Disease Risk

The following tests are reported with a disease risk, which indicates the risk of yield loss associated with the level of pathogen DNA detected in the soil. Risk categories should be used as a guide only, as regional and seasonal variation can occur.

- Cereal cyst nematode
- Stem nematode
- Take-all
- Take-all – oat strain
- Rhizoctonia
- Crown rot
- *Pratylenchus neglectus*
- *Pratylenchus thornei*
- Blackspot
- Blackspot (*Phoma Koolunga*)

Tests under evaluation

This year we are introducing a number of new tests as “tests under evaluation”. These tests will be reported as relative population densities, rather than a disease risk, as the level of yield loss associated with the pathogen DNA level has yet to be determined. Results can be used to rank levels of inoculum in different paddocks, monitor changes in inoculum during different phases of the cropping sequence and confirm disease diagnosis. Disease risk categories will be developed for some of the tests in the future.

- Yellow leaf spot
- Common root rot
- *Pythium* clade f
- Eyespot
- *Pratylenchus penetrans*
- *Pratylenchus quasitereoides*
- Charcoal rot
- Ascochyta blight of chickpea
- White grain disorder
- Sclerotinia stem rot