

# ORGANIC FERTILIZER

NOP | EU | JAS Organic Farming Criteria Compliant



JIANGXI RUTOM BIOTECHNOLOGY CO., LTD

TOP 10 ORGANIC FERTILIZER MANUFACTURER IN CHINA

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# ORGANIC CERTIFICATE



# ORGANIC RAW MATERIALS



**FEATHER MEAL**

**TEASEED MEAL**

**GUANO**

**NATURAL KMS**

**CANOLA SEED MEAL**

**BONE MEAL**

**AMINO ACID**

**RICE BRAN**

**NATURAL MAGNESIUM SULFATE**

**PALM BUNCH ASH**

**NATURAL MICRONUTRIENTS**



# WHY USE ORGANIC FERTILIZER



- Increase soil fertility.
- Improve soil aggregated structure.
- Improve soil ability to retain water and nutrients.
- Supply food source and create a premium environment for beneficial microbial.
- Improve the buffer ability of soil, create good condition for crops to grow.

Provide complex types of necessary nutrients

- including macronutrient, secondary nutrients and micronutrients for plants.
- Alleviate abiotic stress for plants.
- Regulate soil pH level.

# GUANO GRANULE

# 0 - 12 - 0

25kg

P2O5

12%

CAO

40%

MGO

3%

GRANULE

2-4



## Benefits

- Nutrients derived from 100% natural mineralized guano phosphate.
- Supply slow released, long-lasting nutrients, abiotic stress alleviating.
- Excellent food for microbial, improves soil fertility and soil aggregated structure.
- Contains multiple types of secondary nutrients and micronutrients.
- Organic material input certified product for organic farming.

## Application

- ∞ All purpose organic plant food.
- ∞ Sparkle and mix with soil.
- ∞ Apply 750Kg -1000Kg per hectare.

# GUANO POWDER

# 0 - 12 - 0

## 25kg

P2O5  
12%

CAO  
40%

MGO  
3%

POWDER  
2500 MESH



## Benefits

- Nutrients derived from 100% natural mineralized guano phosphate.
- Supply slow released, long-lasting nutrients, abiotic stress alleviating.
- Excellent food for microbial, improves soil fertility and soil aggregated structure.
- Contains multiple types of secondary nutrients and micronutrients.
- Organic material input certified product for organic farming.

## Application

- ∞ All purpose organic plant food.
- ∞ Foliar spraying application.
- ∞ Apply 1:800 ~1000 with water to pray on leaves.



# GUANO POWDER

# 0 - 12 - 0

## 25kg

P2O5

12%

CAO

40%

MGO

3%

POWDER

6000 MESH



## Benefits

- Nutrients derived from 100% natural mineralized guano phosphate.
- Supply slow released, long-lasting nutrients, abiotic stress alleviating.
- Excellent food for microbial, improves soil fertility and soil aggregated structure.
- Contains multiple types of secondary nutrients and micronutrients.
- Organic material input certified product for organic farming.

## Application

- ∞ All purpose organic plant food.
- ∞ Drip irrigation application.
- ∞ Apply 1:800 ~1000 with water as drip irrigation.

# ORGANIC 12 - 0 - 0

25kg

N  
12%

P2O5  
0.3%

K2O  
0.3%

Organic Matter  
78%



## Benefits

- Nutrients derived from hydrolyzed chicken feather meal.
- Supply slow released, long-lasting nutrients
- Protein, fiber, carbohydrate, amino acids, humus to feed beneficial microorganisms
- Contains multiple types of secondary nutrients and micronutrients.
- Organic certified organic material input product for organic farming.

## Application

- ∞ All purpose organic plant food.
- ∞ Sparkle and mix with soil.
- ∞ Apply 750Kg -1000Kg per hectare.



# ORGANIC POTASSIUM MAGNESIUM SULFATE K.M.S

9.8kg

K<sub>2</sub>O

24%

MGO

12%

SULFUR

16%

APPEARANCE

POWDER / PRILL



## Benefits

- Supply fast – acting, water soluble sulfur, potassium and magnesium.
- Excellent to use on fruit plantation.
- 100% naturally sundried K.M.S, nutrients derived salt lakes.
- Improves the crops quality in flavor, fresh quality and taste.
- Boost a fast growth and stimulate a healthier growth condition.

## Application

- ∞ All purpose organic plant food
- ∞ Sparkle and mix with soil or use it as a raw material.
- ∞ Apply 750Kg -1000Kg per hectare, or 1:1200 with water to drip irrigation or foliar spraying.

# ORGANIC

# 5 - 3 - 2

25kg

N

5%

P2O5

3%

K2O

2%

Organic Matter

50%



## Benefits

- Nutrients derived from animal, vegetal, mineral raw material
- Supply slow released, long-lasting nutrients
- Excellent food for microbial, improves soil fertility and soil aggregated structure.
- Contains multiple types of secondary nutrients and micronutrients.
- Organic certified organic material input product for organic farming.

## Application

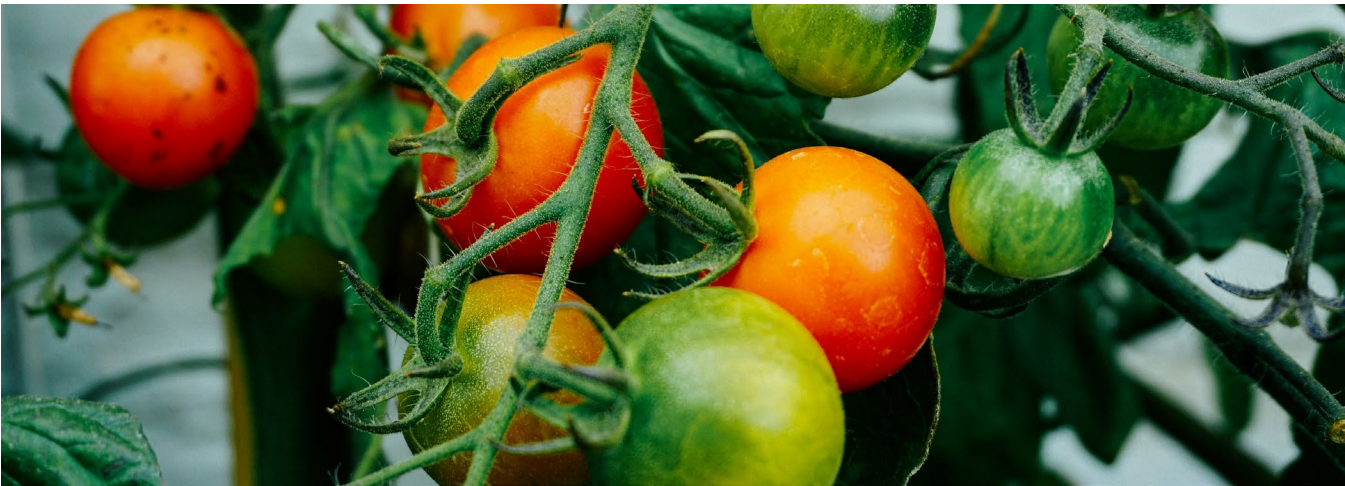
- ∞ All purpose organic plant food.
- ∞ Sparkle and mix with soil.
- ∞ Apply 750Kg -1000Kg per hectare.



# ORGANIC NPK SERIES

25kg

CERES LISTED



N (%)	P2O5 (%)	K2O (%)	Organic Matter (%)
5	3	4	50
6	2	1	50
6	5	4	50
6	12	0	50
7	4	5	50
9	1	1	50
9	6	0	50
12	0	1	50
12	1	2	50

# ORGANIC MINERALS

CERES LISTED





# NATURAL DOLOMITE

25kg

CAO  
30%

MGO  
20%

PH  
7-9

APPEARANCE  
GRNAULE / POWDER



## Benefits

- Natural mineral dolomite, 0.8-1.5mm, 2-4mm, 2500 mesh powder are available.
- Abiotic stress alleviating agent
- Neutral pH level, soil pH regulator agents.
- Provide high concentration of CaO and MgO.
- Improves soil aggregated structure, promote soil permeability.

## Application

- ∞ All purpose soil regulator.
- ∞ Sparkle and mix with soil.
- ∞ Apply 750Kg -1000Kg per hectare.

# NATURAL DIATOMITE

25kg

SiO<sub>2</sub>

58%

CaO

2.5%

ORGANIC MATTER

2.5%

POWDER

2500 MESH



## Benefits

- Provide available SiO<sub>2</sub> and MgO.
- Abiotic stress alleviating agent
- Alleviate heavy metal pollution and impact.
- Physical pest control.
- Improves soil aggregated structure, promote soil permeability.

## Application

- ∞ All purpose soil regulator.
- ∞ Sparkle and mix with soil or irrigation application.
- ∞ Apply 750Kg -1000Kg per hectare, or 1: 800 with water for soil irrigation.



# NATURAL MgSO<sub>4</sub>

25kg

MGO

25%

SULFUR

14%

PH

7-9

POWDER

2500 MESH



## Benefits

- Natural mineral Magnesium Sulfate (Kieserite mineral)
- Abiotic stress alleviating agent
- Neutral pH level, soil pH regulator agents.
- Provide high concentration of Sulfur and MgO.
- Improves soil aggregated structure, promote soil permeability.

## Application

- ∞ All purpose soil regulator.
- ∞ Sparkle and mix with soil.
- ∞ Apply 750Kg -1000Kg per hectare.

# NATURAL BORON+MG

25kg

K<sub>2</sub>O  
2.3%

MGO  
15%

B<sub>2</sub>O<sub>3</sub>  
15%

FE  
3%

SiO<sub>2</sub>  
13%



## Benefits

- 100% natural earth mineral derived magnesium and boron.
- Contains high level of magnesium, boron, and various types of nutrients.
- 2500 mesh (5 um) micronized powder, maximize its efficiency.
- Alleviating abiotic stress and improve quality of harvest.
- Clean, non-toxic products, safe to soil, plants, human and animals.

## Application

- ∞ All purpose trace element supplement product.
- ∞ Sparkle and mix with soil or use as irrigation purpose
- ∞ Apply 1: 800 -1200 in water for irrigation per hectare.

# NATURAL ZEOLITE

25kg

SIO

60%

CAO

1.5%

PH

7.2-7.5

POWDER/ GRANULE

2500 MESH / 2-4MM



## Benefits

- 100% natural earth mineral zeolite.
- Contains high level of Silica and trace elements.
- 2500 mesh (5 um) micronized powder, maximize its efficiency.
- Alleviating abiotic stress and improve quality of harvest.
- Improves the soil aggregated structure, help retain moisture, temperature and nutrients.

## Application

- ∞ All purpose trace element supplement product.
- ∞ Sparkle and mix with soil or use as irrigation purpose
- ∞ Apply 1: 800 -1200 in water for irrigation per hectare.



# Your Reliable Fertilizer Factory & Business Partner



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