



VENUS BITOP V.2

IT INCREASES SOIL
FERTILITY

medifer 

NUTRIMOS LA VIDA

ecomed

What is it?

Natural organic fertilizer, rich in microorganisms and nutritional elements, with BINF technology (Biological Inoculator Nitrogen Fixer).

The main component of our BINF technology is *Azotobacter vinelandii*, a rhizobacterium that plays key roles in the plant-soil complex and is part of a complex of beneficial rhizobacteria commonly known by the acronym PGPR (Plant Growth Promoting Rhizobacteria).

In addition to stimulating plant growth and protecting the plant against abiotic stresses, the bacterium incorporates nitrogen

from the air into its metabolism and converts it into nitrogen molecules that are easily assimilated by plants.

Being a free-living bacterium, it carries out symbiosis without the need to colonise the root and/or its zone of influence and without competing with the natural microbiota.

Physical properties

Aspect: Solid (pellet)
Colour: Brown
pH (dis. 10% p/p): 7-7.5

Composition

Total nitrogen (N)	4 %
Organic nitrogen (N)	3.6 %
Total phosphorus pentoxide (P ₂ O ₅)	7 %
Total potassium oxide (K ₂ O)	7 %
Total organic matter	40 %
Organic carbon	23.2 %
Carbon/Nitrogen ratio	6.4 %
Humic Acids	2.4 %
Humidity (min. - max.)	9-9.5 %



25 kg

big bag

in bulk



BENEFICITS

It boosts microbial activity and improves soil fertility.

It increases the available N content for the plant.

It improves the tolerance to abiotic stress.

It enhances soil physical and chemical properties.

It boosts cation-exchange capacity and water retention.

DIRECTIONS FOR USE

Traditional or localised fertilization.

INCOMPATIBILITIES

No special precautions needed when using it.

If in doubt, please consult our agronomists.

Dosage



Cereals

300-800 kg/ha.



Maize

800-1400 kg/ha.



Citrus trees

1500-1700 kg/ha.



Potato

1500-1700 kg/ha.



Olive grove

4-8 kg/árbol.



Vine

1000-1500 kg/ha.



Almond and
fruit trees

2-3 kg/tree.



Garlic and
onion

800-1000 kg/ha.

Doses are illustrative and may vary depending on the crop and its specific characteristics. If in doubt, consult our agronomists.

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This catalogue does not contain all the necessary information for the application of each product. In order to use them safely, technical and safety specifications must be read. Medifer does not take responsibility for the inappropriate use of products. Please, contact the agronomist in your area or write to us via email, cgsa@medifer.es for further information.