

# Agroleaf Power

## High Phosphorous



The Fastest And The Best  
To Control Phosphorous Deficiency



### Definition :

A high-phosphorous foliar fertilizer used by spraying on plants to treat phosphorous deficiency and increase the level of flowering and fruits and give a healthy plant with high efficiency.

It gives very distinctive results in the event of stress in the roots and low absorption of nutrients through the soil, especially in low PH number and low quality water.

It does not cause a burning of the leaves, such as compounds that depend in its manufacture on phosphoric acid as a source of phosphorous

# Phosphorous Deficiency



**P-def-Onion**



**P-def-Wheat**



**P-def-Cucumber**



**P-def-Potatoes**



**P-def-Tomatoes**



**P-def-Citrus**



**P-def-Cauliflower**



**P-def-Lettuce**

## Composition % :

N Total	NH <sub>4</sub>	NH <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Fe DTPA	Mn EDTA	B	Cu EDTA	Mo	Zn EDTA
12	8.7	3.3	52	5	0.14	0.07	0.03	0.07	0.001	0.07

## Modern technologies in Agroleaf :-

Agroleaf group is a unique foliar fertilizer in the Saudi market, as it contains new and distinct techniques that increase the rate of absorption of nutrients by plant cells and increase their utilization as follows:



It is the dual stimulation technology where this technology works to stimulate the plant to increase the rate of photosynthesis, in which the plant produces sugars using light, carbon dioxide and water and this is done by increasing transpiration rates and increasing the building of chlorophyll. Carbon dioxide by improving the transpiration process. Research also showed an increase in the percentage of chlorophyll formation in the treated leaves and an increase in leaf weight and size.



It is an innovative, patented plant stimulator that is a mixture of compounds that enhance the delivery of spray solution molecules to the leaves and plant cells, thus faster absorption, which leads to a better yield and higher productivity.

### This mixture consists of the following :

- 1- Vitamins that improve the metabolic activity of the tissues absorbing the spray solution.
- 2- Stress-reducing compounds that enhance plant tolerance to conditions unsuitable for growth.
- 3- Compounds that improve the work of the chelates and thus raise the rate of absorption of the elements by plant cells

## How to use :-

### General use:

Recommended during the spring season and the stage of heavy production  
At a concentration of 2 - 4 kg / hectare of 2 - 8 treatments starting from the age of 1: 2 weeks and also from the beginning of flowering until the end of the crop.



### Greenhouses :

Agroleaf high phosphorous is used after germination, generally at a concentration of 2.5 : 3 kg/1000 liters of water

### Cucumber :-

2.5 : 3 kg / 1000 liters of water, starting after 10 days of transplanting , and repeat until flowering, at a rate of 2 sprays every 10 days .

### Tomatoes , Pepper , Eggplants :-

Start from a week after the transplanting , and repeated from 3 to 4 times, and the concentration can be raised in the last time to 4 kg / 1000 liters of water



### Outdoor Crops :

Spray after 10 : 15 days of germination, in general, at a rate of 2.5 : 3 kg/1000 liters of water .

### Watermelon , melon , squash , outdoor tomatoes :-

Spray after 10 days of germination and then repeat every 10 days until flowering  
At a rate of 2.5 : 3 kg / 1000 liters of water .

### Potatoes :-

Spray after full germination of the tubers at a rate of 4 : 5 kg / ha for 2 : 3 times in order to form a large number of roots and tubers .



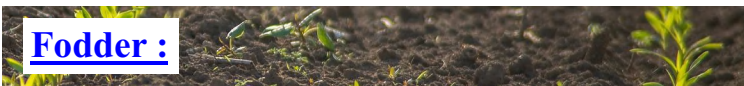
### Fruit trees :

The first treatment before flowering stage at a rate of 3: 5 kg / 1000 liters and the second one after the first one by 7: 10 days



### Seedlings :

The first treatment after germination at a rate of 3: 5 kg / 1000 liters and the second treatment after the first one by 7: 10 days



### Fodder :

After germination at a rate of 3: 4 kg / 1000 liters to form a strong root system and after every harvest and with plants that suffer from a lack of phosphorous as a result of cold or as a result of poor absorption of the roots.

## Usage recommendations:

**Mixing it in the tank is easy and cannot cause clogging of the equipment like other fertilizers. For mixing operations with other chemical elements, it is recommended to conduct a mini-experiment before using it on a large scale, by letting it go through a reaction period of two or three days. - Avoid spraying in bad conditions such as direct sunlight - high temperatures.**

## Packages:

**Agroleaf Power High Phosphorous is available in 2 kg and 12 kg packages.**