



*Vigorous growth, and
optimum yield for all crops*

Vigro

Vigro series are organic-based and organic fluid fertilizers for vigour growth and for optimum yield and quality of all crops.

Vigro fertilizers provide plant with macronutrients, chelated micronutrients, beneficial elements and various organic supplements (organic acids, amino acids, carboxylic, fulvic and humic acids).

Vigro fertilizers create optimum conditions for plant absorption, redistribution and utilization of nutrients. Vigro fertilizers support the plant through the growing season and under stressful environment

Gizatec is a fertilizer research and development organization with international focus on environment and human health. Gizatec develops and produces eco-friendly solutions, technologies and fertilizers to maximize the efficacy of plant nutrition. These fertilizers serve both plant and soil, and ensures to optimize yield, enhance quality, and improve soil fertility.



gizatec

الجيزة لتصنيع المخصبات (جيزة تك)
Giza Fertilizers Manufacturing co.

Vigro Nitrogen ▶

Vigro
28-0-0

Description :

Fluid nitrogen fertilizer and supplements

Minimum Guaranteed Analysis: (w/v)

(density 1.28 gm/cm³) :

other additions : plant extracts and fulvic acids

Features and Benefits :

- Suitable for all crops at all stages of growth
- Get absorbed very fast by plant.
- activate absorption of P and K
- Optimizes plant growth and crop production.
- Easy to handle and use.
- Safe fertilizer for different plants.

Nitrogen	28% N
NH ₂ - N	14%
NO ₃ - N	7%
NH ₄ - N	7%

Application Directions :

- Application rate depends on crop and stage of growth. generally for fertigation the rate of application is 2L /acer for each application.
- Apply at any time if nitrogen deficiency is identified For foliar application; apply after (1:300) dilution rate.



Giza PK plus ▶

Vigro
0-11-17

Description :

Fluid phosphorus and potassium fertilizer and supplement

Minimum Guaranteed Analysis : (w/v)

(density 1.20 - 1.28 gm/cm³) :

Phosphorus	11% P ₂ O ₅
Potassium	17% K ₂ O
Sulphur	0.5% S

Features and Benefits :

- Increase nutrients availability for plants .
- Vigourously initiate flowering and fruit set and homogenously improves fruit size and colour and hastens maturity.
- Optimizes crop quality, increases yield and prolongs shelf life.
- Improve plant tolerance to drought, salinity and alkalinity and stressfull environmental conditions .
- Easy for plant uptake and redistribution within the plant.
- Ensures phosphorus availability in saline, alkaline and calcareous soils and all soil types including acid soils .
- Easy to use and save fertilizer for different plants.

Application Directions :

- General application program (per acre) is:
 - for fertigation; 2 L per week in vegetative growth and beginning of flowering,
 - 3 L per week in fruit set, fruiting and maturity.
- for foliar spray; 1 L every 10 days at (1: 350) dilution rate.
- Apply at any time if potassium or phosphorus deficiency is identified



Vigro Calcium ▶

Vigro
9-0-0+15 CaO

Description :

Fluid chelated calcium fertilizer and supplements.

Minimum Guaranteed Analysis: (w/v)

(Sp.Gr 1.32 g/cm³)

Features and Benefits :

- Increases plant tolerance to environmental conditions
- improves the structure of salt-affected soils
- Optimizes crop quality, and prolongs shelf life
- Easy to be absorbed through plant roots or leaves
- Provides instant plant response during hard weather conditions
- strengthen cell wall and plant stem
- Provides plants with readily available Ca in all soil types
- best plant absorption, redistribution and utilization

Application Directions :

- Application rate depends on crop and stage of growth.
- Generally for fertigation; 2 L /acre per irrigation.
- For foliar application; apply after (1:600) dilution rate.
- Apply at any time if calcium deficiency is identified

Nitrogen (NO ₃ - N)	9%
Calcium (CaO)	15%
	Ca- fulvate



Vigro Magnesium ▶

Vigro
6 % MgO

Description :

Fluid chelated Magnesium fertilizer and supplements .

Minimum Guaranteed Analysis : (w/v)

(density 1.35 gm/cm³)

Nitrogen (NO₃ -N)

5 %

Magnesium (MgO)

6 %

Mg - fulvate

Features and Benefits :

- Provide plants with its required Mg in all soil types
- Improves plant growth in salt affected soils
- Build up chlorophyll and carbohydrates and activate enzyme function
- Increases plant immunity and delays aging

Application Directions :

- Application rate depends on crop and stage of growth.
- Generally for fertigation; 1 L /acre per irrigation.
- For foliar application; apply after (1:600) dilution rate.
- Apply at any time if Magnesium deficiency is identified



Giza Fertile ▶

Vigro
micronutrients

Description :

Fluid chelated micronutrients fertilizer and supplements

Minimum Guaranteed Analysis: (w/v)

(density 1.3 gm / cm³)

Chelating Supplements: Fulvic and plant extracts.

Features and Benefits :

- Provides plant with complete needs of micronutrients.
- Optimizes crop quality, and prolongs shelf life.
- Hastens maturity and increases yield.
- Balances hormonal system, increases plant immunity.
- Easy to use and save fertilizer for different plants.

Application Directions :

- Stir up (agitate) well before using.
- Application rate is 1L per acre at (1: 500) dilution rate.
- General application program is once before flowering and 2-3 times during flowering / fruit setting.
- Apply at any time if micronutrients deficiency is identified

Iron	2.7 % Fe
Zinc	1.3 % Zn
Manganese	1.7 % Mn
Copper	0.2 % Cu



Vigro Iron ▶

Vigro
7% Fe

Description :

Fluid chelated iron fertilizer and supplement

Minimum Guaranteed Analysis : (w/v)

(density 1.20 - 1.28 gm/cm³)

Iron (chelated)

7% Fe

Fe - fulvate

Features and Benefits :

- Optimizes crop quality and prolongs its shelf life
- Provides plant with active and mobile iron.
- Increases nutrients availability for plant absorption.
- Regulates growth and activates enzyme reactions.
Helps in chlorophyll formation and protein building up.
- Ensures Iron availability in all soil types.
- Easy to use and save fertilizer for different plants

Application Directions :

- Application rate is 1L per acre at (1: 500) dilution rate for foliar application and 2L per acre for fertigation.
- General application program is once before flowering and 2-3 times during flowering / fruit setting
- Apply at any time if Iron deficiency is identified



Vigro Manganese ▶

Vigro
8 % Mn

Description :

Fluid chelated manganese fertilizer and supplement

Minimum Guaranteed Analysis: (w/v)

(density 1.19 - 1.25 gm/cm³)

Manganese (chelated)

8% Mn

Mn - Fulvate

Features and Benefits :

- Speeds germination and maturity, optimizes crop quality, and prolongs shelf life.
- Provides plant with readily-available manganese.
- Increases nutrients availability for plant absorption.
- Regulates chemical reactions, regulates respiration, works as a part of the enzyme system and activate carbohydrate formation.
- Ensures Manganese availability in salt-affected soils, acids soils and all soil types .
- Easy to use and save fertilizer for different plants.

Application Directions :

- Application rate is 0.75 L per acre at (1: 500) dilution rate for foliar application and 1.5 L per acre for fertigation.
- General application program is once before flowering and 2-3 times during flowering / fruit setting
- Apply at any time if manganese deficiency is identified



Vigro Zinc ▶

Vigro
7.5 % Zn

Description :

Fluid chelated zinc fertilizer and supplements .

Minimum Guaranteed Analysis : (w/v)

(density 1.22 - 1.26 gm/cm³) :

Zinc (chelated)

7.5% Zn

Zn - fulvate

Features and Benefits :

- Provides plant with zinc and ensures its mobility, and increases nutrients availability
- Optimizes crop quality, and prolongs shelf life
- Activates enzymes and growth regulators, and help in building amino acids
- Helps in formation of carbohydrates, chlorophyll, carotene and pigments
- Ensures zinc availability in salt-affected soils in all soil type
- Easy to use and save fertilizer for different plants

Application Directions :

- Application rate is 1L per acre at (1: 500) dilution rate for foliar application and 2L per acre for fertigation.
- General application program is once before flowering and 2-3 times during flowering / fruit setting
- Apply at any time if zinc deficiency is identified



Fulvigro ▶

19% Fulvic Acids

Vigro
supplements

Description :

Fulvate Fluid fertilizer plant growth stimulant and soil conditioner.

Minimum Guaranteed analysis :

(density 1.16 - 1.24 gm/cm³)

Fulvic acid	≥19%
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Features and Benefits :

- Improves soil chemical, physical and biological fertility.
- Keeps and ensures nutrients availability to plants.
- Increase plant tolerance to drought, salinity and alkalinity.
- Easy for plant uptake and redistribution within the plant.
- Enhance germination, activate roots and vegetative growth, strengthen flowering and fruit set, hasten maturity.
- Improve the effectiveness of pesticides.
- Easy to use and safe fertilizer for all plants.

Application directions :

- **General application program (per acre) :**
 - For fertigation; 1-2 L weekly at vegetative stage and at the start of flowering stage, 1.5-2 L weekly in fruit setting, expansion stage and colouring stage.
 - For foliar spray; 1-2 L every 10 days at minimum dilution rate of (1:600).



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The Favourite **Fertilizer**



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