



BELCHIM
C R O P P R O T E C T I O N

SPIKE 125 SC

Version and date: Version 1 Spring 2018

Changes since last version: New product



This label is compliant with the CPA Voluntary Initiative Guidance

FORMULATION AND ACTIVE INGREDIENT: A suspension concentrate containing 125 g/L (12.5% w/w) epoxiconazole. A systemic fungicide for use in winter wheat, spring wheat, winter barley, spring barley, triticale and rye.

PACK SIZE: 1 – 10L

MAPP No. 18377



**PROTECT FROM FROST
SHAKE WELL BEFORE USE**

IMPORTANT INFORMATION			
FOR USE ONLY AS A PROFESSIONAL AGRICULTURAL FUNGICIDE			
Crops/situations	Max. individual dose: (L product/ha)	Max. total dose per crop (L product/ha/crop)	Latest time of application
Rye, triticale, wheat	1	2	Up to and including flowering (anthesis) just complete (GS 69)
Barley	1	2	Up to and including emergence of ear just complete (GS 59)

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL IS AN OFFENCE. FOLLOW THE ODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

		Spike 125 SC	A suspension concentrate containing 125 g/L (12.5% w/w) epoxiconazole
DANGER		H315	Causes skin irritation
		H332	Harmful if inhaled
		H351	Suspected of causing cancer
		H360Df	May damage the unborn child. Suspected of damaging fertility
		H410	Very toxic to aquatic life with long lasting effects
		P102	Keep out of reach of children
		P201	Obtain special instructions before use.
		P261	Avoid breathing dust or spray
		P263	Avoid contact during pregnancy/while nursing
		P270	Do not eat, drink or smoke when using this product.
		P272	Contaminated work clothing should not be allowed out of the workplace
		P280	Wear protective gloves, protective clothing, eye protection, face protection
		P302+P352	IF ON SKIN: Wash with plenty of soap and water
		P308+P313	IF exposed or concerned: Get medical advice/attention
		P391	Collect spillage
		P501	Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste
		EUH401	To avoid risks to human health and the environment comply with the instructions for use.
		SP1	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).

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection

- WHEN USING DO NOT EAT, DRINK OR SMOKE.
- WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

- Do not contaminate surface waters or ditches with chemical or used container.
- DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.
- This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Storage and Disposal

- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
- KEEP OUT OF REACH OF CHILDREN.
- 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.
- Store in a suitable pesticide store. Keep dry and protect from frost.

DIRECTIONS FOR USE

IMPORTANT:

This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS/WARNINGS

This product may cause damage to broad-leaved plant species.

Avoid spray drift on to neighbouring crops.

Wash equipment thoroughly after use.

Consult processor before use.

When applied to barley intended for malting, refer to the latest timing restrictions for epoxiconazole given by the British Beer and Pub Association.

DISEASE CONTROL

SPIKE 125 SC is a systemic fungicide with protectant properties for the control of brown and yellow rusts on winter barley, spring barley, winter wheat, spring wheat, rye and triticale. SPIKE 125 SC also provides good reduction of *Fusarium* ear blight and reduction of sooty moulds (*Cladosporium*, *Botrytis*) on the ears of winter and spring wheat.

RESISTANCE

Strains of certain cereal diseases with decreased sensitivity to triazole fungicides are known to exist in the UK. Where these occur or develop SPIKE 125 SC may not give satisfactory control.

SPIKE 125 SC contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor, and visit the FRAG-UK website.

CROPS

SPIKE 125 SC is a systemic fungicide for use in winter wheat, spring wheat, winter barley, spring barley, triticale and rye.

Time of Application

Apply SPIKE 125 SC at the start of foliar disease attack. A maximum of two applications can be made up to and including flowering just complete in winter and spring wheat, rye and triticale and up to and including emergence of ear just complete in winter and spring barley. For protection against *Fusarium* ear blight and sooty mould on the ears of winter and spring wheat, apply SPIKE 125 SC during ear emergence.

A follow-up treatment may be necessary if conditions continue to favour disease development.

Rate of Application

Apply 1 litre SPIKE 125 SC in a minimum of 200 litres of water per hectare.

FOLLOWING CROPS

After treating a cereal crop with SPIKE 125 SC, oilseed rape, cereals, sugar beet, maize, clover, dwarf French beans, field beans, peas, carrots, potatoes, lettuce, cabbage, sunflower, ryegrass and onions may be sown as the following crops. The effect of SPIKE 125 SC on other crops has not been assessed.

MIXING AND SPRAYING

Apply as a MEDIUM spray, as defined by BCPC.

Half fill the spray tank with clean water and start the agitation. SHAKE THE CONTAINER WELL before use and pour in the required amount of product. Rinse any empty containers thoroughly and add rinsings to the spray tank. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

COMPATIBILITY

The following mixtures are known to be incompatible:

SPIKE 125 SC + products containing mecoprop-p + products containing metsulfuron-methyl

SPIKE 125 SC + products containing fenoxaprop

SPIKE 125 SC + products containing fluroxypyr

Some crop scorch or reduction in biomass may be noted with mixtures with products containing metsulfuron-methyl and/or thifensulfuron-methyl (Winter wheat only. Not recommended in barley).

All tank mixes should be used immediately after mixing. Avoid overlapping spray swaths. Check with your distributor for the most up-to-date information.

THE FOLLOWING DOES NOT FORM PART OF THE PRODUCT LABEL UNDER THE CONTROL OF PESTICIDES REGULATIONS 1986.

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop- and use-connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the label recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

TECHNICAL ENQUIRIES:	01480 403333
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