

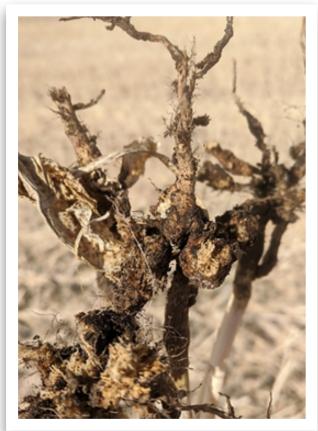
Agronomy Update September 2023

Post-Harvest Canola Scouting

A lot can be learned from a tour of your canola fields post-harvest. Canola production is plagued with a variety of diseases that rob yield and impact a field's ability to produce optimal yields; not just this year, but in future seasons as well, so it's always a good idea to be on top of what is happening in your fields. Checking your stubble after harvest is a great way to see what diseases you are dealing with and how prevalent they are. What you see out there should be driving your decisions when it comes to what genetic package best suits your needs when buying seed for the next season,or give you guidance on what other management practices will give you the best chance of maximizing returns and minimizing the impact of disease.

There are 4 main diseases you can gauge with a post-harvest survey; Club root, Sclerotinia, Blackleg and the new kid on the block, Verticillium Stripe





Sclerotinia (Bayer Crop Science)

Club Root (Wheatland County)



Verticillium Stripe (Canola Council of



Blackleg (Canola Council of Canada)

The first step in gathering good quality information is being comfortable that you can properly identify each disease's symptoms and understand how each one works to impact your production. The Canola Council has some excellent information that can help you out with that.

Club root: https://www.canolacouncil.org/canola-encyclopedia/diseases/clubroot/

Sclerotinia:https://www.canolacouncil.org/canola-encyclopedia/diseases/sclerotinia-stem-rot/

Blackleg: https://www.canolacouncil.org/canola-encyclopedia/diseases/blackleg/

Verticillium Stripe: https://www.canolacouncil.org/canola-encyclopedia/diseases/verticillium-stripe/

Increasing levels of these diseases may be an indication that it could be time for an adjustment in your rotation or canola system to better address the issue. So before heading across the field with the heavy harrow, take a few minutes to pull up a few suspicious looking canola stalks and see if you can figure out what happened to them. It could make a difference in how you approach future management decisions.

