

Nature Agrotech Co.,Ltd

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Technical Data Sheet

ORGANIC FERTILIZER (RAW MATERIAL: SOYBEAN)

Specifications:

Appearance	Brown-gray granules
N	4.0% min
P2O5	3.1% min
K2O	4.0% min
Organic matter	90% min
Protein	20.0% min
Amino acid	10.0% min
Ca	3.0% min
Moisture	0.3% max
PH	5.5-8.5
As	0.3 mg/kg
Pb	6.4 mg/kg
Cd	1.8 mg/kg
Cr	3.3 mg/kg
Hg	0.2mg/kg

Characteristic

This product uses soybean flour as the main raw material, with a proper amount of mineral elements added. After physical pulverization and microbial fermentation of soybean protein decomposition, solids are obtained through solid-liquid separation, and then dried and sprayed for granulation. The solid contains amino acids and small peptides decomposed by protein decomposing microorganisms, as well as incompletely decomposed proteins, cellulose and microbial cell proteins.

Its high content of organic matter and amino acid is the best choice for fertilizing soil fertility and high yield and quality crops.

Product features

1. Pure soybean flour is fermented as raw material and nutrients are easily absorbed by crops. The content of organic matter is high, the soil fertility is improved, the number and activity of beneficial microorganisms in the soil are increased, the formation of soil aggregate structure is promoted, the loose soil is improved and activated, and the nutrient transformation efficiency is improved.
2. It is rich in amino acids, humic acid and other substances to regulate PH value of soil ; Cultivate and protect the roots, improve the anti stress ability of crops.
3. The comprehensive effect of protein, amino acid and organic matter can significantly improve crop yield and quality, increase the proportion of superior fruits, and increase yield and income.
4. For fruit trees, it can increase the color and brightness of the peel, improve the taste and storage time of the fruit.
5. It is especially suitable for palm oil crops to increase oil yield, and improve the flavor and quality of product oil.

6. Spray granulation process, high particle hardness, low water content, easy to use.
7. Pure organic fertilizer, green and environmentally friendly, no residue.

Functions

- (1) It provides multiple nutrients and has long fertilizer effect.

It can provide rich organic matter, nitrogen, phosphorus, potassium and various trace elements for plant growth and development, and can continuously meet the needs of large amounts of nutrients for flowering and fruiting in the middle and late growth stages of crops.

- (2) Improve soil structure and fertilize soil.

The organic matter in this organic fertilizer can loosen the hardened clay and reunite the loose sand, creating good water, air and temperature conditions for the growth and development of the crop root system, and promoting the growth and development of the aboveground part of the plant.

- (3) Mitigate or control continuous cropping hazards.

This organic fertilizer can not only supplement soil nutrients at any time, improve soil structure, fertilize soil, but also eliminate toxic substances in soil, so as to reduce the damage of continuous cropping.

- (4) Increase yield.

The field experiment result has proved that the application of this organic fertilizer can significantly improve crop yield, and the yield increase range is generally 10%~20%. The more barren the soil is, the more obvious the effect of this organic fertilizer is.

- (5) Improve quality.

It can improve the utilization rate of fertilizer, improve the quality of crops, and improve the natural flavor of crops.

Usage and reference dosage:

It is recommended to spread, apply in strips or acupoints.

Crops: various types of cash crops, grains, vegetables, fruit tree, palm tree and field crops.

Vegetables, flowers and cash crops: 700-800 kg/ha.

Fruit trees: mix well with soil, apply fertilizer on drip line.

0.5 kg/plant for small trees, 2-3 kg/plant for large trees over 5 years old.

Specific dosage can be adjusted according to local soil fertility, crop growth and fertilization habits.

Package:

In 40kg plastic bag, 1000kg, 1200kg jumbo bag.

Remark:

The formula can be customized according to customers' requirement, the content of protein & amino acid can be added to 40%-50%.