

# EliGrain-a

Spring barley



## Protecting your spring barley yields from drought stress

EliGrain-a harnesses the unique properties of phytosterols. These are natural substances which, when applied preventatively, enhance plants' ability to withstand critical periods of water scarcity, extending this resilience until harvest.

Its distinctive mode of action helps plants maximise water efficiency. By eliciting natural protective mechanisms, EliGrain-a mitigates the impact of drought stress, thereby preserving the quality of the crop.



**Performance**  
Maximises your yields



**Peace of mind**  
Safeguards your investments



**Resilience**  
Single application with long-lasting effects

Increased root growth, allowing better access to soil water resources

Reduced senescence after application, preserving above-ground biomass

Preservation of spike density during early water stress at the stem elongation stage



Maintained spike fertility during periods of high sensitivity to water stress

Improved grain quality criteria: calibration and protein content for maximum value to the brewing industry

Yield  
**+0,34**  
T/ha\*

Ear fertility  
**+10%\***

Water savings  
**20%\*\***

\*Consistently observed average yield gains 2023-2024

\*\*thanks to improved water use efficiency

## Long-lasting effects and proven results

✦ Effects of EliGrain-a observed up to harvest

1 Root and foliar stimulation



2 Enhanced resistance to water stress: delayed leaf yellowing, denser vegetation cover



3 Improved spike fertility





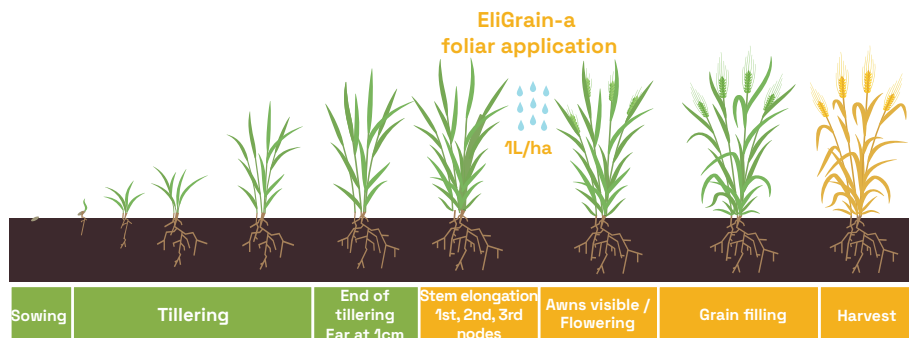
- ▶ Plant biostimulant
- ▶ Active substance: phytosterols
- ▶ Formulation: SE
- ▶ Type of application: foliar spraying
- ▶ Not classified
- ▶ Packaging: 5L, 20L

## Prerequisites and recommendations

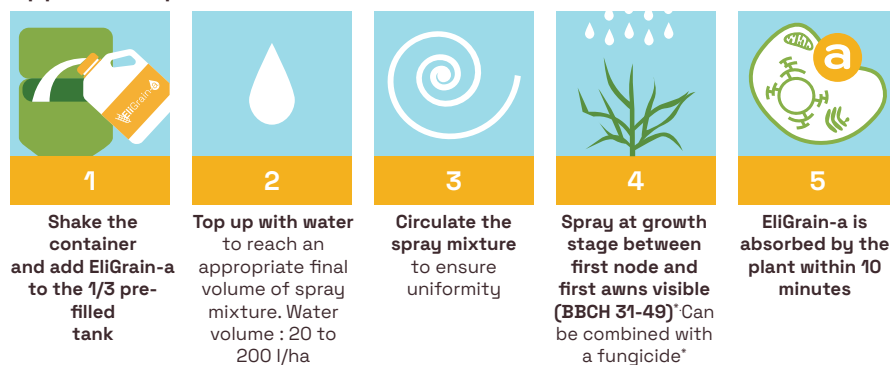
- ▶ Follow to the application protocol, including dosage and growth stage

EliGrain-a does not possess fertilisation or nutritional properties. EliGrain-a is intended for use on healthy plants without deficiencies in nitrogen, phosphorus or other nutrients.

## A single preventative application



## Application protocol



## Recommended conditions for use

Crop	Dose (L/ha)	Number of applications/year	Application stage
Spring barley	1	1	First node to first awns visible (BBCH 31-49)

## Precautions

- ▶ EliGrain-a can be mixed in a spray tank with certain products, such as fungicides from the SDHI family, triazoles and strobilurins. For additional information regarding compatibility concerns, please consult your technical advisor.
- ▶ The application must be carried out in conditions favourable to growth: no wind, at least 60% humidity and temperature between 5 °C and 25 °C.

\*The application must be followed by a 2-hour rain-free period. Avoid frost within 24 hours before or after.



ELICIT PLANT - 1 passage de la Croix - Le Châtaignier  
16220 MOULINS-SUR-TARDOIRE - France

**EliGrain-a®:** Liquid suspo-emulsion (SE) containing phytosterols. Produced and distributed by: Elicit Plant SAS - Authorised crops and uses: cereals. EliGrain-a® is a non-microbial plant biostimulant (PFC 6.B) aiming to increase yields under drought stress conditions. Maximum dosage: 1 l/ha. Maximum number of applications: 1/year (BBCH stages 31-39). **CE** DE.2561

**Classification:** Product not classified according to Regulation (EC) No. 1272/2008.

**Safety instructions:** P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P273: Avoid release to the environment. P501: Dispose of contents/container in accordance with local regulations.