



protectorVine

NATURAL VINE DEFENSES ACTIVATOR IN VINE



WHAT IS PROTECTOR?

PROTECTOR Vine is a product designed by Aspe Agrobiológico. It's established as an organic product of vegetable origin. Its great purity and quick absorption in different tissues crops. **PROTECTOR Vine** make an essential product for the growth, maintenance and protection of vine.

ADVANTAGES THAT PROVIDES PROTECTOR TO VINE CROPS

IMPROVEMENT:

- Growth
- Performance, efficiency.
- Production.
- Fruit set.
- Stronger leaves.
- Largest number of flowers.
- Fruit: Larger, uniforms, reduces the cracking.
- Activated defenses.
- It provides essential micronutrients.

CONTROL:

- BLEED (Example: Garnacha)
- EUTIPIOSIS
- PETRI AND PIERCE'S DISEASE

WHY MUST USE PROTECTOR?

PROTECTOR Vine is a compound that provides numerous plants benefits. Thanks to its composition presents lignosulphate of aluminum, organic acids and microelements, triggers a rapid response of the immune system to different infectious agents. In the plants increases of antioxidants and phytoalexins.

Antioxidants are concentrated in the chloroplast, and protect the appliance photosynthetic when a plant is subject to stress and eliminate the radical free that they are harmful to the plant tissue.

On the other hand, increases the level of phytoalexins. The phytoalexins are metabolites side synthesized from new that they provide to the plant anti-microbial mechanisms.

WHAT IS THE COMPOSITION SHOWN?

COMPOSITION	% w/w	% w/v
Nitrogen Total (N)	5	6,5
Urea Nitrogen (N)	5	6,5
Zinc complexed by water (Zn)	1	1,3
Manganese complexed by water (Mn)	2	2,6
Copper complexed by water (Cu)	2	2,6
Density		1,25
pH		2,95

Complexing agents: aluminum lignosulfonate and gluconic acids.

PACKAGING





FOLIAR APPLICATION

APPLICATION	DOSES
1° Application in a state F (visible clusters)	3 (L/Ha)
2° Application in H status (separated floral buds)	3 (L/Ha)
3° Application in a state K (pea grain size)	3 (L/Ha)



DISEASE CONTROL OF WOOD

The wood diseases are caused by the action of fungi that infect plants and debilitate their defenses.

These pathogens are in the vascular tissue of old wood disrupting xylem conductivity and producing toxins.

In order to prevent this problem, the immune system of plants using **PROTECTOR Vine** is enhanced.

PROTECTOR Vine facilitates the biosynthesis of phytoalexins, reinforces the wall of xylem elements, support for the creation of vascular vessels and the formation of new wood.

Not usually act on dead wood, but it prevents the fungi to continue advancing in the destruction of the vascular tissues of plants.



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