

Datasheet

Physical Aspects

Color	Pink	Formulation	Dissolvable concentrated
Smell	Characteristic from Sample	Action method	Root Foliar Soil Improvement
Physical	Aspect Liquid		

Determination

Physical-Chemical Analysis	Results	Test Date
Auxins	4,89 mg/kg (ppm)	03/11/2021
Gibberellin (GAs)	6,25 mg/kg (ppm)	11/11/2021
Cytokinin	5,00 mg/kg (ppm)	10/11/2021

Determination

Microbiological analysis	Determined Results	Test method
Salmonella spp	Absent in 25 ml	FONDONORMA 1291-04(Accredited)
Coliform	0 CFU/ml	COVENIN 1104-96(Accredited)
Clostridium perfringens	< 1 CFU/ml	COVENIN 1552-93(Accredited)

CFU: Colony Forming Units. (< 1 CFU/ml): No colonies in the present dilution.

Determination

Physical-chemical Analysis	Results	Test Method
Humidity	92.99 % m/m	COVENIN 1156-79
Protein	252 mg/L (ppm)	AOAC 928.02
Ash	4.89% m/m	AOAC 920.153
Chlorine	0.00 mg/L (ppm)	EPA 300.5
pH up to 10%	From 3.90 to 23,6°C	COVENIN 1315-79
Density at 22.8°C	1.0297 g/ml	OIML 6-14

Main Features

Green tide is a concentrated fertilizer 100% organic with bio stimulant action, exclusive for the maximum exploitation of the Kappaphycus Alvarezii algae, it is the result of a patented mechanical extraction of the algae, generating a high amino acid, polysaccharides, macro and micronutrients content, which grants a balanced molecular nutrition to the crops, stimulating natural processes favoring their nutrient absorption and efficiency.

Green tide increases tolerance to abiotic stress in plants and the chlorophyll content in the chloroplasts. Furthermore, it regulates the stomatal aperture in low water availability conditions in the root zones of the crops and it activates several metabolic routes, optimizing the vegetables productive processes.

When applied to the soil, it helps avoiding leaching and nutrient blocking thanks to its chelating action, gaining better nutrient benefits from its roots. Its Concentrated formulation favors its effect with small application doses.

Applications and Compatibility

Green tide is applied through foliar aspersion using enough water to wet all the foliage. It is compatible with most of the commonly used foliar fertilizers and phytosanitary. Nevertheless, it is advised to test compatibility before application. It could be applied by irrigation.

Warnings

All the information gathered in the data sheet is the result of extensive testing and research. Nonetheless, there are numerous aspects which are out of our control (preparation, application, climatology, etc.). The manufacturer guarantees the composition, formulation and content. The user will be responsible for any damage done (Deficiency, general toxicity, waste, etc.) by partial or complete non-compliance of the data sheet. Please avoid using the product with extreme temperatures.

Presentations



Recommendations

Applications		
Crop	Foliar	Irrigation
Fruits and vines		
Blueberry	200 cc per 100 L of water	2000 cc of product for every 1000 L of water
Strawberry	Apply every 15 days in growth stages and weekly in production stages 200 ml per 100 L of water	2 L/H applied by dripping every 15 days.
Fruits	From 3 to 5 times per campaign 200 cc per 100 L of water	Piercing, at fruit set and growth. 3L/H Apply by drip irrigation, repeat 3 times.
Papaya	From budding until harvest, from 2 to 4 applications. Apply 1000 cc per 210 L of water	2 L/H Apply by drip irrigation, repeat 3 times.
Vegetables		
Artichoke	Apply during vegetative growth stages until harvest, 500 cc per 100 L of water. Repeat applications 3 or 4 times.	3 L/H. Apply by drip irrigation, repeat 4 times.
Onion and Garlic	From vegetative growth stages until harvest, 400 cc / 100 L of water	2 L/H Apply by drip irrigation, repeat 3 times.
Asparagus	From Transplantation until the start of the second sprout. 400 cc / 100 L of water, repeat 4 times	3 L/H. Apply by drip irrigation, repeat 3 times.
Vegetables	During the foliage growth from 150 to 200 cc per 100 L of 5 applications	2 L/H Apply by drip irrigation, repeat 3 times.
Pumpkin, Watermelon.	7 days after transplantation	3 L/H. Apply by drip irrigation, repeat 3 times.
Tomato, bell peppers, Aji peppers	From stems until harvest, 4 applications 400 cc / 100 L of water	2 L/H Apply by drip irrigation, repeat 2 times.