



Vixeran®

syngenta®

VIXERAN® contains the endophytic bacterium *Azotobacter salinestris* strain CECT 9690, which fixes atmospheric nitrogen (N) and converts it into a form that can be absorbed by the plants. The bacteria will colonise both the leaf and the root, improving crop growth, yield, and quality of the crops.

Manufacturer	Distributor
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In case of toxic or transport emergency ring +44 (0) 1484 538444 any time

PROTECT FROM FROST. SHAKE WELL BEFORE USE.

SAFETY PRECAUTIONS

(a) Operator protection

Keep out of the reach of children.

Do not breathe dust.

Do not eat, drink or smoke during use.

Do not ingest. In case of contact with the eyes and/or mucous membranes, wash the affected area with plenty of water.

Contains microorganisms. May cause sensitisation reactions. The use of respiratory protection equipment (disposable respirator or filtering mask, at least EN 149FFP3 or equivalent) is recommended when handling the preparation or applying the product.

Avoid contact with skin and eyes.

Apply with appropriate health precautions and do respect safety practices. Use appropriate personal protective equipment and wash hands after using the product.

(b) Environmental Protection

Do not exceed the recommended dose rates.

Do not contaminate water with the product or its container. Do not clean application equipment near surface water.

Avoid contamination via drains from farmyards and roads.

(c) Storage and disposal

Product is stable under storage and disposal conditions.

Keep containers tightly closed and in original containers when not in use in fresh and well aerated location, with temperature between 5° and 35° C.

Avoid direct sunlight and other heat sources.

The product is not combustible.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times.

Add washings to sprayer at time of filling and dispose of safely.

250 g

Product names marked ® or ™, the ALLIANCE FRAME
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COMPOSITION

L1133615 IREL/02D

Azotobacter salinestris strain CECT 9690 at 1×10^7 CFU/g as a wettable powder.

DIRECTIONS FOR USE

BEFORE APPLYING THE PRODUCT, READ THE LABEL CAREFULLY.

GENERAL INFORMATION

VIXERAN® contains the endophytic bacterium *Azotobacter salinestris* strain CECT 9690, which fixes atmospheric nitrogen (N) and converts it into a form that can be absorbed by the plants. The bacteria will colonise both the leaf and the root, improving crop growth, yield, and quality of the crops.

Dose and Application Methods

VIXERAN® can be applied to a wide range of crops including, but not limited to arable, potato, grass, field vegetables and cover crops.

Foliar spray application

It is important that both the crop and the soil are not covered when spraying, to ensure the product can colonise both the leaves and the roots. Generally, VIXERAN® can be applied during the whole crop's growth cycle however, we recommend the following timing of application:

Crop	Dose rate	Recommended timing of applications	Recommended number of applications	Recommended water volume (lt/ha)
Cereals	50 g/ha	GS13-16 (three leaves unfolded - six leaves unfolded) GS22-33 (two tillers detectable - node three at least 2cm above node 2)	1 to 2	100-400
Pulses		GS16 (six leaves unfolded) to start of flowering	1	
Maize		GS12-16 (two leaves unfolded - six leaves unfolded)	1	
Oilseed rape		GS11-16 (first leaf unfolded - six leaves unfolded) GS29-31 (End of shoot development - one visibly extended internode)	1 to 2	
Potato		From in-furrow to start of flowering	1 to 3	
Sugar beet		GS12-16 (two leaves unfolded - six leaves unfolded)	1	
Cover crops		1 week post emergence	1	
Permanent grassland		Early spring, then 1 week after every cut	1 to 4	

TANK MIXING

VIXERAN® is compatible with many fertilisers, biostimulants and crop protection products. For more information, please contact the manufacturer. Check the compatibility list on the website: www.syngenta.co.uk. Dilute any tank mix products with water first before adding the VIXERAN®.

FOLLOWING CROPS

There are no restrictions on crops following an application of VIXERAN® in the previous season.

MIXING

When preparing VIXERAN® for application:

- Gradually pour the VIXERAN® into the spray solution, stirring continuously to achieve a uniform suspension.
- It is recommended to pre-dilute VIXERAN® with a small quantity of water prior to pouring into the spray tank.
- The spray mix must be kept agitated during mixing and application.
- Avoid low water temperatures below 5°C.

APPLICATION

For best results:

- Ensure good leaf coverage.
- The crop must be actively growing at the time of application.
- Do not apply when air temperature is below 5°C
- Low average day temperatures (less than 10°C) post application will reduce colonisation speed.

After spraying

Thoroughly wash all spray equipment with water immediately after use.

COMPANY ADVISORY INFORMATION

The manufacturer guarantees the composition, formulation and content and the user will be responsible for damages caused by total or partial non-observance of the label instructions.

To access the Safety Data Sheet for this product, scan QR code:
Alternatively, contact your supplier.

