



AGRO HEALING

HEAL THE WORLD

Agro
GreenWay



ALGAE HEALING

RESPECTING NATURE AND ALL LIVING CREATURES

PRODUCT LINES

FOREST REVITALIZATION

FROM NATURE TO NATURE

SOIL AND ASH LANDFILL HEALING

WE HAVE RESPONSIBILITY
TO CARE ABOUT NATURE

WATER HEALING

LIFE WITH FLOW

AGRO HEALING

HEAL THE WORLD

ANIMAL IMMUNITY HEALING

HELP THEM BE HEALTHY

FIRE PROTECTION SOLUTION

NATURE NEEDS OUR HELP



Algae Healing is natural biotechnological solution for revitalization of nature and natural resources.



Main characteristic of **Algae Healing serum** is that with its help, nature itself starts biological processes.



The process of creating serum starts with exploitation of **brown algae (Ascophyllum Nodosum)** that grows in natural environment and in very clean water, on collision of warm and cold currents of the Atlantic Ocean.



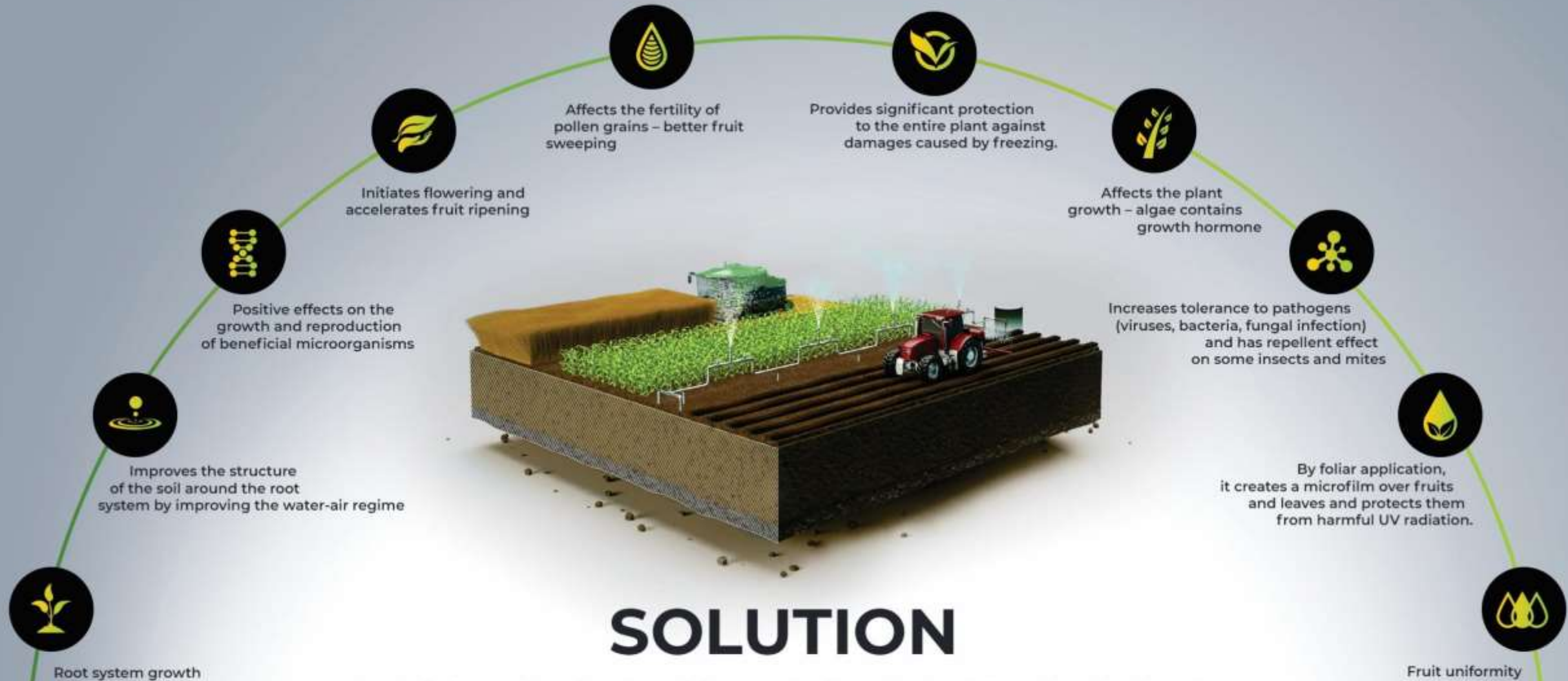
Ascophyllum Nodosum is further subjected to the unique extraction process, where the ultimate goals are solutions that can be called biological drivers.



ORGANIC

All Algae Healing products are serums of brown algae extract with different amount of alginate. The extraction process is what is unique in the world market.

Each product is natural and organic, and made from raw materials safe for human consumption.

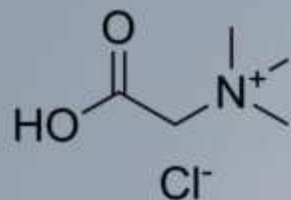


SOLUTION

Agro Healing is a natural, organic product made from extraction of brown algae *Ascophyllum nodosum*. It can be used in conventional as well as in organic agricultural production. There is no withdrawal period, which means that it can be applied at any stage of plant development.

It is important to note that there are no harmful effects on flora and fauna, or humans. Agro Healing is not harmful to the ecosystem.

HOW THE PROCESS TAKES PLACE?



BETAINE

Agro Healing contains various betaines and compounds similar to betaines. Within plants, betaine serves as a compatible solution that alleviates osmotic stress caused by increased soil salinity and drought stress.

Agro Healing provides additional benefits, such as increasing the content of chlorophyll in the plants (due to betaine presence) and improving the process of photosynthesis.



LAMINARIN

Agro Healing increases tolerance to pathogens (viruses, bacteria, fungal infection) and has a repellent effect on some insects and mites. Agro Healing products contain some polysaccharides, such as laminarin.

When these polysaccharides reach the plant, they give signal to the plant to start its defence mechanism. This makes the plant stronger and more ready for possible pathogen attack. It works like a vaccine!



MICROORGANISMS

Agro Healing improves the soil structure around the root system by improving the water-air regime and has a positive effect on the growth and reproduction of beneficial microorganisms. When alginic acid salts are combined with metal ions in the soil, they build macromolecules that absorb moisture and retain soil moisture. This results in better soil aeration and capillary activity of soil pores, by stimulating the growth of the plant's root system. It also increases the availability of nutrients and stimulates the microbial activity of the soil.

PHYSIOLOGICAL REACTION

The lipophilic fraction of Agro Healing serum causes systematic physiological reactions that provide significant protection against frost damage throughout the entire plant.

Sustainability

-4,5°C

Increase

40-60%

Sustainability at -4.5°C increases by 40%-60% and tissue surface damages decreases by 30%-40%. Plasma membrane stability and tissue organization is maintained and the temperature that causes 50% electrolyte leakage is reduced by 3°C.

Increase
sugar
amount

Increase
unsaturated
fatty acids

Membrane
strength

An increase in the amount of sugar and sugar alcohols in the plant before freezing was also confirmed, which indicated an increase in unsaturated fatty acids that tightened the membrane strength and cell function during freezing.

CONFIRMED RESULTS IN THE FOLLOWING CULTURES:

Corn, Wheat, Sunflower

- more stable yields
- greater resistance to diseases
- better quality grains



Silage corn, clover, alfalfa,

- Increased % of crude protein
- Increased % of dry matter



Tomato, pepper, potato

- fruit uniformity
- safer yields
- greater resistance to drought
- greater resistance to diseases
- less burns on the leaves



Fruits

- Greater resistance to abiotic and biotic stresses
- Better coloured fruits
- Better fruit quality and uniformity
- Better rooting



Ornamental plants and forest plants

- Better rooting and resistance to abiotic and biotic stresses
- Less burns on the leaves
- Greater production of green biomass



Success is a science; if you have the conditions, you get the result.

40%

ALFALFA



40% Higher yield at several locations in 2020 and 2021

18%

SOYBEAN



Extreme drought in the first part of the vegetation and extremely high humidity at the end of vegetation. Under such conditions, the use of Agro Healing increased yield by 18% compared to the previous year when Agro Healing was not applied

10%

APPLE



10 % higher yield first class apples

15%

WHEAT



15 % higher yield in 2021

20%

SUNFLOWER



20 % higher yield in 2020

30%

STRAWBERRY



30 % higher yield in 2019





20%

BLUEBERRY



20 % higher yield in 2020-2021

MANUFACTURER'S FINANCIAL BENEFIT

	CULTURE	AREA PER HECTARE	AVERAGE YIELD/ TONS	PRICE €/t	PROFIT €	AGRO HEALING PRICE €/l	AGRO HEALING QUANTITY	% AVERAGE INCREASE IN YIELD	ESTIMATED PROFIT €	DIFFERENCE (Estimated profit vs Investment) €/ha
	SOY	1	3,3	600	1980	20	1	5	2079	79
	SUNFLOWER	1	3,5	450	1575	20	1	5	1654	59
	CORN SILAGE	1	45	25	1125	20	2	10	1238	73
	SUGAR BEET	1	55	340	18700	20	2	10	20570	1830
	APPLE	1	24	350	8400	20	5	7	8995	495
	PEPPERS	1	25	420	10500	20	3	10	11550	990
	PEAS	1	12	500	6000	20	3	15	6900	840

DOSAGE AND APPLICATION METHOD

AGRO HEALING APPLICATION

Agro Healing application is done with tractor sprayers and can be used together with plant protection products, as well as with all types of fertilizers. Dosage depends on the crop and the cultivation method. The most common dose is 1l - 2l per hectare with a consumption of 400l - 1000l of water. The number of treatments depends on the plant species.

THE MOST COMMON DOSE

1-2 l / ha

WATER CONSUMPTION

400 - 1000 l



Agro Healing can be applied to all plant species: fruits, vegetables, field crops, vines, as well as on the ornamental plants and flowers.

WHAT TO EXPECT:

Yields are improved both in quality and in quantity. The increase in yield and qualitative characteristics is influenced by many factors: climatic factors, soil type, method and time of fertilization, etc.

With Agro Healing ensures higher yields, which, according to existing results can increase up to 40% more.

HIGHER YIELDS

40% more