



## RECOMMENDED LISTS

### **AHDB Recommended Lists (RL) for cereals and oilseeds: oilseed trials fungicide protocol**

This protocol was believed to comply with relevant agrochemical, environmental and other regulations at the time of writing but it is the responsibility of the contractor to ensure that it continues to comply. In the event of non-compliance the protocol should not be followed but the Field Trials Manager should be notified at once of how the protocol requirements would breach regulations.

Any deviation from this protocol other than under the circumstances described above may result in a breach of contract and should be agreed in advance.

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# Appendix 1 - Fungicide and Early Insecticide Protocol

## Introduction

Recommendations by Paul Gosling, BASIS Registration number R/E/8107/IFM.

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This programme is for use on AHDB Recommended List and National List winter oilseed rape trials in 2024:

- For spring and summer applications to trials for harvest 2024
- For autumn applications to trials to be harvested in 2025

It is an experimental protocol and is designed to meet the protocol aim of keeping disease levels in treated plots as low as is possible in all varieties and in all trials. It is not intended to follow commercial practice.

Please note that most treatments are compulsory, and the rates and timings specified should be adhered to as closely as possible. The protocol is robust and, if applied correctly, should be effective. **If, however, disease levels rise above 5% (e.g., if weather conditions do not allow optimal application), please contact Mark Bollebakker (RL) or Jeremy Widdowson (NL) to discuss an appropriate course of action.**

Fungicides should be applied at the stated dose rates unless agreed otherwise with the regional advisors via the RL Trials Co-ordinator. Changes to dose rates will only be sanctioned in exceptional circumstances.

Please contact the RL Trials Co-ordinator or NL Co-ordinator if you have any difficulty in sourcing a particular product.

In some cases, two or more products may be available from a company with the same active substances and formulation; if you wish to use such a product and it is not listed in this protocol, contact the RL Trials Co-ordinator or NL Co-ordinator. Generic products should be avoided as they may contain the same active substances but in a different formulation.

**Important:** Every care has been taken to ensure that all mixtures, rates and timings are approved, meeting COSSH regulations and manufacturer's guidelines. However, it is the responsibility of the Trial Manager to ensure that they meet all current regulations at the time of application. The Trials Co-ordinators should be notified of any conflict between the protocol and current regulations.

**Products, active substances, and manufacturers**

<b>Product</b>	<b>Type</b>	<b>Active substance</b>	<b>Amount of active substance</b>	<b>Manufacturer</b>
Shepherd	Fungicide	Boscalid + pyraclostrobin	250:150 g/l	BASF
Pictor	Fungicide	Boscalid + dimoxystrobin	200:200 g/l	BASF
Proline 275	Fungicide	Prothioconazole	275 g/l	Bayer CropScience
Aviator 235 Xpro	Fungicide	Bixafen + prothioconazole	60:200 g/l	Bayer CropScience

**Winter Oilseed Rape - spring 2024**

<b>Fungicide Protocol for the North and East/West regions</b>			
<b>Treatment Timing</b>	<b>Growth Stage (GS) - target timing or disease</b>	<b>Product / active ingredient</b>	<b>Rate</b>
<b>Onset of spring growth prior to stem extension</b>			
Target foliar diseases		Proline 275	0.63 l/ha

<b>GS 4.0–4.3 First flowers opened</b>			
Target Alternaria, Botrytis and Sclerotinia.		Pictor	0.375 – 0.5 l/ha
<b>Note: If there is a strong likelihood that soil or weather conditions will prohibit the application of the second Pictor spray, then apply full rate Pictor at this timing (maximum of 0.5 l/ha permitted).</b>			

<b>GS 4.5–5.0 (up to 3 weeks later or just prior to 50% of pods at final size (GS 75 BBCH)</b>			
<i>To target sclerotinia.</i>		Pictor	0.375 – 0.5 l/ha
<b>Please note that a fungicide application for Sclerotinia control should be applied to untreated trials especially where these trials are taken to yield.</b>			

**Autumn 2024 (for crop 2024/25)**

<b>Treatment Timing</b>	<b>Growth Stage (GS) - target timing or disease</b>	<b>Product / active ingredient</b>	<b>Rate</b>
<b>Northern Region</b>			
<i>Optional on appearance of first symptoms or, by end of November</i>	<i>Light leaf spot and Phoma</i>	<i>Proline 275 or Aviator Xpro</i>	<i>0.63 l/ha 1.0 l/ha</i>

<b>East/ West Region</b>			
On appearance of first symptoms or, if no symptoms present by end of October (the 4-leaf stage). If a second autumn fungicide application after Shepherd is unlikely, then use Proline 275 in place of Shepherd	Phoma	Shepherd*	0.4 l/ha
<i>Apply if phoma lesions spotted 4 – 6 weeks after previous application, or by end of December. Fungicide applied at this timing will also provide protection for light leaf spot, even if symptoms are not visible in the crop. Depending on seasonal condition or disease pressure.</i>	<i>Phoma or light leaf spot</i>	<i>Proline 275** or Aviator Xpro</i>	<i>0.63 l/ha 1.0 l/ha</i>

\* Consult the relevant trials co-ordinator if this product is unavailable.

\*\*Proline 275 can be used twice in the programme across autumn and spring, but the **max total dose** must not exceed 1.26 l/ha.