

# Alga600

## Soluble Seaweed Extract Powder

The triple formula in one package  
Regulator, improver and stimulator of growth in addition to improving soil properties



### Introduction :-

- Seaweed extracts of the distinctive Sargassum algae, in addition to other bio stimulants.
- It is used to improve flowering and fruit-set, increase the size and quality of fruits, and build a strong plant in terms of vegetative and root systems, where an increase in flowering and fruit-set is observed, improving its quality, and the final outcome is increased production, obtaining fruits of high quality, and increasing the storage period for most crop fruits. agricultural.

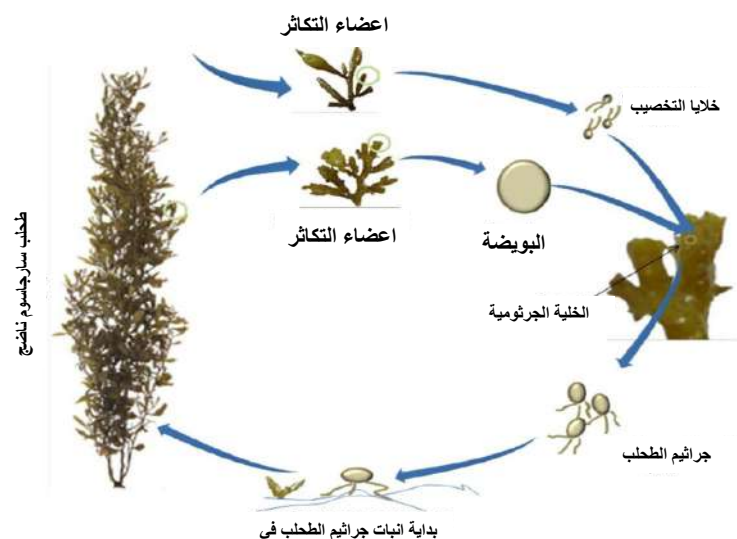
## Sargassum Seaweed :-

**Sargassum is a marine algae that lives in the salty waters of the seas and oceans and is spread in the Atlantic Ocean in West Africa. The leaves are flat, have a middle vein, and have a semi-stalk from which lateral branches emerge bearing what is called a bladder, which is filled with air to help the Algae float above the surface of the water, in addition to the leaves and reproductive organs. Sargassum is a genus of brown algae. Some of them may reach a length of several meters after full growth. lives between 3-4 years.**

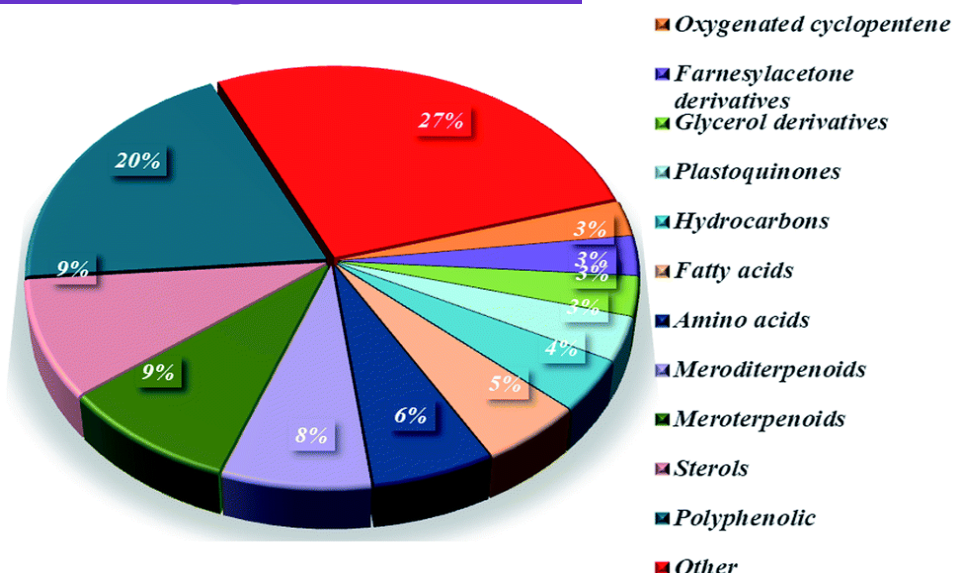


**This plant is known for its strength and ability to withstand different degrees of heat and high concentrations of salts in the water.**

## Sargassum life cycle:



## Composition of sargassum extract:



## Composition % :-

Organic Matter	Alginic Acid	Potassium	Chlorine
%	%	% K <sub>2</sub> O	% Cl
50 - 45	12	19 - 17	%2 >

## Features of Alga600 :-

- Rich in vital plant stimulating substances such as alginic acid and natural amino acids extracted from marine algae.
- Increasing the rate of absorption of nutrients from the soil thanks to the seaweed extract from Sargassum algae, which acts as an organic chelating agent for nutrients in the soil, which increases production.
- Stimulating growth and working on a balance between the vegetative and root system.
- Activates the production and growth of roots.
- It increases disease resistance and improves production quality.
- Increases plant resistance to stress conditions
- It neutralizes the negative effects of salts that appear on the leaves, flowers and fruits of the plant.
- It treats the physiological imbalance of plant roots as a result of the concentration of salts in the soil, in which the roots lose their ability to absorb the fertilizer element.
- Strengthens all parts of the plant.
- Improving the quality of the fruits and thus reducing the loss of crop sorting.



- Alga600 is a 100% brown algae soluble powder that is dry, thin, viscous, and has a seaweed scent.

**Alga600 Result on crops :-**

**Alga600 increase the number of flowers**



**Alga600 promote the uniformity of fruits & fruit number**



**Alga600 improve the anti-stress ability**



Improving water retention



Improving soil's fertility and reducing nutrient loss from soil



Improving conditions for beneficial soil micro-organism to colonise



Keeping soil pH constant - stopping large fluctuation of soil pH



Improves the soil structure and helps to loosen compacted soil

## Dosage and Recommendations :-

Crop	Dosage	Usage
Vegetables	0.5 - 0.3 Kg / H / Foliage spray	3 - 4 Treatment
Fruit trees		
Ornamental plants	1.5 - 2 Kg / H / soil drench	
Grape		

## Usage Recommendations :-

- It is dissolved at the following rate (30 grams of Alga600 in 100 liters of water).
- The treatment is done through the irrigation or sprinkler system.
- The transaction takes place every 15-25 days.
- Store in a dry place.
- It is safe for health and the environment and is non-flammable, as it is extracted from an organic substance.
- It accepts mixing with all fertilizers and increases its effectiveness, but it is dissolved with water first before mixing.
- It is recommended to spray early in the morning and at low temperatures.

## Packing :-

Alga600 available in 1 Kg .

