from premium-grade raw materials under strict quality standards.

We are committed to producing tailor-made formulations to meet specific agronomic requirements, offering custom packaging solutions, and providing technical support from planting through post-harvest.



Water Soluble Powder (WSP) NPK Fertilizers

- Manufactured from high-purity raw materials for consistent, reliable performance
- Enriched with secondary elements (MgO, CaO, SO_3) for complete nutrition
- Contains EDTA-chelated micronutrients: Fe, Zn, Mn, Cu, B, Mo for optimal uptake
- Compatible with all crop types via fertigation systems and foliar application
- Custom formulations and packaging available upon request

WSP Formula Ranges

Balanced Formulas — *Supports and sustains overall plant growth and development*		
20-20-20 + TE	19-19-19 + TE	18-18-18 + TE

High Nitrogen Formulas — *Promotes vigorous vegetative growth throughout the plant life cycle*		
30-10-10 + TE	28-14-14 + TE	25-10-10 + TE
20-5-10 + TE	21-7-7 + TE	
High Phosphorus Formulas — *Enhances root development and stimulates flowering*		
10-52-10 + TE	15-30-15 + TE	10-50-10 + TE
12-40-12 + TE	13-40-13 + TE	12-48-8 + TE
14-40-10 + TE		
High Potassium Formulas — *Improves fruit quality, uniformity, and maximizes yield*		
15-5-30 + TE	12-12-36 + TE	10-10-40 + TE
15-15-30 + TE	17-10-27 + TE	17-7-27 + TE
12-2-45 + TE	7-6-40 + TE	9-9-41 + TE
10-5-40 + TE	10-16-22 + TE	6-12-32 + TE
6-20-30 + TE	12-6-36 + TE	10-12-30 + TE
12-3-40 + TE	16-8-26 + TE	7-0-48 + TE
20-5-30 + TE		
High Phosphorus & Potassium Formulas — *Strengthens root systems, flowering, and fruit development*		
5-35-35 + TE	3-37-37 + TE	

WSP Application Directions

Crop	Application Rate	
	Fertigation Rate	Foliar Rate / 100 L Water
1. Greenhouse Vegetables	2.5–3.5 kg / 500 m²	200–300 g
2. Open Field Vegetables	15–40 kg/ha	200–300 g
3. Fruit Trees	100–200 g/tree	200–300 g
4. Field Crops	15–25 kg/ha	
5. Forages	15–25 kg/ha	
6. Ornamentals	20–25 kg/ha	100–150 g
7. Nurseries	100–150 g	


Paste NPK Fertilizers

Paste NPK Fertilizers

- Chemically mixed, 100% homogeneous paste for consistent nutrient delivery
- Low pH formulation to release soil-fixed elements and improve nutrient bioavailability
- Highly soluble — ideal for fertigation and foliar spray programs
- Contains EDTA-chelated micronutrients (Fe, Zn, Mn, Cu, B, Mo)
- Suitable for all crop types and irrigation systems

Paste Fertilizer Ranges

Balanced Formulas — *Sustains overall plant growth*		
20-20-20 + TE		
High Phosphorus — *Root development & flowering*		
20-50-10 + TE	18-44-0 + TE	12-61-0 + TE
High Potassium — *Fruit quality & increased yield*		
15-20-50 + TE	10-20-36 + TE	
High P & K — *Root, flower & fruit development*		
5-50-30 + TE	0-52-34 + TE	

Paste Fertilizer Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water
Greenhouse Vegetables	2.5–3.5 kg / 500 m²	200–300 g
Open Field Vegetables	15–40 kg/ha	200–300 g
Fruit Trees	100–200 g/tree	200–300 g
Field Crops	15–25 kg/ha	—
Forages	15–25 kg/ha	—
Ornamentals	20–25 kg/ha	100–150 g
Nurseries	—	100–150 g

Suspension NPK Fertilizers

- High nutrient concentration in a stable suspension medium
- Contains EDTA-chelated micronutrients (Fe, Zn, Mn, Cu, B, Mo)
- Suitable for all crops via fertigation and foliar spray
- Suspension technology ensures nutrients remain uniformly distributed, delivering consistent results across all application methods

Suspension Fertilizer Ranges

Balanced — *Overall plant growth support*		
20-20-20 + TE	27-27-27 + TE	
High Phosphorus — *Root growth & flowering*		
10-52-10 + TE	10-50-10 + TE	12-61-0 + TE
High Phosphorus & Potassium — *Enhances root development, flowering, and fruit growth*		
0-52-34 + TE		

Suspension Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water
Greenhouse Vegetables	2.5–3.5 kg / 500 m²	200–300 g
Open Field Vegetables	15–40 kg/ha	200–300 g
Fruit Trees	100–200 g/tree	200–300 g
Field Crops	15–25 kg/ha	—
Forages	15–25 kg/ha	—
Ornamentals	20–25 kg/ha	100–150 g
Nurseries	—	100–150 g

Specialty & Liquid Fertilizers

Specialty & Liquid Fertilizers

Our specialty liquid fertilizer range addresses targeted nutritional and physiological needs throughout the crop cycle. Each product is formulated with precision chemistry to solve specific agronomic challenges, from disease resistance to calcium deficiency management and post-stress recovery.

Phospho-Shield | 0-28-33

Component	Content (W/V)
Phosphorus P_2O_5	28%
Potassium K_2O	33%

- Highly concentrated phosphorus and potassium solution sourced predominantly from phosphite anion (H_2PO_3)
- Activates plant defense mechanisms against fungal and bacterial diseases, reinforcing stems, roots, and foliage
- Reduces pathogen damage and prevents rotting in high-humidity growing conditions
- Applicable via fertigation systems and foliar spraying across all crop types

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	5–7 L/ha	200–350 ml	During root system formation, flowering & fruit set
Greenhouse Vegetables	4–6 L/ha	200–300 ml	During root system formation, flowering & fruit set
Open Field Vegetables	5–7 L/ha	200–350 ml	During root system formation, flowering & fruit set
Nurseries	4–5 L/ha	100–150 ml	From 4th leaf stage onward
Flowers & Ornamentals	5–7 L/ha	200–350 ml	After transplanting and before flowering

Ultra P-K Liquid | 0-45-55

Component	Content (W/V)
Phosphorus P_2O_5	45%
Potassium K_2O	55%

- Premium liquid fertilizer with a very high concentration of phosphorus and potassium
- Supplies the plant with energy to resist and overcome stress caused by drought, climate variation, and disease pressure
- Promotes root system expansion, bud break, flower development, and fruit set
- Accelerates maturation and improves fruit quality at harvest

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	10–12 L/ha	150–200 ml	Before flowering & during fruit set and development
Greenhouse Vegetables	10–12 L/ha	150–200 ml	Before flowering & during fruit set and development
Open Field Vegetables	10–12 L/ha	150–200 ml	Before flowering & during fruit set and development
Ornamentals	8–10 L/ha	100–200 ml	During bud initiation and main flowering period

PhosMax Liquid | 5-75-3

Component	Content (W/V)
Nitrogen N	5%
Phosphorus P_2O_5	75%
Potassium K_2O	3%

- Pure liquid fertilizer with an exceptionally high phosphorus content
- Promotes strong root development and stimulates flowering response
- Aids in preventing blockages in irrigation pipes and nozzles
- Highly effective in alkaline soils; reduces pH to release immobilized nutrients and improve fertilizer efficiency

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	20–25 L/ha	150–200 ml	Multiple applications during flowering stage
Greenhouse Vegetables	20–25 L/ha	150–200 ml	Several applications during root growth & flowering
Open Field Vegetables	20–25 L/ha	150–200 ml	Several applications during root growth & flowering
Field Crops & Forages	20–25 L/ha	—	Several applications during first month of growth
Ornamentals	20–25 L/ha	100–200 ml	As required

KTS Potassium Thiosulfate | 0-0-36 + 25S

Component	Content (W/V)
Potassium K_2O	36%
Sulfur S	25%

- Clear liquid potassium thiosulfate fertilizer — a highly soluble, dual-nutrient source
- Reduces soil pH to release fixed micronutrients and improve their plant availability
- Enhances fruit quality, size uniformity, sugar content, and overall yield
- Not recommended for mixing with other fertilizers or pesticides

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Greenhouse Vegetables	1.5–3 L / 500 m²	150–250 ml	During fruit development and ripening
Open Field Vegetables	20–25 L/ha	150–250 ml	During fruit development and ripening
Fruit Trees	20–25 L/ha	200–400 ml	During fruit development and ripening
Field Crops	3.5–5 L/ha	—	During heading stage
Ornamentals	10–15 L/ha	100–150 ml	As required

HumicBoost 15%

Component	Content (W/V)
Total Humic & Fulvic Acid	15%

- Improves soil structure, aeration, and chemical, physical, and biological properties
- Increases soil cation exchange capacity (CEC) for better nutrient retention
- Promotes beneficial microbial activity in the root zone
- Increases soil water-holding capacity and reduces irrigation needs
- Releases fixed soil elements and enhances their absorption by plant roots
- Improves the efficiency of applied soil fertilizers

Application Directions

Crop	Fertigation Rate	Application Timing
Fruit Trees	10–12 L/ha	Every 14 days throughout growth cycle
Greenhouse Vegetables	5–10 L/ha	Every 14 days throughout growth cycle
Open Field Vegetables	5–10 L/ha	Every 14 days throughout growth cycle
Field Crops & Forages	5–10 L/ha	Every 14 days throughout growth cycle
Ornamentals	5–10 L/ha	Every 14 days throughout growth cycle

BaraZone | Boron-Zinc Foliar Fertilizer

Component	Content (W/V)
Nitrogen N	8%
Zinc Zn	4%
Boron B	4%
Molybdenum Mo	0.1%
Organic Matter	24%
Amino Acids	7%

- Specially formulated for foliar application, delivering boron and zinc chelated on organic matter alongside amino acids and molybdenum
- Prevents and corrects boron, zinc, and molybdenum deficiencies effectively
- Stimulates bud break, flowering, fruit set, and development
- Improves fruit quality including weight, size, and color uniformity
- Recommended for application to fruit trees at end of season to replenish nutrient reserves for the following cycle

Application Directions:

Crop	Foliar Rate / 100 L Water	Application Timing
Greenhouse Vegetables	1.5–2.5 L/ha	Several applications at different growth stages
Open Field Vegetables	1.5–2.5 L/ha	Several applications at different growth stages
Fruit Trees	1.5–2.5 L/ha	Several applications at different growth stages
Field Crops	1.5–2.5 L/ha	Several applications at different growth stages
Ornamentals	0.5–1.0 L/ha	Several applications at different growth stages

SeaBoost | Seaweed-Based Bio-Stimulant

Component	Content (W/V)
Seaweed Extract	18%
Amino Acids	11%
Organic Matter	24%
Organic Nitrogen N	2.5%
Fe EDTA (ppm)	300
Zn, Mn, Cu EDTA each (ppm)	150
Boron B (ppm)	50

- Natural liquid bio-stimulant extracted from Ascophyllum nodosum seaweed, combined with amino acids, organic matter, and trace elements
- Supports plant development at all stages — from early root growth through fruit maturity — via natural phytohormones
- Increases yields and improves fruit quality and size
- Promotes root development and nutrient uptake efficiency
- Enhances flowering and crop setting
- Strengthens plant resistance against heat, cold, and drought stress

Application Directions:

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
All Crops (foliar)	—	1.5–2 L/ha	Multiple applications throughout the plant growth cycle

CaBoron | Calcium-Boron Liquid

Component	Content (W/V)
Nitrogen N	7%
Amino Acids	6%
Calcium CaO	10%
Zinc Zn	1%
Boron B	0.5%
Molybdenum Mo	0.02%
Organic Matter	20%

- High-concentration calcium and boron liquid fertilizer complexed with organic and carboxylic acids for superior absorption
- Calcium supply extends fruit storage life and prevents physiological disorders: bitter pit in apples, blossom end rot in tomatoes and peppers, tip burn in leafy crops
- Boron ensures adequate pollen production capacity and pollen grain viability
- Compatible with fertigation systems and foliar spray programs

Application Directions:

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	12–25 L/ha	300–600 ml	Before flowering & during fruiting stage
Greenhouse Vegetables	12–25 L/ha	250–500 ml	Before flowering & during fruiting stage
Open Field Vegetables	12–25 L/ha	300–600 ml	Before flowering & during fruiting stage
Nurseries	5–8 L/ha	150–300 ml	After 4th true leaf appearance
Flowers & Ornamentals	5–8 L/ha	150–300 ml	After transplanting and before flowering

CalBor Soluble Powder | Calcium-Boron 30+1

Component	Content (W/V)
Calcium CaO	30%
Boron B	1%
Amino Acids (Free-L form)	3%

- Soluble powder calcium-boron formulation enriched with carboxylic acids — free from nitrates, chloride, and sulfates
- Improves flowering and fruit set by stimulating pollen tube growth
- Reduces flower and fruit drop; mitigates frost damage on blooms
- Enhances fruit shape, quality, and post-harvest storage life by strengthening peel tissue
- Prevents and treats calcium-deficiency disorders: blossom end rot in tomatoes, bitter spot in apples, leafy crop leaf scorch

Application Directions:

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	5–10 kg/ha	300–500 g	Before flowering & during fruiting stage
Greenhouse Vegetables	5–10 kg/ha	200–400 g	Before flowering & during fruiting stage
Open Field Vegetables	5–10 kg/ha	300–500 g	Before flowering & during fruiting stage
Nurseries	2–3 kg/ha	150–250 g	After 4th true leaf appearance
Flowers & Ornamentals	2–3 kg/ha	150–250 g	After transplanting and before flowering

CalBor Plus Soluble Powder | Calcium-Boron 20+5

Component	Content (W/V)
Calcium CaO	20%
Boron B	5%
Amino Acids (Free-L form)	5%

- Enhanced-boron formulation of the CalBor soluble powder series, delivering a higher boron concentration for crops with elevated boron requirements
- Carboxylic acid-enriched formula, free from nitrates, chloride, and sulfates
- All the same crop physiology and quality benefits as CalBor, with superior boron supply for flowering and pollen viability

Application Directions:

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	5–10 kg/ha	300–500 g	Before flowering & during fruiting stage
Greenhouse Vegetables	5–10 kg/ha	200–400 g	Before flowering & during fruiting stage
Open Field Vegetables	5–10 kg/ha	300–500 g	Before flowering & during fruiting stage
Nurseries	2–3 kg/ha	150–250 g	After 4th true leaf appearance
Flowers & Ornamentals	2–3 kg/ha	150–250 g	After transplanting and before flowering

CalMag Liquid | Calcium-Magnesium-Nitrogen

Component	Content (W/V)
Nitrogen N	12%
Calcium CaO	15%
Magnesium MgO	5%

- Pure, fully water-soluble liquid delivering high concentrations of calcium, magnesium, and nitrogen in a single application
- Highly effective at preventing and correcting calcium and magnesium deficiency disorders, including apple bitter pit, tomato and pepper blossom end rot, and leafy crop tip burn
- Enhances plant resilience to heat, drought, and environmental stress conditions
- Improves fruit quality, firmness, and marketability

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Open Field Vegetables	15–30 L/ha	200–500 ml	During vegetative growth & fruit development
Greenhouse Vegetables	15–30 L/ha	200–300 ml	During vegetative growth & fruit development
Fruit Trees	15–30 L/ha	200–500 ml	During vegetative growth & fruit development
Field Crops	5–10 L/ha	—	Throughout plant growth cycle
Nurseries	—	150–250 ml/100 L	From the beginning of growth
Ornamentals	10–15 L/ha	150–250 ml	During growth period

CalMag Gel | Calcium-Magnesium Micronutrient Complex

Component	Content (W/V)
Nitrogen N	15%
Calcium CaO	22.5%
Magnesium MgO	3%
Boron B (ppm)	750
Cu EDTA (ppm)	600
Fe EDTA (ppm)	750
Mn EDTA (ppm)	1500
Zn EDTA (ppm)	300
Molybdenum Mo (ppm)	15

- Concentrated gel-form calcium-magnesium fertilizer enriched with a full micronutrient package, completely water soluble
- Applied to all fruit and vegetable crops to improve fruit firmness, storage life, color, and skin quality
- Ideal for managing quality issues associated with calcium deficiency: blossom end rot, bitter pit, tip burn, die-back, and soft fruit
- Chloride-free, plant-safe formulation — will not cause leaf burn when applied correctly

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	8–15 L/ha	350–500 ml	Throughout the growing cycle
Greenhouse Vegetables	5–12.5 L/ha	350–500 ml	Throughout the growing cycle
Open Field Vegetables	5–12.5 L/ha	350–500 ml	Throughout the growing cycle
Nurseries	5 L/ha	150–300 ml	Throughout the propagation period
Flowers & Ornamentals	4–8 L/ha	150–200 ml	Throughout the growing cycle

ChitoGrow | Chitosan Nitrogen Liquid

Component	Content (W/V)
Nitrogen N	20%
Phosphorus P_2O_5	5%
Organic Matter	8%

- High-nitrogen liquid fertilizer fortified with chitosan — a natural biopolymer derived from chitin — to boost vegetative growth while providing plant protection benefits
- Chitosan increases plant resistance against fungal, bacterial, and viral pathogens
- Stimulates early seed germination and root development
- Enhances the plant's ability to absorb and utilize soil nutrients
- Improves crop resilience against temperature extremes and environmental stress
- Increases both yield quantity and overall quality

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	5–10 L/ha	300–500 ml	Multiple applications throughout growth cycle
Vegetables (Greenhouse & Open Field)	5–10 L/ha	300–500 ml	Multiple applications throughout growth cycle
Flowers & Ornamentals	5–10 L/ha	300–500 ml	Multiple applications throughout growth cycle

SiliGuard | Potassium-Silicon Liquid

Component	Content (W/V)
Potassium K_2O	20%
Silicon SiO_2	30%

- Dual-action liquid fertilizer combining potassium and silicon to strengthen plant structure and enhance crop performance under stress
- Improves fruit hardness, taste, and shelf life, especially in challenging growing conditions
- Enhances pollination efficiency and pollen fertility, supporting improved fruit set
- Strengthens plant cell walls and increases resistance to pest and disease pressure
- Improves photosynthetic efficiency and raises Brix levels in all crops

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	8–10 L/ha	150–300 ml	Vegetative growth, pre-flowering & fruit growth at 10–14 day intervals
Greenhouse Vegetables	4–6 L/ha	150–300 ml	Vegetative growth, pre-flowering & fruit growth at 10–14 day intervals
Open Field Vegetables	4–6 L/ha	150–300 ml	Vegetative growth, pre-flowering & fruit growth at 10–14 day intervals
Flowers & Ornamentals	3–5 L/ha	100–200 ml	During bud initiation and main flowering period at 10–14 day intervals

K50 Potassium Liquid

Component	Content (W/V)
Nitrogen N	3%
Potassium K_2O	50%

- Highly concentrated, clear liquid solution providing a safe and reliable high-potassium source
- Improves the plant's tolerance to environmental and physiological stress
- Enhances fruit size, color development, and market quality
- Increases plant resistance to low temperatures and frost conditions
- Creates an unfavorable leaf surface environment for common foliar pathogens such as powdery mildew

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	10–20 L/ha	200–400 ml	After fruit set, during formation, every 10–14 days
Greenhouse Vegetables	10–20 L/ha	200–400 ml	After fruit set, during formation, every 10–14 days
Open Field Vegetables	10–20 L/ha	200–400 ml	After fruit set, during formation, every 10–14 days
Nurseries	3–5 L/ha	50–150 ml	From 4th leaf stage onward
Flowers & Ornamentals	4–6 L/ha	150–300 ml	3–4 applications at 10–14 day intervals during budding & flowering

NitroCal | Calcium-Nitrogen Liquid

Component	Content (W/V)
Nitrogen N	10%
Calcium CaO	14%

- Pure, fully water-soluble liquid with high concentrations of calcium and nitrogen
- Highly effective at preventing and correcting calcium-deficiency disorders including apple bitter pit, tomato and pepper blossom end rot, and leafy crop tip burn
- Strengthens plant resistance to environmental stress
- Improves fruit quality and commercial value
- Calcium plays a key role in moderating soil salinity levels

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Open Field Vegetables	15–30 L/ha	200–500 ml	During vegetative growth & fruit development
Greenhouse Vegetables	15–30 L/ha	200–300 ml	During vegetative growth & fruit development
Fruit Trees	15–30 L/ha	200–500 ml	During vegetative growth & fruit development
Field Crops	5–10 L/ha	—	Throughout plant growth cycle
Nurseries	—	150–250 ml/100 L	From the beginning of growth
Ornamentals	10–15 L/ha	150–250 ml	During growth period

PeptiBoost | Vegetal Amino Acid & Peptide Biostimulant

Component	Content (W/V)
Organic Carbon	23%
Organic Nitrogen N	6%
Amino Acids & Peptides	37.5%

- 100% vegetal-derived liquid amino acid and peptide biostimulant specifically formulated for foliar application
- Rapidly absorbed by leaf tissue and translocated throughout the plant within hours of application
- Increases plant tolerance to heat, cold, drought, and light-stress conditions
- Supports plant growth across all development stages, increasing fruit size and sugar content
- Ideal complement to conventional fertilizer programs — amino acids enhance photosynthesis and key physiological processes

Application Directions

Crop	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	2–5 L/ha	Throughout the plant life cycle
Vegetables (Greenhouse & Open Field)	2–5 L/ha	After transplanting and during the plant life cycle
Nurseries	2–5 L/ha	From 4th true leaf appearance
Flowers & Ornamentals	2–5 L/ha	After transplanting and during the plant life cycle

Phosfo Cal | Phosphorus-Calcium Biostimulant Liquid

Component	Content (W/V)
Nitrogen N	4.5%
Phosphorus P_2O_5	25%
Calcium CaO	5%
Magnesium MgO	1%
Boron B	0.1%
Amino Acids	5%

- Unique liquid fertilizer combining phosphorus, calcium, magnesium, and boron with vegetal amino acids to maximize nutrient uptake and agronomic results
- Provides a conflict-free source of phosphorus and calcium together in a single, stable solution
- Promotes root formation and establishment-stage plant development in fields and nurseries
- Improves flowering response and fruit set efficiency

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	12–25 L/ha	200–400 ml	Before flowering & during fruiting stage
Greenhouse Vegetables		150–250 ml	After transplanting, before flowering & during fruiting
Open Field Vegetables	12–25 L/ha	200–400 ml	Before flowering & during fruiting stage
Nurseries	8 L/ha	100–200 ml	After 3rd true leaf appearance
Flowers & Ornamentals	12–25 L/ha	150–200 ml	After transplanting and before flowering

FosphiK | Phosphite-Potassium Liquid

Component	Content (W/V)
Phosphorus P_2O_5	58%
Potassium K_2O	28%

- Highly concentrated phosphorus-potassium solution based on phosphite anion (H_2PO_3) technology
- Activates the plant's own defense system against fungal and bacterial diseases, strengthening stems, roots, and leaf tissue
- Reduces damage caused by plant pathogens and prevents rot in humid growing conditions

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees	5–7 L/ha	200–350 ml	During root system formation, flowering & fruit set
Greenhouse Vegetables	4–6 L/ha	200–300 ml	During root system formation, flowering & fruit set
Open Field Vegetables	5–7 L/ha	200–350 ml	During root system formation, flowering & fruit set
Nurseries	4–5 L/ha	150–200 ml	From 4th leaf stage onward
Flowers & Ornamentals	5–7 L/ha	200–350 ml	After transplanting and before flowering

StartUP | 6-36-18 + TE | Root Establishment Liquid

Component	Content (W/V)
Nitrogen N	6%
Phosphorus P_2O_5	36%
Potassium K_2O	18%

- Clear, high-concentration NPK liquid fertilizer specifically designed to support plant establishment, promote root growth, and stimulate flowering and fruit set
- Ammonium-form nitrogen provides a distinct advantage in cold seasons and under stress conditions
- Neutral pH formulation maximizes foliar absorption efficiency
- Low EC formula; free from chloride and sodium — safe for sensitive crops

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees	15–20 L/ha	200–400 ml	During root system formation, flowering & fruit set
Greenhouse Vegetables	10–20 L/ha	200–300 ml	During root system formation, flowering & fruit set
Open Field Vegetables	15–20 L/ha	200–400 ml	During root system formation, flowering & fruit set
Nurseries	4–6 L/ha	150–200 ml	From 4th leaf stage onward
Flowers & Ornamentals	5–7 L/ha	200–350 ml	After transplanting and before flowering

SaltBreaker | Salinity Management Liquid

Component	Content (W/V)
Total Nitrogen N	8.5%
Calcium CaO	12%
Organic Matter	20%
Amino Acids	5%

- Specialized liquid calcium fertilizer complexed with organic materials and amino acids, designed to counteract soil salinity
- Reduces the harmful effects of excess salts, improving plant establishment and growth in saline conditions
- Increases crop yields by improving soil structure and providing essential nutrients
- Enhances soil aeration and water permeability for better root zone conditions
- Reduces environmental stress on plants, increasing resilience to diseases and pests
- Calcium supply improves fruit storability and prevents physiological disorders

Application Directions

Crop	Fertigation Rate	Foliar Rate / 100 L Water	Application Timing
Fruit Trees, Citrus, Grape, Olive, Stone Fruits	15–20 L/ha	—	At planting, then 2–3 times during plant life cycle
Vegetables (Open Field & Greenhouse)	15–20 L/ha	—	At planting, then 2–3 times during plant life cycle
Ornamentals	15–20 L/ha	—	At planting, then 2–3 times during plant life cycle

ENMATECH GLOBAL

GLOBAL PARTNER IN AGRICULTURE

Crop Protection

Efficient Irrigation

Seed Solutions

Sustainable Practices

Contact

info@enmatechglobal.com
www.enmatechglobal.com

Together For A Sustainable World