

# life scientific

ENGINEERED BENEFITS

LS PYRAC®



LS PYRAC contains 200 g/l pyraclostrobin and is a selective systemic fungicide with protectant, curative and translaminar properties.

It is a reverse-engineered Comet 200.

LS PYRAC is an emulsifiable concentrate formulation suitable for tank-mixing with a range of fungicides to provide effective control of key diseases in cereals. It is a fully optimised formulation so no additional surfactant is required.

For more information including product label, safety data sheet and compatible tank mixes see the Life Scientific website

<https://ie.lifescientific.com/#products>

or download the App to get product information direct to your phone.

## Approved Uses

LS PYRAC is approved with PCS number 06844.

Pyraclostrobin, the active ingredient in LS PYRAC, is a strobilurin (QoI) fungicide (FRAC Group 11). It has curative and protectant activity against key diseases in winter and spring wheat, barley, oats, rye and triticale, and is especially strong on rusts.

CROP	MAX IND. DOSE (litres/Ha)	MAX NO. OF TREATMENTS (per crop)	LATEST TIME OF APPLICATION
Winter and spring wheat, rye and triticale	1.25	2	Before watery ripe stage (BBCH 71)
Winter and spring barley, winter and spring oats	1.25	2	Before end of heading (BBCH 59)

Apply LS PYRAC in a minimum of 200 litres of water per hectare.

The maximum concentration must not exceed 1.25 litres of product in 200 litres of water.

See label text for specific directions for use and safety information.

# Activity

## Barley

	Brown rust	Net blotch	Rhynchosporium
Azoxystrobin	3	1	1
Pyraclostrobin	4	2	2
Trifloxystrobin	3	Label claim	2

## Wheat

	<i>Septoria tritici</i>	Yellow rust	Brown rust
Azoxystrobin	1	3	4
Pyraclostrobin	1	4	5
Trifloxystrobin	1	2	2

Source AHDB

Fungicide activity ratings were published for barley and wheat in April 2023 based on trials work conducted by AHDB. Ratings for trifloxystrobin were based on limited or old data and the active ingredient was not tested in their trials against net blotch.

Pyraclostrobin is rated as the strongest strobilurin in wheat and barley, with 4 being the highest level of control in barley and 5 being the highest level of control in wheat.

LS PYRAC is curative and protectant but, for optimum disease control, the product should be applied at the first sign of disease and before it is established in the crop.

The active ingredient has systemic and translaminar movement, meaning that it offers good coverage and activity against key diseases in the plant, but LS PYRAC does not just give good disease control.

In addition, LS PYRAC's label states that the product may give increased grain yields, even in the absence of visual disease symptoms, due to pyraclostrobin's effects on the plant such as promoting greener leaves and delaying senescence. Work conducted by ADAS has also shown pyraclostrobin to improve nitrogen assimilation and light use efficiency.

LS PYRAC contains a strobilurin (QoI) fungicide. In order to avoid the development of resistance, the Fungicide Resistance Action Committee's guidelines should be followed:

- Apply QoI fungicides always in mixtures with non cross-resistant fungicides to control cereal pathogens. At the rate chosen, the respective partner(s) on its/their own has/have to provide effective disease control.
- Apply a maximum of two QoI fungicide containing sprays per cereal crop. Limiting the number of sprays is an important factor in delaying the build-up of resistant pathogen populations.
- Apply QoI fungicides according to the manufacturers' recommendations for the target disease (or complex) at the specific growth stage indicated.
- Apply the QoI fungicide preventatively, or as early as possible, in the disease cycle. Do not rely on the curative potential of QoI fungicides.

## About Life Scientific

We specialise in bringing high quality off-patent crop protection products to market. Our goal is to give our customers better options to meet their plant protection needs.

So if it's under the Life Scientific brand you can be confident it's as effective as the current leading standards in the market.

**For product queries in the UK, call our new free phone helpline 0800 044 5025 or email [infoUK@lifescientific.com](mailto:infoUK@lifescientific.com)**

LS PYRAC is a registered trademark of Life Scientific. LS PYRAC contains pyraclostrobin.

All other products are those of other manufacturers where proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.lifescientific.com](http://www.lifescientific.com)