

**ENSIN®**  
**EC FERTILIZER**

**Composition, properties, appearance:**

Granular nitrogen fertilizer containing sulphur and nitrification inhibitors dicyandiamide DCD and 1,2,4 triazole – TZ. The granulate are treated by coating agent and have green colour. The nitrification inhibitors ensure transformation of ammonium nitrate to nitrogen nitrate in the soil. The advantages of ENSIN® usage compared to DASA® 26/13:

- the fertilizer is applied in 1 dosage - re-application of fertilizer is not necessary, farmers save the time and
- money,
- increase the crop yields and allows better quality of crops,
- fertilizer is specially environment friendly, reduces nitrate leaching and reduces emissions of nitrous oxide to the atmosphere.

**Technical specification:**

total nitrogen (N) content	26 % by weight
ammoniacal nitrogen content	18.5 % by weight
nitric nitrogen content	7.5 % by weight
water-soluble sulphur (S) content	13 % by weight
dicyandiamid (DCD)+1,2,4- triazole (TZ)	(0.37-0.74) % by weight
DCD:TZ	10:1

**Grain-size distribution:**

content of particles from 2 mm to 5 mm	min. 90 % by weight
content of particles under 1 mm	max. 1 % by weight
content of particles over 10 mm	0 % by weight

**Application:**

The nitrogen fertilizer with higher sulphur content is suitable for basic fertilization as well as for additional fertilization of crops with high demand on sulphur such as colza, sunflowers, root crops, cereals and vegetables, mainly onion and cabbage vegetables.

**Benchmark dosing in kg per ha:**

COMMODITY	REGENERATIVE FERTILIZATION	PRODUCTIVE FERTILIZATION
wheat	230-380	230-380
rape	460-760	
potatoes	460-540	
maize	500-760	

The recommended doses are informative, it is necessary to respect the soil nutrient supplies, expected yield and possibilities to combine the fertilizer with other fertilizer types.

**Package:**

The fertilizer is packed into polyethylene bags containing 25 kg of the fertilizer, eventually in big bags containing 1 000 kg of fertilizer.

**Storage:**

Packed fertilizer must be stored in original undamaged and closed containers, separately from foodstuffs, drinks, feedstuffs, pesticides and their containers. Bulk fertilizer must be stored in separated and marked boxes, in dry, well ventilable and closed storerooms.

The given data are only of an informative character and are not comprehensive. Further information can be obtained:

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