

ENERGEN ACTIVATOR – Plant Aid Preparative

Producer EGT system spol. s r.o. (Ltd) Opava, Kateřinky, 1669/4B U Cukrovaru Street, Postal Code 747 05

Registration ruling number: 3141

Chemical and physical characteristics:	Value:
Moisture in % max.	75
Burnable substances in dry mass in % min.	70
Humic substances and their salts in % min.	13
Mixture of oligopeptides and amino acids in % min.	10
pH value	6,5 to 8,5

The hazardous elements content meets the limits set down by the law (mg/kg): cadmium 1, 0; led 10; mercury 1, 0; arsenic 10; chromium 50

ENERGEN ACTIVATOR further comprises a surfactant with adhesive effect, extracts from seaweed – adaptogens and other root system and formation of lateral branches supporting substances. It does not replace the basic fertilisation.

Scope and method of application

ENERGEN ACTIVATOR is intended to support **young plant** growth - grain, rape, mustard, sugar-beet, poppies, potatoes, onions, legumes, maize, deciduous and coniferous trees and other plants such as hop-plants and grapevine. It supports formation of fine root hair. As the result it increases use of moisture and supplied nutrition. It regenerates herbicide damaged vegetation, and increases the photosynthesis performance. The product is harmless to bees. More information on the product and methodology is available on www.energen.info and in the following table.

Rape and winter grain	Mustard, sugar-beet, poppies, onion, legumes and spring grain	Grain and silage maize	Potatoes	Grapevine	Hops
From sprouting till end of October dosing: 0,5 - 1 l/ha.	ENERGEN ACTIVATOR dosing of 1 l/ha. Use on young plants from sprouting to 6 true-leave growth stage. It is beneficial to repeat the spray on onions and legumes – dosing 1, 5 l/ha.	ENERGEN ACTIVATOR dosing 1 l/ha. Apply from sowing time to stage BBCH 18.	Apply ENERGEN ACTIVATOR after planting during the period of emergence, foliage creation and vegetative growth, max. to the stage BBCH 40 - 1, dosing 1 l/ha.	Apply ENERGEN ACTIVATOR OR From 15.7. to 15.8. on grapes during active growth, dosing 1 to 2 l/ha	Apply ENERGEN ACTIVATOR preferably on young, 1 year old outplantings and weaker 2 year outplantings: dosing 2 l/ha. From the beginning to the end of May.
After winter regeneration dosing: 0,5 - 1 l/ha					
The lower recommended dose limit applies to grain and rape growth in good condition = 0,5 litre/ha	Use 1x 1l/ha ENERGEN ACTIVATOR on sugar-beet NK and NC types, where the yield is root created. Follow up with 1 application of ENERGEN FOLIAR by dosing 1 l/ha.				

Instructions for use – recommended dosing: generally 1 litre/ ha in minimally 100 litres of water or N fertiliser. We recommend at least 0, 5 l/ha for grain. A half dose will suffice on properly established grain, rape and mustard vegetation. As the maximum dose we recommend 2 litres per ha but applicable only in case of badly devastated vegetation. For more detailed directions for use and to read methodologies applicable to all cultivated plants visit our website www.energen.info. Combination with liquid fertilisers such as DAM, AGROSAN and DUMAG is possible. When admixing with other preparative it is absolutely essential that the mixed preparative is added under continuous stirring into a sprayer which is at least 70 % filled with water! When combining with other liquid fertilisers we recommend that a coagulation test is carried out first. When combining with pesticides, and after consulting its respective manufacturer, we recommend that a small volume test is carried out (i.e. using 0, 1 l.). We also recommend as a preventative measure (when combining with other preparative and fertilisers) to proceed with the application within 15 hours of mixing. Use the accessories and the measuring devices only for the purpose they are provided for! The product protection period is depended on the type of pesticide to which it is being added to. The manufacturer is not responsible for damages caused by incorrect use of the preparative!

Instructions for safety and health protection at work:

Xi



Irritant

Xi – Irritant.

R-phrases: R36/38 Irritating to eyes and skin.

S-phrases: S2 Keep out of reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water.

S37/39 Wear suitable gloves and eye/face protection.

First aid instructions:

General instructions: In the event of health effects or in case of doubt notify medical assistance. If unconscious, turn him/her to a stabilised position onto his/her side, and never administer anything orally.

When inhaled: Remove the casualty to fresh air. In case of breathing difficulties apply oxygen. In the absence of breathing administer artificial respiration. Call medical assistance.

When in contact with skin: Remove contaminated clothing and footwear; wash exposed areas of the body with plenty of water. Footwear to be well cleaned and the clothing washed before used again. Call medical assistance.

If case of affected eyes: Immediately irrigate the eye(s) thoroughly with a stream of water for at least 15 minutes with open eyelids. Remove contact lenses. In case of irritation consult medical assistance.

When ingested: Administer 0,5 l water; do not induce vomiting, unless it is explicitly recommended by a medical doctor. Call medical assistance in the presence of unwellness symptoms.

Storage: Store in separate and for the purpose approved premises, protected against atmospheric influences. Keep the containers in cold, well ventilated place at the temperatures ranging between 5-25 °C. Keep the containers tightly closed and sealed until usage. In terms of the enactment no. 157/1999 Coll. the preparative is not classified as hazardous.

Transport: The preparative is to be transported by transportation means which are enclosed. The public transporter rules apply for transportation. Protect against severe frost during transportation.

Information on waste and product packaging liquidation: Rinse the product's empty containers to achieve at least the recommended dilution ratio applicable to the preparative. Such obtained dilution must be applied only on the ground under treatment. The empty containers can be returned to the manufacturer for reuse or put into a separate waste outlet, or handed over to persons authorised to liquidate dangerous waste. Undiluted and unusable residue of the product (regardless in whichever manner it was made unusable), as well as the product covers contaminated with the unusable preparative **fall under hazardous waste**; the preparative must not get into canalisation, water ways or potable water supply sources, and must be returned at places so designated by the state administration organs.

The preparative **guarantee period** is 24 months.

The product is supplied packed.

Volume:

Date of manufacture is marked on the product.