

Sclerotia samples in canola for fungicide-sensitivity testing in 2024

Research objective: Growers are interested to know if the fungicide products that are recommended for control of *Sclerotinia* white mould in canola are still effective, or if the fungal population has developed tolerance to one or more of the products. In 2010, sclerotia (resting bodies) were collected from 160 canola fields across the three Prairie Provinces. In 2024, your help is needed to collect sclerotia from canola fields in Saskatchewan. The 2010 and 2024 isolates will be tested for sensitivity to at least three products to examine whether the population has developed fungicide tolerance.

Sampling method: *Sclerotinia* white mould (*Sclerotinia sclerotiorum*) is relatively easy to recognized because of the whitish lesions it causes on canola stems (see photo), and black sclerotia inside the stem pit. After harvest, please collect sclerotia or 2-5 infected stems from as many canola fields as possible. Sclerotia are most common at the base of thicker stems. If you are doing *Verticillium* scouting after harvest, sampling of sclerotia of *Sclerotinia sclerotiorum* be done at the same time.



Field information: It is important to record the location preferably as both as longitude / latitude plus nearest town, but the RM or legal land description can also be used.

Your contact information: Please provide your name, email and/or phone number in case fungicide resistance is identified, since it might be interesting to collect more isolates from the same area in the future.

Shipping method: Use separate paper envelopes for each sample and write the field information and your contact information either on the bag or on a piece of paper inside. Please mail one or more sclerotinia samples to the address below (note that postage is less if it fits through a 20 mm mail-slot).

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Thank you for your help,
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