



**APA MAX**

**ApaMax**  
**Main elements**  
**from natural resources**



**ApaMax<sup>®</sup> is a natural and sustainable plant nutrition solution that provides improved soil health and strong growth. While traditional NPK fertilizers only provide essential nutrients, innovative products such as ApaMax<sup>®</sup> provide the farmer with the power of nutrients obtained from natural sources. This multi-purpose, water-soluble natural fertilizer is an effective plant enhancer, making it an ideal choice for farmers looking for superior results.**

## ApaMax® benefits as a natural fertilizer

In comparison, ApaMax® as a natural fertilizer has many advantages over chemical NPK fertilizers:

**Environmental sustainability:** Natural fertilizers are biodegradable and do not cause soil and water pollution. They help to maintain ecological balance by enhancing biodiversity and reducing chemical runoff.

**Soil health:** Organic fertilizers improve soil structure and increase water holding capacity and microbial activity, which leads to healthier soil and stronger plant growth.

**Nutrient Release:** Natural fertilizers release nutrients slowly and steadily, this reduces the risk of nutrient leaching and minimizes the need for repeated applications.

**Plant health:** Organic fertilizers improve the overall health of plants and make them more resistant to pests and diseases. They also improve the taste and nutritional quality of agricultural products.

## The best methods for using natural fertilizers

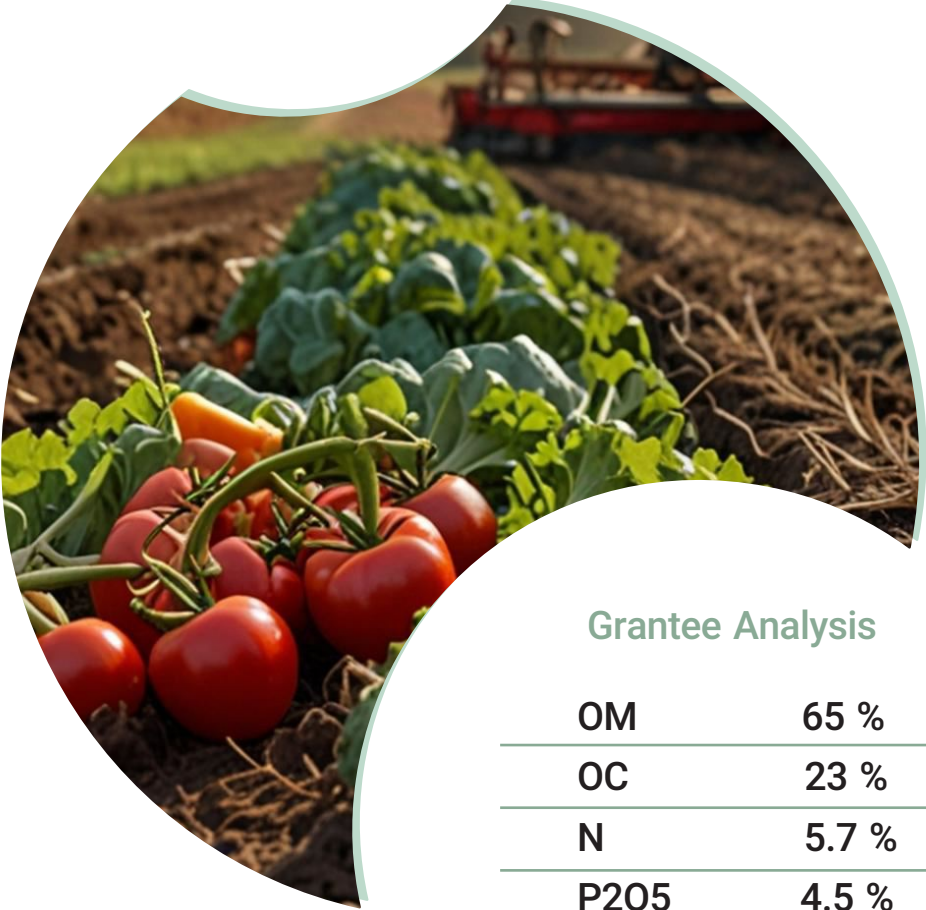
To maximize the benefits of using natural fertilizers, we recommend doing the following:

**Soil Testing:** Perform a soil test to determine nutrient deficiencies and pH levels. This result helps to choose the right type and amount of fertilizer.

**Right time:** use natural fertilizers at the right time and according to the growth stages of the plant.

**Avoiding excessive fertilization:** excessive use of natural fertilizers can lead to nutrient imbalance and environmental pollution. Follow the recommended dosage.





### Grantee Analysis

OM	65 %
OC	23 %
N	5.7 %
P205	4.5 %
K20	4.5 %

### What makes ApaMax<sup>®</sup> different from other NPK fertilizers:

In addition to the general properties of natural fertilizers, the ApaMax<sup>®</sup> formulation provides an even distribution of essential nutrients that meet a wide range of plant needs:

**Balanced supply of nutrients:** Balanced proportions between the main elements of nitrogen, phosphorus and potassium in ApaMax<sup>®</sup>, by providing a balanced food source, ensure the appropriate growth of the plant.

**Having an exceptional amount of organic matter:** the organic matter in ApaMax<sup>®</sup> has a positive effect on the soil microbiota (microorganism population) and causes the complete and proportionate absorption of all the main elements and micronutrients in ApaMax<sup>®</sup> and the soil around the roots.

**Improving the overall health of the plant:** having a rich source of carbon, ApaMax<sup>®</sup> supports various aspects of the plant, including root growth, foliage expansion and flowering. This comprehensive approach is the factor of maintaining the overall vitality of the plant.

**Multipurpose applications:** ApaMax<sup>®</sup> is suitable for a wide range of plants, including cereals, greenhouses and trees.

**Increasing soil fertility:** regular use of ApaMax<sup>®</sup> provides the necessary energy sources for microorganisms, provides long-term soil fertility and enables the establishment of sustainable agricultural practices.

**Improvement of plant resilience:** By providing a suitable range of natural compounds, ApaMax<sup>®</sup> provides the farmer with stronger and more flexible plants by improving plant flexibility against stress factors such as drought and disease.





### Tips for consumption

**Due to the fact that the maximum growth occurs in the roots of the plant, the scientific recommendation is to apply ApaMax® to the roots using the irrigation system.**

**Since the amount of absorption of water and soluble substances in it is a function of the soil temperature, the most suitable time for fertilization is the early hours of the day.**

**Use ApaMax® at the beginning of both the vegetative and reproductive phases and in the amounts according to the plant's needs.**

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[www.vivakoud.com](http://www.vivakoud.com)