

ENERGEN FRUKTUS - 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: 3140

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; lead 10; mercury 1, 0; arsenic 10; chromium 50

ENERGEN FRUKTUS further comprises extracts from seaweed – adaptogens, a surfactant with adhesive effect and other components improving penetration of active substances and nutrition through membranes, as well as yield creation supporting substances. It does not replace the basic fertilisation.

Scope and method of application

ENERGEN FRUKTUS is intended for the period **before and after field cultures blossom** – grain, rape, mustard, poppies, maize, legumes, fruit woody plants and grapevine. It is further intended for application during the **spell of draughts** (end June to July) as well as for application on sugar-beet. The product is to be applied as follows: on grain from the beginning of heading until the milky ripe stage; on rape and mustard in the period from the bud to pod formation; on poppies from the polled tetrads to blossom stages; on sunflower from the 45 cm high growth until bud formation; on grapevine when the grapes are pea size, until 3 weeks before the harvest time; in orchards on young fruit during the period of growth; on onion from mid. June to mid July; on green peas from the time of bud formation till the full flowering stage; on deciduous trees and conifer trees and shrubs at ornamental and forest nurseries. The product maintains the plants photosynthesis process also during inclement weather, and is beneficial for the seed and fruit growth. It increases tolerance towards dry atmosphere, and improves utilisation of applied foliage nourishment and pesticide sprays. The product is harmless to bees. More information on the product and methodology is available on www.energen.info and in the following table.

Instructions for use – recommended dosing: generally 1 litre/ ha in minimally 100 litres of water. We recommend at least 0, 5 l/ha for grain. A half dose will suffice on properly established grain, rape, mustard and unstressed vegetation.

As the maximum dose we recommend 2 litres per ha but applicable only in case of badly devastated vegetation. 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. For detailed directions for use and to read methodologies applicable to all cultivated plants visit our website www.energen.info. 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 recommend as a preventative measure (when combining with other preparative and fertilisers) to proceed with the application within 15 hours of mixing. Rinse the container well with water and pour the preparative leftover into the sprayer. Use 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.