# sonar Phos Al

Plant defense inductor

soil foliar

## Composition

| | %w/w |
|---|---|
| Phosphorus ($P_2O_5$) | 21,4 |
| Aluminium (Al) | 4,2 |
| Density: 1,32 g/cc | |
| pH: 2 -3 | |

systemic


## Characteristics

Its fungal activity is twofold:

- On the one hand, it is involved in activating natural plant defense systems. The phosphite ion causes changes in the cell wall of the Oomycete, resulting fractions that act as external elicitors, triggering all the process of activation of defenses.
- The phosphite ion exerts a direct effect on fungal metabolism. This ion competes with phosphorus in different metabolic pathways catalyzed by various enzymes fosforilatives. In this way, the processes involved in energy transfer of the fungus suffer a considerable delay and may even be blocked.

sonar Phos Al is a liquid fertilizer suitable for the treatment of citrus, fruit and vegetables, which stimulates growth and improves the quality of the fruit.

The phosphite ion is a relatively simple compound but of great importance in plant health: it has a fungicidal effect against the type of Oomycete fungi and it's also an excellent nutrient.

**The richness in phosphorous and Aluminium promotes migration of sugar to the fruit**

**Fertilizer rich in phosphorus and Aluminium which promotes flowering and the roots of plants and corrects deficiencies thereof.**

## Excellent preventive and curative activity against

- Citrus Gummosis
- Root rot and neck in fruit
- Peronospora of grape
- Mildew of onions and garlic
- Phytophthora

## Application

| Crop | Foliar application | Soil application |
|---|---|---|
| Avocado, citrus, orchards, gardens, ornamental plants and potatoes | 300 - 400 cc/hl, 2 applications | 10 - 20 L/ha, in consecutive irrigations; at the end of irrigation |
| Strawberries and vegetables | 250 - 350 cc/hl | 5 - 10 L/Ha |
| Olive and vine | 200 - 400 cc/hl | 10 cc/$m^2$ |

## Wound desinfectants

Apply with a brush in the wound area in a broth concentration of 500 - 800 cc/L broth.


sonar agro