PYRAS

Advanced Agricultural Solution

STRONGER CROPS. HIGHER YIELDS.

Premium fertilizers crafted to enhance plant health, improve productivity, maximize crop quality.

Why Choose PYRAS Fertilizers

Enhanced Crop Performance: Supports vigorous plant growth, stronger plant structure, and consistent crop development throughout all growth stages.

Efficient Nutrient Absorption: Highly available nutrients enable rapid uptake, delivering fast and visible field results.

Balanced Nutrition Supply: Provides a complete balance of essential macro and micronutrients for healthy, uniform crop growth.

Stress Resistance & Crop Stability: Helps crops tolerate environmental stress conditions while maintaining productivity and plant health.

Improved Yield & Crop Quality: Promotes higher yields, improved fruit size, better uniformity, and greater market value.

Stronger Root & Plant Development: Enhances root strength, nutrient uptake efficiency, and overall plant vitality for healthier crops.

Reliable Performance Across Crops: Suitable for vegetables, fruit crops, and field crops across diverse farming systems and growing conditions.

ADVANCED NUTRITION
Formulated to support stronger plants, healthier growth, and higher yields.

PREMIUM QUALITY
High-purity formulations delivering consistent and reliable performance.

GLOBAL REACH
Trusted supply solutions serving international agricultural markets.

TRUSTED BY GROWERS
Supporting farmers with proven crop nutrition solutions that deliver results.

GET A QUOTE

www.pyras.co | info@pyras.co | +1 407-426-4206



The purest calcium Nitrate in the world

Chemical Properties

- Nitrogen (N) 15.5 %
- Calcium (Ca) 26 %

Usage Rate

- Vegetable crops (Foliar Spray): 1.5 kg (3.31 lb) per 600 liters (158.5 gallons) of water per acre
- Vegetable crops (irrigation): 3 kg (6.61 lb) per acre
- Field crops (Foliar Spray): 2 kg (4.41 lb) per 600 liters (158.5 gallons) of water per acre
- Field crops (irrigation): 4 kg (8.82 lb) per acre
- Fruit crops (Foliar Spray): 2.5 kg (5.51 lb) per 600 liters (158.5 gallons) of water per acre
- Fruit crops (irrigation): 5 kg (11.02 lb) per acre

Powerful Benefits of Using Calcium Nitrate (Nitrocal)

- **Extended Shelf Life:** Improves fruit firmness and post-harvest durability, reducing losses and increasing market value.
- **Stronger Plant Structure:** Reinforces cell walls, enhancing crop resilience to environmental stress and ensuring consistent performance.
- **Reliable Calcium Supply:** Delivers readily available calcium to prevent deficiencies and support uniform, healthy growth.
- **Improved Flower Retention:** Minimizes flower drop and premature fruit loss, ensuring better crop retention.
- **Larger, Marketable Fruits:** Promotes increased fruit size and uniformity, boosting yield quality and commercial appeal.
- **Enhanced Plant Development:** Supports cell division and elongation for stronger, more vigorous crops.
- **Higher Yield Potential:** Improves pollination and fertilization efficiency, resulting in better fruit set and productivity.

Origin: Egypt
Size: 25 lb



The purest calcium Nitrate in the world

Chemical Properties

- Nitrogen (N) 11 %
- Calcium (Ca) 19 %
- Boron (B) 1.5 %
- Magnesium (Mg) 1.5 %
- Zinc (Zn) 1 %
- Chitosan $(C_6H_{11}NO_4)_n$ 0.50 %
- Molybdenum (Mo) 0.01 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1 liter (0.26 gallons) per acre
- Vegetable Crops (Irrigation): 1 liter (0.26 gallons) per acre
- Field Crops (Foliar Spray): 1 liter (0.26 gallons) per acre
- Field Crops (Irrigation): 1 liter (0.26 gallons) per acre
- Fruit Crops (Foliar Spray): 1 liter (0.26 gallons) per acre
- Fruit Crops (Irrigation): 1 liter (0.26 gallons) per acre

Powerful Benefits of Using liquid Calcium Nitrate (Nitrocal)

- **Extended Fruit Shelf Life:** Improves fruit firmness and post-harvest durability, reducing losses and increasing market value.
- **Stronger Plant Structure:** Enhances cell wall strength, helping crops withstand environmental stress and improving overall crop reliability.
- **Efficient Calcium Delivery:** Provides readily available calcium to prevent deficiencies and support consistent, uniform crop development.
- **Improved Flower Retention & Fruit Set:** Reduces flower drop and premature fruit loss, ensuring higher retention and better yield consistency.
- **Enhanced Fruit Size & Quality:** Promotes larger, more uniform fruits with improved appearance, ideal for commercial markets.
- **Optimized Plant Growth:** Supports cell division and elongation for stronger plants and better field performance.
- **Higher Yield Potential:** Improves pollination and fertilization efficiency, leading to increased productivity per acre.

Origin: Egypt
Available Sizes: 5L, 20L



Perfect Balance. Strong Growth. Maximum Yield

Chemical Properties

- Nitrogen (N) 19 %
- Phosphorus (P_2O_5): 19 %
- Potassium (K_2O): 19 %
- Magnesium (MgO): 2 %
- Trace Elements (TE): 4 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1.5 kg (3.31 lb) per acre
- Vegetable Crops (Irrigation): 3 kg (6.61 lb) per acre
- Field Crops (Foliar Spray): 2 kg (4.41 lb) per acre
- Field Crops (Irrigation): 4 kg (8.82 lb) per acre
- Fruit Crops (Foliar Spray): 2.5 kg (5.51 lb) per acre
- Fruit Crops (Irrigation): 5 kg (11.02 lb) per acre

Powerful Benefits (19-19-19)

- **Wide Crop Compatibility:** Suitable for vegetables, fruit crops, and ornamentals, easy to position across multiple market segments.
- **Balanced Nutrition (19-19-19):** Provides equal nitrogen, phosphorus, and potassium for uniform plant development and consistent results.
- **Enhanced Vegetative Growth:** Promotes strong leaf development, vibrant color, and robust plant structure.
- **Improved Flowering & Yield:** Supports higher flowering rates and better fruit set, increasing overall productivity.
- **Low Salinity Formula:** Gentle on soil and roots, making it ideal for regular use without negatively impacting soil balance.
- **Enriched with Mg & Trace Elements:** Supplies essential secondary and micronutrients for improved plant health and nutrient efficiency.
- **Fast Absorption & Quick Response:** Highly soluble formula ensures rapid uptake and visible results, key for grower satisfaction and repeat demand.

Origin: Egypt
Size: 25 lb



High Potassium for Bigger Fruits, Better Quality, and Higher Returns

Chemical Properties

- Nitrogen (N) 6 %
- Phosphorus (P_2O_5): 0 %
- Potassium (K_2O): 46 %
- Magnesium (MgO): 2 %
- Trace Elements (TE): 4 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1.5 kg (3.31 lb) per acre
- Vegetable Crops (Irrigation): 3 kg (6.61 lb) per acre
- Field Crops (Foliar Spray): 2 kg (4.41 lb) per acre
- Field Crops (Irrigation): 4 kg (8.82 lb) per acre
- Fruit Crops (Foliar Spray): 2.5 kg (5.51 lb) per acre
- Fruit Crops (Irrigation): 5 kg (11.02 lb) per acre

Powerful Benefits NPK (6-0-46)

- **Optimized for Flowering & Fruiting:** High potassium formula designed to support flowering, fruit development, and crop finishing stages.
- **Improved Fruit Size & Quality:** Enhances fruit enlargement, color, firmness, and overall market quality.
- **Higher Flowering Performance:** Promotes increased flowering rates and better fruit set, improving yield potential.
- **Low Salinity Formula:** Safe for crops and soil, ensuring consistent use without salinity stress.
- **Enhanced Nutrient Uptake:** Improves absorption efficiency, allowing plants to utilize nutrients more effectively.
- **High Potassium Efficiency:** Supports sugar transport, water regulation, and stress tolerance, critical for high-value crops.
- **Fast Plant Response:** Highly soluble formulation ensures quick uptake and visible results, driving grower satisfaction.

Origin: Egypt
Size: 25 lb



Advanced Balanced Suspension for Superior Growth

Chemical Properties

- Nitrogen (N) 16 %
- Phosphorus (P_2O_5): 16 %
- Potassium (K_2O): 16 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1.5 kg (3.31 lb) per acre
- Vegetable Crops (Irrigation): 3 kg (6.61 lb) per acre
- Field Crops (Foliar Spray): 2 kg (4.41 lb) per acre
- Field Crops (Irrigation): 4 kg (8.82 lb) per acre
- Fruit Crops (Foliar Spray): 2.5 kg (5.51 lb) per acre
- Fruit Crops (Irrigation): 5 kg (11.02 lb) per acre

Powerful Benefits of Using Billa Fort Balanced Suspension (16-16-16)

- **Wide Crop Compatibility:** Suitable for vegetables, fruit crops, and ornamentals, easy to market across multiple segments.
- **Balanced NPK Formula (16-16-16):** Provides equal nitrogen, phosphorus, and potassium for uniform growth and reliable performance.
- **Strong Vegetative Growth:** Promotes healthy foliage, vibrant color, and robust plant structure.
- **Improved Flowering & Yield:** Supports better flowering and fruit set, contributing to higher productivity.
- **Low Salinity Formula:** Safe on crops and soil, allowing regular application without negative impact on soil balance.
- **Complete Nutrition (Macro & Micro Elements):** Delivers essential nutrients for optimal plant health and improved nutrient efficiency.
- **Fast Absorption & Quick Response:** Suspension technology ensures efficient uptake and rapid visible results.

Origin: Egypt
Size: 25 lb



High Phosphorus for Strong Beginnings

Chemical Properties

- Nitrogen (N) 15 %
- Phosphorus (P_2O_5): 40 %
- Potassium (K_2O): 5 %
- Trace Elements (TE): 4 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1–2 kg (2.20–4.41 lb) per 400 L (105.7 gal) of water per acre
- Vegetable Crops (Irrigation): 1–2 kg (2.20–4.41 lb) per acre
- Field Crops (Foliar Spray): 1–2 kg (2.20–4.41 lb) per 400 L (105.7 gal) of water per acre
- Field Crops (Irrigation): 1–2 kg (2.20–4.41 lb) per acre
- Fruit Crops (Foliar Spray): 2–3 kg (4.41–6.61 lb) per 400 L (105.7 gal) of water per acre
- Fruit Crops (Irrigation): 2–3 kg (4.41–6.61 lb) per acre

Powerful Benefits of Using Billa Fort NPK (15-40-5 + TE)

- **High Phosphorus Formula (15-40-5):** Designed for early growth stages, promoting strong root development and improved crop establishment.
- **Enhanced Root Development:** Supports robust root systems, improving nutrient uptake and overall plant strength.
- **Improved Flowering & Fruit Set:** Encourages higher flowering rates and better fruit initiation, increasing yield potential.
- **Boosted Nutrient Absorption:** Enhances the plant's ability to absorb and utilize nutrients efficiently.
- **Balanced Growth Support:** Provides adequate nitrogen and potassium to maintain healthy plant development alongside root and flowering benefits.
- **Low Salinity Formula:** Safe for soil and crops, allowing consistent application without stress or imbalance.
- **Fast Plant Response:** Highly soluble formulation ensures quick uptake and visible results.

Origin: Egypt
Size: 25 lb



High Phosphorus for Strong Beginnings

Chemical Properties

- Nitrogen (N) 10 %
- Phosphorus (P_2O_5): 52 %
- Potassium (K_2O): 10 %
- Magnesium (Mg): 3 %
- Zinc (Zn): 3 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1.5 kg (3.31 lb) per acre
- Vegetable Crops (Irrigation): 3 kg (6.61 lb) per acre
- Field Crops (Foliar Spray): 2 kg (4.41 lb) per acre
- Field Crops (Irrigation): 4 kg (8.82 lb) per acre
- Fruit Crops (Foliar Spray): 2.5 kg (5.51 lb) per acre
- Fruit Crops (Irrigation): 5 kg (11.02 lb) per acre

Powerful Benefits of Using Billa Fort NPK (10-52-10)

- **High Phosphorus Formula (15-40-5):** Designed for early growth stages, promoting strong root development and improved crop establishment.
- **Enhanced Flower Formation:** Encourages higher flowering rates, improving crop potential in vegetables and fruit crops.
- **Improved Root Development:** Supports strong, healthy root systems for better nutrient uptake and plant stability.
- **Boosted Tuber & Grain Development:** Enhances tuber formation and supports grain filling, leading to improved yield and quality.
- **Efficient Nutrient Uptake:** Advanced formulation improves absorption efficiency, maximizing fertilizer performance..
- **Versatile Application:** Suitable for a wide range of crops and adaptable to different irrigation and farming systems.
- **Low Acidity Formula:** Ensures better nutrient availability and safe application without negatively affecting soil balance.

Origin: Egypt
Size: 25 lb



Fix Salinity. Restore Productivity. Reclaim Your Soil

Chemical Properties

- Calcium (Ca): 19 %
- Sulfur (S): 8.5 %
- Carboxylic Acids: 15 %
- Polysaccharides: 7.5 %
- Organic Acids: 5 %
- Auxinates: 0.5 %
- Nitrogen (N): 1 %

Usage Rate

- Sandy Soil Improvement: 1–2 liters (0.26–0.53 gallons) per acre
- Salinity & Sodium Treatment (Flood Irrigation): 2–3 liters (0.53–0.79 gallons) per acre
- Loamy Soil Improvement: 3–4 liters (0.79–1.06 gallons) per acre
- Calcium Deficiency Treatment: 1–2 liters (0.26–0.53 gallons) per acre
- Clay Soil Improvement: 0–1 liter (0–0.26 gallons) per acre
- Irrigation Water Salinity Treatment: 10–40 cc (0.34–1.35 fl oz) per 1 m^3 (264 gallons) of water

Powerful Benefits of Using Billa Remo Salt

- **Salinity Control Solution:** Replaces sodium with calcium, improving soil structure, permeability, and aeration.
- **Soil Health Improvement:** Enriched with organic and carboxylic acids to enhance soil activity and fertility.
- **Enhanced Root Environment:** Reduces osmotic stress, allowing roots to absorb water and nutrients more efficiently.
- **Improved Nutrient Availability:** Increases nutrient uptake efficiency, supporting healthier and more productive crops.
- **Supports Microbial Activity:** Promotes beneficial soil microorganisms for a more active and fertile soil ecosystem.
- **Calcium Enrichment:** Provides a reliable calcium source to strengthen plant growth and development.

Origin: Egypt
Available Sizes: 5L, 20L



Stronger Turf for Smoother Play, From Tee to Green

Chemical Properties

- Nitrogen (N) 20 %
- Calcium (Ca) 10 %
- Magnesium (Mg) 5 %
- Phosphorus (P_2O_5): 2.5 %
- Potassium (K_2O): 2.5 %

Usage Rate

- Vegetable Crops (Foliar Spray): 1–2 liters (0.26–0.53 gallons) per 400 L (105.7 gallons) of water per acre
- Vegetable Crops (Irrigation): 1–2 liters (0.26–0.53 gallons) per acre
- Field Crops (Foliar Spray): 1–2 liters (0.26–0.53 gallons) per 400 L (105.7 gallons) of water per acre
- Field Crops (Irrigation): 1–2 liters (0.26–0.53 gallons) per acre
- Fruit Crops (Foliar Spray): 2–3 liters (0.53–0.79 gallons) per 400 L (105.7 gallons) of water per acre
- Fruit Crops (Irrigation): 2–3 liters (0.53–0.79 gallons) per acre

Powerful Benefits of Using Billa Magneto

- **Enhanced Vegetative Growth:** Promotes lush, green foliage and strong plant development.
- **Stronger Plant Structure:** Calcium and magnesium improve plant strength and durability.
- **Improved Stress Resistance:** Helps crops tolerate environmental stress and maintain performance.
- **Balanced Nutrition Support:** Provides essential macro and secondary nutrients for consistent growth.
- **Better Crop Appearance & Quality:** Enhances leaf color, vigor, and overall plant health.
- **Versatile Use:** Suitable for vegetables, fruit crops, and field applications.

Origin: Egypt
Available Sizes: 5L, 20L

PYRAS

Advanced Agricultural Solution

THANK YOU

We are committed to delivering high-quality fertilizers that empower farmers, enhance crop productivity, and support a healthier, more sustainable future.

STRONGER CROPS.
GREATER YIELDS.

Together, let's grow beyond expectations.
Together, we grow the future.

THANK YOU!

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Formulated to support stronger plants, healthier growth, and higher yields.

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