

# lifescientific

ENGINEERED BENEFITS

BOSCLER®



## BOSCLER

BOSCLER is a water dispersible granule formulation containing 50% w/w boscalid and is a systemic and protectant fungicide for early and late season disease control in oilseed rape. It has been reverse-engineered from Filan.

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

<https://lifescientific.com/products>

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

## The product

BOSCLER contains boscalid, an SDHI fungicide. It is approved for control of *Sclerotinia sclerotiorum* and Dark leaf and pod spot (*Alternaria brassicae*) in oilseed rape. A reduction in Phoma leaf spot and stem canker may also be obtained.

CROP	MAX IND. DOSE	MAX TOTAL DOSE	LATEST TIMING OF APPLICATION
Oilseed rape	0.5 kg/Ha	1.0 kg/Ha	50% of pods at final size (GS 75 BBCH)

For use against *Sclerotinia*, apply BOSCLER at 0.5 kg/Ha as a protectant spray in disease risk situations from early to full flowering (GS 63-65 BBCH) and before disease symptoms are seen in the crop.

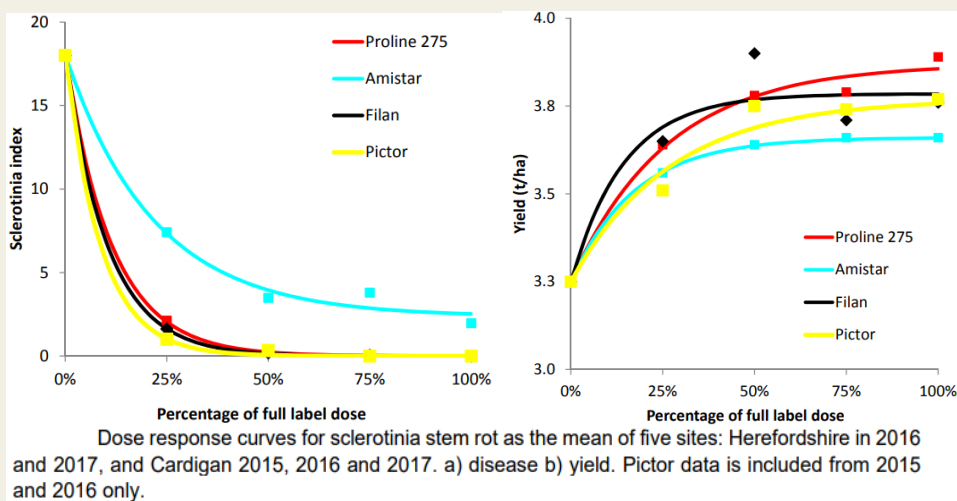
# Sclerotinia

BOSCLER contains the SDHI fungicide boscalid. Boscalid is very effective at controlling the key flowering disease of oilseed rape, *Sclerotinia sclerotiorum*. In conducive conditions, Sclerotinia can be very damaging to oilseed rape by stopping movement of water and nutrition through the plant's vascular system. In extreme circumstances, the plant can die and oilseed rape yields can be reduced by 50%.

Whilst oilseed rape can be significantly affected by the disease, other crops are susceptible to Sclerotinia such as potatoes, peas and a range of vegetables, so it is important to control the disease to protect other crops in the rotation. Sclerotinia infects crops in the spring when the fungal sclerotia release spores. If these spores land on the plant they can further infect and spread. Highest risk is when the crop is in flower as the spores use the petals and pollen as a food source in order to develop. Damage occurs when the stem becomes infected, leading to constricted stems and lodging. Sclerotinia needs a combination of factors to cause most damage, including a period of warm humid weather and the right crop stage (flowering).

Fortunately, the disease can be controlled effectively with a protectant fungicide such as BOSCLER applied when there is a disease risk, usually before mid-flowering. AHDB publish infection risk alerts based on weather which can help with correct fungicide timing. If there is a long period of infection risk, a two-spray programme may be needed. Although there is no known resistance to fungicides in Sclerotinia in the UK, it makes sense to mix BOSCLER with a fungicide with a different mode of action to help prevent resistance developing.

AHDB have included boscalid (in the product Filan) in the fungicide performance Sclerotinia trials. AHDB's results below show boscalid to be very effective against the disease. The fungicide performance trials on Light Leaf Spot also show boscalid to have useful activity, helping to protect against this disease from the Sclerotinia timing.



Source: Fungicides for sclerotinia stem rot control in winter oilseed rape. AHDB February 2018

Boscalid is also known to help the plant stay greener for longer. Green leaves and pods both contribute to seed fill and are important to maximise yield potential.

## 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)**

BOSCLER is a registered trademark of Life Scientific. BOSCLER contains boscalid.

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)