



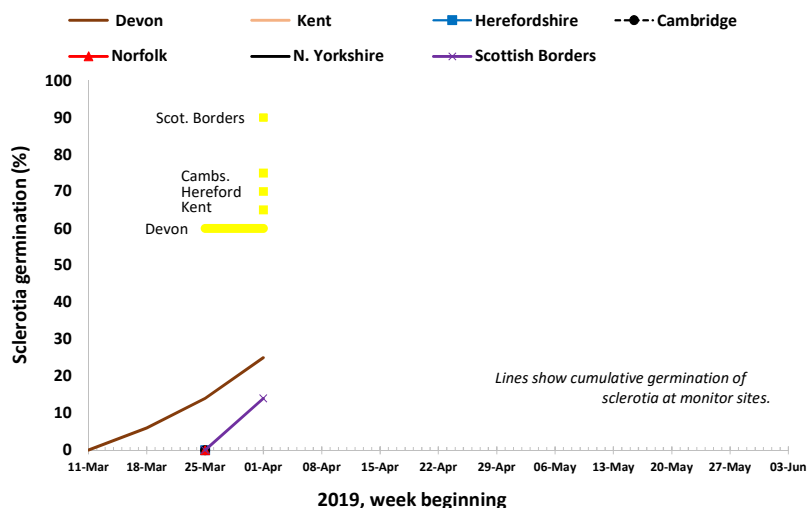
Sclerotinia Monitoring Update 4 April 2019

- Apothecia have been seen this week at the Devon and Edinburgh sites, reflecting previously mild soil temperatures. Sclerotial germination activity indicates spore release. There are also positive petal tests already from the Devon and Hereford sites, indicating the presence of inoculum in these crops.
- Current weather is generally too cold to allow infection, but when warmer conditions occur, infection risk will increase where inoculum is found. Local weather and flowering stage should be monitored. For high risk sites, protectant fungicide sprays are advised ahead of petal fall, at early to mid-flower.

Current *Sclerotinia* risk and key guidance by region

Region	Growth stage	Other comments
South West	Yellow-bud to early-flower	Germination active, petals 25% positive. Consider protectant early-mid flower sprays.
South East	Yellow-bud to early-flower	No germination yet, petal testing starting soon. Weather outlook mostly cold over the next week.
East Anglia	Yellow-bud	No germination yet, petal testing starting soon. Weather outlook mostly cold over the next week.
East Mids	Yellow-bud	No germination yet, petal testing starting soon. Weather outlook mostly cold over the next week.
W Mids & Wales	Yellow-bud to early-flower	No germination but petals 8% positive. Consider protectant early-mid flower sprays.
N England	Yellow-bud	No germination yet, petal testing starting soon. Weather outlook mostly cold over the next week.
Scotland	Yellow-bud	Germination active, petal testing starting soon. Weather outlook mostly cold over the next week.

Sclerotial germination at ADAS monitor sites (flowering period shown in yellow)





Petal tests at ADAS monitor sites

These are done weekly for six weeks from first petals at all sites and show the % of petals testing positive for *Sclerotinia* spores. Positive values may indicate high risk.

Sclerotinia petal test most recent result by site, 2019



Recommendation

- At early-mid flower apply Filan® 0.3-0.5 kg/ha + tank mix partner*.
*Advisory label statement to protect against development of *Sclerotinia* resistance in the UK by using mixed modes of action. See technical bulletin for more detail
- Filan will provide protection for 21-25 days. If there is still risk of infection after this, a second spray may be required.

Fungicide requirements at flowering	Filan	Prothioconazole	Prothioconazole +SDHI co-forms	Amistar + IZM co-form
Excellent control of sclerotinia	✓	✓	✓	
LLS resistance management	✓			
Increase in GLAD and associated yield increase (ADAS research)	✓			

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.agricentre.basf.co.uk. For further information, please do not hesitate to contact your local BASF Agronomy Manager or the BASF Technical Services Hotline: 0845 602 2553 Filan is a registered trademark of BASF. Filan contains boscalid.