

# 多氨基酸菌肥

微生物肥（2018）准字（4034）号

## Ammonia Microbial Fertilizer

Microbial fertilizer (2018) Approval (4034)

本产品是一种固态发酵豆粕生产氨基酸菌肥。豆粕经过有益微生物菌种进行固体发酵，将游离氨基酸充分释放，发酵物用水浸提，结束后用 500 目筛绢过滤分离不溶物，将过滤的液体进行浓缩，制备成氨基酸全溶液体菌肥。

This product is a kind of solid-state fermentation soybean meal to produce amino acid microbial fertilizer. After solid fermentation of soybean meal by beneficial microbial strains, the free amino acids are fully released, and the fermented products are extracted with water. After that, the insoluble substances are filtered and separated with 500 mesh sieve silk, and the filtered liquid is concentrated to prepare the whole solution of amino acids as the microbial fertilizer.

**【有效成分】:** 富含枯草、地衣、胶冻样芽孢杆菌，有效活菌 $\geq 2$  亿/ml，游离氨基酸 0.1%、磷 0.64%、钾 1.02%。

**【产品性状】:** 棕黄色液体

**[Active Ingredient]:** Rich in *Bacillus subtilis*, lichen and jelly like microbes, with effective living microbes  $\geq 200$  million / ml, free amino acid 0.1%, phosphorus 0.64% and potassium 1.02%.

**[product character]:** brownish yellow liquid

**【产品功效】:**

- 1、有效提高种子发芽指数，发芽指数为 166.85%；（发芽指数是判断田间出苗率的指标。）
- 2、增加根部须根数量，提高作物的附着能力；
- 3、粗壮主根和浓密须根加速作物对养分的吸收；
- 4、粗苗壮苗，提高农作物的抗逆性，有效防治农作物根腐病、黑胫病、疫病。
- 5、富含的有益菌具有固氮、解磷、解钾功能，有效释放土壤中的速效养分，提高肥料利用率，增加作物产量。

**[Product Function]:**

1. The germination index was 166.85%; (germination index is an index to judge the emergence rate in the field.)
2. Increase the number of fibrous roots in roots and improve the adhesion ability of crops;
3. Strong taproots and dense fibrous roots accelerate the absorption of nutrients by crops;
4. Thicken seedlings and strengthen the seedlings can improve the stress resistance of crops and effectively prevent crop root rot, black shank and epidemic diseases.
5. The rich beneficial microbes have the functions of fixing nitrogen, dissolving phosphorus and potassium, effectively releasing available nutrients in the soil, improving fertilizer utilization and increasing crop yield.

**【使用方法】:** 可直接做营养液、灌根、滴灌使用，建议施用量如下：

**[Application]:** The product can be directly used as nutrient solution, root irrigation and drip irrigation. The recommended dosage is as follows:

农作物 Corps	烟草 Tobacco	茶叶 Tea	果树 Fruit tree	瓜果类 Melon	蔬菜类 Vegetable	花卉 Flower
稀释倍数 Dilution times	1:100	1:100	1:50	1:80	1:100	1:100
亩用量 Per Mu (666m <sup>2</sup> ) dosage	40kg	30kg	50kg	40kg	20kg	15-20kg
最佳施肥期 Best application time	团棵、现蕾期 Cluster tree and budding stage	春茶催芽期 Spring tea budding stage	果实膨大期 Fruit expansion stage	果实膨大期 Fruit expansion stage	移栽后 After transplanting	整个生长期 Whole growing stage
使用频次 Application frequency	15-20 days	7-15days	7-12days	7-10days	7-10days	12-15days

**【注意事项】:**

- 1、 尽量一次使用完毕，如未使用完，请密封保存。
- 2、 可与化学肥料和杀虫剂混合使用,禁止与杀菌剂混合使用。
- 3、 贮存于通风阴凉处。

**【包装规格】:** 20kg/桶

**【保质期】:** 12 个月

**[Notice]:**

1. Try to use it at one time. If it is not used up, please seal and save it.
2. It can be mixed with chemical fertilizers and pesticides, and it is forbidden to mix with fungicides.
3. Store in a cool and ventilated place.

**[Package Specification]:** 20kg / barrel

**[Shelf life]:** 12 months