***Label***

**ENERGEN ALGAN**

 **auxiliary plant agent**

**Applicant:** EGT system spol. s r.o., Na Kopci 38, 747 81 Otice

**Producer:** AV EKO-COLOR, s.r.o. Peškova 527, 40031 Ústí nad Labem, výroba – Jižní 210, 561 46334 Hrádek nad Nisou

**This auxiliary agent may be applied in organic production of agricultural products as per Council Regulation (EC) no. 834/2007 on organic production and labelling of organic products.**

**Marketing authorisation number: 3388**

**Chemical and physical properties:**

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| **Quality characteristic** | **Value**  |
| **Dry substance in % min** | **25** |
| **Combustible substances in dry substance in % min.** | **45** |
| **pH value**  | **8.0 – 10.0**  |

# Content of risk elements: meets legal limits in mg/1kg Cd 1.0; Pb 10; Hg 1.0; As 10; Cr 50.

**ENERGEN ALGAN** is a liquid concentrate made of fresh seaweed containing N, P, K, S, Mg, Ca, Fe, Na, B, Zn, Mn, Cu, amino acids, alginates, mannitol, laminarin and other substances positively affecting the yield, its quality and increased resistance of plants to drought and cold. **ENERGEN ALGAN** does not contain effective amount of plant nutrients; it shall not substitute fertilisers. It can be mixed with fertilisers, insecticides, fungicides and acaricides. It promotes the formation of fine root hairs. Consequently, it enhances the exploitation of moisture and supplied nutrition. It recovers stands damaged by herbicides, hail or frost. Application to vegetation prior to rapid cooling or a period of drought is recommended. The agent increases the rate of photosynthesis.

**Scope and method of application:**

There is a wide range of **ENERGEN ALGAN** applications. The product is designed to promote the growth of field crops, forest stands, fruit and special crops throughout the entire growth period starting with the formation of leaf area, over the main growing season till flowering and fruit growth.

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| **Application recommendations** | **recommended dosing:** |
| **cereals**  | from 3 leaves until earing | **1 litre /ha in min 100 litres of water** |
| **rape, mustard, poppy**  | from the formation of a leaf rosette until flowering | **1 litre /ha in min 100 litres of water** |
| **sunflower**  | from 20 cm until flowering | **2 litres /ha in min 100 litres of water** |
| **strawberry**  | throughout the growing season until the beginning of fruit ripening and after harvest | **2 litres /ha in min 100 litres of water** |
| **onion**  | from germinating until mid-July | **2 litres /ha in min 100 litres of water** |
| **vegetable**  | in general, from germination until the end of the main growing season | **2 litres /ha in min 100 litres of water** |
| **pea and soya**  | during the main growing season until the beginning of bud formation | **1 litre /ha in min 100 litres of water** |
| **grass and fodder plants**  | throughout the growth | **1 litre /ha in min 100 litres of water** |
| **fruit trees and grapevine**   | repeatedly after blossom fall to fruit during their growth | **3 litres /ha in min 100 litres of water**  |
| **hop**  | from stand height of 3 m until the end of flowering | **3 litres /ha in min 100 litres of water**  |
| **broad-leaved and needle-leaved trees**  | in ornamental and forest nurseries | **3 litres /ha in min 100 litres of water**  |
| **lawns**  | in growing season | **1 litre /ha in min 100 litres of water** |
| As a maximum dose, 5 litres per ha is only recommended for very poor stands. Half the dose applies to cereals and rape in a very good condition.. |

The agent can be combined with liquid fertilisers of DAM type. When combining the agent with other agents, it is always absolutely essential to admix the agents while stirring; at least 70% of the sprayer must be filled with water! When combining the product with other liquid fertilisers, carrying out a coagulability test is recommended. Pesticides shall first be combined (after consulting their producers) in a small volume (e.g. in 0.1 litre). For the sake of prevention, it is recommended (when combining the product with other agents and fertilisers) to proceed with the application within 15 hours after mixing. Agent dose measuring aids shall only be used for this purpose!!! The protection period depends on the pesticide the agent is admixed to. The producer shall not be liable for any damage caused by improper use of the agent!

***The product is harmless to bees.***

**Instructions for health and safety at work**

P102 Keep out of children’s reach.

P270 Do not eat and smoke when using this product.

P262 Avoid contact with eyes, skin or clothes.

P305+P351+P338 UPON EYE CONTACT: rinse carefully with water for several minutes. Remove contact lens (if any), if the lens can be removed easily. Continue rinsing.

P337+P313 For ongoing eye irritation: Seek out medical help.

P280 Make use of protective gloves/protective clothes/goggles/face mask.

P301+P330+P331+P315 UPON INGESTION: Rinse the mouth. DO NOT INDUCE vomiting. Immediately seek out medical help

P303+P352 UPON SKIN CONTACT: Wash with a large amount of water and soap.

**In more serious cases, upon ingestion and eye contact, always seek medical help.**

**Storage:** Store in separate rooms, approved for such purpose, protected from weather effects. Containers shall be kept in cold well-ventilated places at the temperatures ranging between 5 and 20°C. Containers shall be tightly closed and sealed until used. The agent is not classified as hazardous as per Act no. 157/1999 Coll.

**Transport:** the product shall be transported by covered means of transport. The transport is subject to common carrier regulations. During transport, the products shall be protected from heavy frost.

**Information concerning the disposal of waste and product packaging:** Empty product packages shall be rinsed with sufficient amount of water so that the minimum recommended solution for application is reached. The solution shall be applied solely in the area treated. Empty packages may be returned to the producer for reuse, or dumped in separated waste, or may be handed over to persons authorized for the disposal of hazardous waste. The remainders of further unusable product (even deteriorated in any way) that cannot be used as the product, as well as packages contaminated by unusable, impaired product shall be disposed of as hazardous waste, shall not be discharged into sewage system, water courses and sources of drinking water, and shall be submitted at places reserved for this purpose by state authorities.

**Guarantee period of the agent is 24 months.**

**The product is delivered packed.**

**Volume:**

**Date of production**