

लोकमंगल बायोटेक
Lokmangal Bio-Tech Pvt. Ltd.

Product catalogue
Balanced nutrition, richer harvests

To improve the productivity of agriculture by providing new research-based products.

Lokmangal Bio-Tech Pvt. Ltd.
Plot No. A-61, Chincholi MIDC, Solapur - 413 255 (M.S.)
+91 99234 04589 · +91 99234 04584 · 0217-2357286 · info@lokmangalbiotech.com

NPK Granular Mixture Fertilizers

Krishi Vardan granular NPK grades supplying balanced nitrogen, phosphorus and potassium for all crops, vegetables, fruits and pulses.



Krishi Vardan 18:18:10

NPK Granular Mixture Fertilizer (18:18:10)

Dose: 50–100 kg per acre (depending on crop) **Packing:** 50 kg

Contents: Total Nitrogen, N(T) 18%, Total Phosphorus, P(T) 18%, Citrate-soluble Phosphorus, P(CS) 18%, Water-soluble Phosphorus, P(WS) 9%, Total Potassium, K(T) 10%

How it is used: Soil application

Crops: Sugarcane, soybean, maize, chickpea and cotton



Krishi Vardan 10:20:20

NPK Granular Mixture Fertilizer (10:20:20)

Dose: 50–100 kg per acre (depending on crop) **Packing:** 50 kg

Contents: Total Nitrogen, N(T) 10%, Total Phosphorus, P(T) 20%, Citrate-soluble Phosphorus, P(CS) 20%, Water-soluble Phosphorus, P(WS) 10%, Total Potassium, K(T) 20%

How it is used: Soil application

Crops: Oilseed and pulse crops



Krishi Vardan 20:20:00

NPK Granular Mixture Fertilizer (20:20:00)

Dose: 50–100 kg per acre (depending on crop) **Packing:** 50 kg

Contents: Total Nitrogen, N(T) 20%, Total Phosphorus, P(T) 20%, Citrate-soluble Phosphorus, P(CS) 20%, Water-soluble Phosphorus, P(WS) 10%, Total Potassium, K(T) 00

How it is used: Soil application

Crops: Cereals, pulses, oilseeds, cash crops and vegetables

100% Water Soluble Fertilizers

FASTER+ 100% chloride-free water-soluble grades for rapid foliar nutrition and drip fertigation.



Faster+ 19:19:19 19:19:19

Balanced NPK (19% N, 19% P_2O_5, 19% K_2O) — 100% Chloride-Free

Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days **Packing:** 1 kg, 25 kg

Contents: Total Nitrogen (N) 19.0%, Water-soluble Phosphate (as P_2O_5) 19.0%, Water-soluble Potash (as K_2O) 19.0%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Faster+ 12:61:00 12:61:00

Mono Ammonium Phosphate / MAP (12% N, 61% P_2O_5) — 100% Chloride-Free

Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days

Packing: 1 kg, 25 kg

Contents: Ammoniacal Nitrogen (N) 12.0%, Water-soluble Phosphate (as P_2O_5) 61.0%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Faster+ 13:40:13 13:40:13

High-Phosphorus NPK (13% N, 40% P_2O_5, 13% K_2O) — 100% Chloride-Free

Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days

Packing: 1 kg, 25 kg

Contents: Total Nitrogen (N) 13.0%, Water-soluble Phosphate (as P_2O_5) 40.0%, Water-soluble Potash (as K_2O) 13.0%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Faster+ 00:52:34 00:52:34

Mono Potassium Phosphate / MKP (52% P_2O_5, 34% K_2O) — 100% Chloride-Free

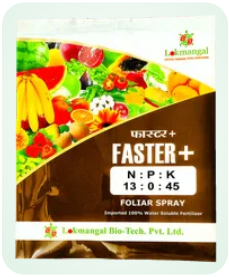
Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days

Packing: 1 kg, 25 kg

Contents: Water-soluble Phosphate (as P_2O_5) 52.0%, Water-soluble Potash (as K_2O) 34.0%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Faster+ 13:00:45 13:00:45

Potassium Nitrate (13% Nitrate N, 45% K_2O) — 100% Chloride-Free

Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days

Packing: 1 kg, 25 kg

Contents: Nitrate Nitrogen (N-NO_3) 13.0%, Water-soluble Potash (as K_2O) 45.0%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Faster+ 00:00:50 00:00:50

Potassium Sulphate / SOP (50% K_2O, 17.5% S) — 100% Chloride-Free

Dose: Foliar: 2–3 gm per litre; Drip: 1–2 kg per acre every 8–10 days

Packing: 1 kg, 25 kg

Contents: Water-soluble Potash (as K_2O) 50.0%, Sulphate Sulphur (as S) 17.5%, Chloride content Chloride-Free (Nil)

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses

Secondary Nutrients & Soil Conditioners

Magnet (Ca 6%, Mg 2%, S 4%) and Magsil silicon granules to restore soil health, fertility and structural strength.



Magnet Granule 06:02:04

Secondary Nutrient & Soil Conditioner (Ca 6%, Mg 2%, S 4%) — Granular

Dose: 25–50 kg per acre (soil application) **Packing:** 50 kg

Contents: Calcium (Ca) 6.0%, Magnesium (Mg) 2.0%, Sulphur (S) 4.0%

How it is used: Soil application

Crops: Cereals, pulses, oilseeds, cash crops (sugarcane, cotton), vegetables and fruit crops



Magnet Powder 06:02:04

Secondary Nutrient & Soil Conditioner (Ca 6%, Mg 2%, S 4%) — Powder for foliar spray

Dose: Foliar: 2–5 gm per litre; 2–3 sprays at 15–20 day intervals **Packing:** 50 kg

Contents: Calcium (Ca) 6.0%, Magnesium (Mg) 2.0%, Sulphur (S) 4.0%

How it is used: Foliar spray

Crops: Cereals, pulses, oilseeds, cash crops (sugarcane, cotton), vegetables and fruit crops



Magsil Granule

Silicon-based Nutrition & Soil Conditioner Granules

Dose: 25–50 kg per acre (soil application) **Packing:** 50 kg

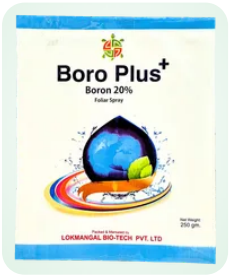
Contents: Silicon (Si) 30.0%

How it is used: Soil application

Crops: All crops, vegetables, fruits, cereals and pulses

Micronutrient Fertilizers

Lancer, Spark, Boroplus, Flame, Zordar, One Stroke and chelated micronutrients for complete crop nutrition.



Boroplus

Boron Micronutrient (Foliar 20.5% & Soil 10.5%)

Dose: Foliar: 1–1.5 gm per litre of water; Soil: 5–10 kg per acre **Packing:** Foliar: 250 gm, 500 gm, 1 kg; Soil: 25 kg bag

Contents: Foliar Grade: Di-Sodium Octaborate Tetrahydrate (B) 20.5%, Soil Grade: Borax (B) 10.5%

How it is used: Foliar spray, Soil application, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Zordar

Zinc Sulphate Micronutrient Fertilizer (Zn 21%)

Dose: 10–15 kg per acre (soil application) **Packing:** 5 kg, 10 kg

Contents: Zinc (Zn) 21.0%, Sulphur (S) 10.0%

How it is used: Soil application

Crops: All crops, vegetables, fruits, cereals and pulses



Flame

Ferrous Sulphate (Fe: 12.0% & 19%)

Dose: Soil: 10–20 kg per acre; or foliar 2–3 gm per litre **Packing:** 10 kg

Contents: Ferrous Iron (Fe) 12.0% / 19.0%, Sulphur (S) 10.5%

How it is used: Soil application, Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops



Manganese Sulphate

Manganese Sulphate White (Mn: 30%)

Dose: Foliar: 2–3 gm per litre; 2–3 sprays at 10–15 day intervals **Packing:** 5 kg

Contents: Manganese (Mn) 30.0%, Sulphur (S) 17.0%

How it is used: Foliar spray

Crops: All crops, vegetables, fruits, cereals and pulses



Grow Perfect

Magnesium Sulphate (Mg 9.6%, S 12%)

Dose: Soil: 10–15 kg per acre; or foliar 2–3 gm per litre **Packing:** 1 kg, 25 kg

Contents: Magnesium (as Mg) 9.6%, Sulphur (as S) 12.0%

How it is used: Soil application, Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops



Lancer-12

Chelated Micronutrients (Fe-EDTA 12% & Zn-EDTA 12%)

Dose: Foliar: 1–2 gm per litre at 10–15 day intervals (Zinc: 2 sprays, Ferrous: 2–3 sprays) **Packing:** 250 gm, 500 gm (Zinc and Ferrous)

Contents: Lancer 12 Zinc: Chelated Zinc (Zn-EDTA) 12.0%, Lancer 12 Ferrous: Chelated Iron (Fe-EDTA) 12.0%

How it is used: Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops



One Stroke

Multi Micronutrient Combikit Mix (Zn, Fe, Mn, Mg, B)

Dose: Soil: 5–10 kg per acre; or foliar 2–3 gm per litre

Packing: 28 kg, 55 kg

Contents: Magnesium (Mg) 25 kg, Ferrous Iron (Fe) 15 kg, Zinc (Zn) 10 kg, Manganese (Mn) 03 kg, Boron (B) 02 kg

How it is used: Soil application, Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

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Spark

Grade-II Chelated Micronutrient Mixture

Dose: Foliar: 1–2 gm per litre; 2 sprays at 10–15 day intervals

Packing: 250 gm, 500 gm

Contents: Iron (Fe) 2.5%, Manganese (Mn) 1.0%, Zinc (Zn) 3.0%, Copper (Cu) 1.0%, Molybdenum (Mo) 0.1%, Boron (B) 0.5%

How it is used: Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

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Drip Master

Multi Micronutrient for Drip Irrigation

Dose: 1–2 kg per acre through drip irrigation

Packing: 2 kg

Contents: Zinc (Zn) 5.0%, Iron (Fe) 2.0%, Manganese (Mn) 1.0%, Boron (B) 1.0%, Copper (Cu) 0.5%, Magnesium (Mg) 1.0%

How it is used: Drip fertigation

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

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Lancer Powder

Multi Micronutrient Powder (Zn 5%, Fe 2%, Mn 1%, B 1%, Cu 0.5%, Mg 1%)

Dose: Foliar: 2–3 gm per litre, 2–3 sprays at 15–20 day intervals; Soil: 5–10 kg per acre

Packing: 250 gm; 10 kg (bag and bucket)

Contents: Zinc (Zn) 5.0%, Iron (Fe) 2.0%, Manganese (Mn) 1.0%, Boron (B) 1.0%, Copper (Cu) 0.5%, Magnesium (Mg) 1.0%

How it is used: Foliar spray, Soil application

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

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Lancer Liquid

Multi Micronutrient Liquid (Zn 3%, Fe 2.5%, Mn 1%, Cu 1%, B 0.5%)

Dose: Foliar: 2–3 ml per litre; 2–3 sprays at 15–20 day intervals

Packing: 500 ml, 1 L, 5 L, 20 L

Contents: Zinc (Zn) 3.0%, Iron (Fe) 2.5%, Manganese (Mn) 1.0%, Copper (Cu) 1.0%, Boron (B) 0.5%

How it is used: Foliar spray

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

Bio-Fertilizers & Bio-Stimulants

Himraj 98, Humic Super, Growth Power and Triple Action to stimulate prolific roots, flowering and stress vigor.



Himraj 98

Potassium Humate 98% Flakes / Shiny Powder (Humic 98%)

Dose: Foliar: 1 gm per litre; Drip / Soil: 500 gm–1 kg per acre

Packing: 100 gm, 250 gm, 500 gm, 1 kg

Contents: Potassium Humate 98.0%, Fulvic Acid 15.0%, Potassium (as K_2O) 10.0%, Solubility 100%

How it is used: Foliar spray, Drip fertigation, Soil application

Crops: All crops, vegetables, fruits, cereals and pulses



Humic Super

Bio-Stimulant Humic Acid (Liquid 15% & Granule 12%)

Dose: Liquid: 2–3 ml per litre; Granule: 5–10 kg per acre

Packing: Liquid: 500 ml, 1 L, 5 L; Granule: 5 kg, 10 kg, 25 kg

Contents: Humic Super Liquid Humic Acid 15% + Amino 6%, Humic Super Granule Humic Acid 12% + Amino 6%

How it is used: Soil application, Drip fertigation, Foliar spray

Crops: All crops, vegetables, fruits, cereals and pulses



Growth Power

Bio-Stimulant Enriched with Shilajeet Power

Dose: 1 to 2 ml per litre of water

Packing: 250 ml, 500 ml, 1 L

Contents: Active Shilajeet & Fulvic Extract 25.0%, Protein Hydrolysate 10.0%, Seaweed Extract 36.0%

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses



Triple Action

Multi-Action Bio-Stimulant Liquid

Dose: 2 ml per litre of water

Packing: 250 ml, 500 ml, 1 L

Contents: Plant Growth Stimulants 20.0%, Seaweed & Amino Matrix 30.0%, Aqueous Carrier 50.0%

How it is used: Foliar spray, Drip fertigation

Crops: All crops, vegetables, fruits, cereals and pulses

Specialty & Organic Fertilizers

Canon Calcium Nitrate, Virat Potash (PDM), Champion organic manure, Neem, Param, Samrat and Sulphex.



Canon

Calcium Nitrate (Nitrate N-NO_3: 14.5% & Calcium Ca: 18.5%)

Dose: Foliar: 2-3 gm per litre; Drip: 1-2 kg per acre

Packing: 500 gm, 25 kg

Contents: Nitrate Nitrogen (N-NO_3) 14.5%, Water-soluble Calcium (as Ca) 18.5%, Water Solubility 100%

How it is used: Foliar spray, Drip fertigation

Crops: Sugarcane, cotton, sweet lime, vegetables, chilli, grapes, soybean, tur, chickpea, all crops and all fruits



Virat Potash

Potash Derived from Molasses (PDM) – 14.5% Potash

Dose: 25-50 kg per acre (soil application)

Packing: 50 kg

Contents: Water-soluble Potassium (as K_2O) 14.5%, Total Organic Carbon (OC) 16.0% min, Moisture (maximum) 5.0%

How it is used: Soil application

Crops: Orchards, pulse crops, banana, onion, tur, cotton, sugarcane and vine crops



Champion

Enriched Organic Manure with Micronutrients

Dose: 200 to 400 kg per acre

Packing: 50 kg

Contents: Organic Carbon (OC) 16.0% min, Total NPK 3.5% min, C:N Ratio < 20:1, Moisture 25.0% max

How it is used: Soil application

Crops: All types of crops: sugarcane, cotton, pomegranate, banana, grapes, vegetables, fruits, cereals and pulses, polyhouse and horticulture crops



Neem Powder

Natural Neem-based Organic Product

Dose: 25-50 kg per acre (soil application)

Packing: 40 kg

Contents: Nitrogen (N) 2.5 – 3.5%, Phosphorus (P_2O_5) 1.0 – 1.5%, Potassium (as K_2O) 1.4 – 1.9%, Azadirachtin content 250 – 350 PPM

How it is used: Soil application

Crops: Orchards, pulses, sugarcane and vine crops



Param

Phosphoric Acid 85%

Dose: 1 to 2 litres per acre through drip irrigation system

Packing: 5 L, 35 L

Contents: Ortho Phosphoric Acid (H_3PO_4) 85.0% min, Available Phosphate (as P_2O_5) 61.5%, Purity Technical Grade 85%

How it is used: Drip fertigation

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops



Samrat

Ammonium Sulphate Fertilizer (20.5% N, 24% S)

Dose: 25–50 kg per acre **Packing:** 50 kg

Contents: Ammoniacal Nitrogen ($N\text{-}NH_4$) 20.5%, Sulphate Sulphur (as S) 24.0%, Moisture (maximum) 1.0%

How it is used: Soil application

Crops: Cereals, pulses, oilseeds, cash crops, vegetables and fruit crops

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Sulphex Super

Bentonite Sulphur 90%

Dose: 8–12 kg per acre **Packing:** 5 kg, 10 kg

Contents: Elemental Sulphur (S) 90.0%, Bentonite 10.0%

How it is used: Soil application

Crops: Sugarcane, cotton, vegetables, chilli, grapes, soybean, tur, chickpea and all crops

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Contact

Factory & laboratory: Solapur, Maharashtra
Plot No. A-61, Chincholi MIDC, Solapur – 413 255 (M.S.)

Corporate office: Lokmangal House, Solapur
"Lokmangal House", 8536-A/11, Murarji Peth, Old Puna Naka, Solapur – 413 001 (M.S.)

Warehouse / office: Akola, Maharashtra
C/o. Kamal Industrial Corporation, Plot No. F-18, M.I.D.C. Phase – II, Akola (M.S.)

Warehouse / office: Anantapur, Andhra Pradesh
C/o Mr. S. Subhakar, Godown No. 39, Association of Dealer Canal, Near Chilli Market, Anantapur – 515 001