

Cereal Rust Report

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Cereal rust situation, mid-Winter 2016

DR WILLIAM CUDDY

Co-located at the NSW Department of Primary Industries, Elizabeth Macarthur Agricultural Institute, Menangle and The University of Sydney, Plant Breeding Institute, Cobbitty
Email: will.cuddy@dpi.nsw.gov.au Phone: 02-9351 8871

PROFESSOR ROBERT PARK

The University of Sydney, Plant Breeding Institute, Cobbitty
Email: robert.park@sydney.edu.au Phone: 02-9351 8806

DR DAVINDER SINGH

The University of Sydney, Plant Breeding Institute, Cobbitty
Email: davinder.singh@sydney.edu.au Phone: 02-9351 8828

Samples of all cereal rusts except stripe rust have been received in 2016 at the Australian Cereal Rust Survey at the University of Sydney's Plant Breeding Institute. Details on the current reported distributions are provided as are pathotype details where known. Reports of wheat leaf rust from multiple sites across Victoria as well as the Eyre Peninsula in South Australia are of particular concern. Recent weather conditions are likely to have distributed wheat leaf rust across the wheatbelt in South Australia, Victoria and southern NSW and so growers in the southern region are advised to monitor crops for wheat leaf rust. Samples of all rusts observed in cereal crops should be submitted for pathotype analysis to the Australian Cereal Rust Survey.

Wheat leaf rust

Samples of wheat leaf rust have been received from Victoria and South Australia. Victorian samples off SQP Revenue, Manning and Sunlamb were received from Bairnsdale in mid-June and a confirmed report of wheat leaf rust on SQP Revenue was received from Lismore in western Victoria in late June. A sample of wheat leaf rust off Mace has also been received from Port Neill in South Australia in late June. Pathotype identifications are underway for all samples.

Wheat stem rust

Samples of stem rust have been received from Queensland and Western Australia. One sample of the Scabrum rust (Scabrum +Sr21) was received in early April from Allora in Queensland. It was sampled off volunteers of Compass barley. A sample of wheat stem rust was received in mid-June off wheat volunteers near Gnowangerup in Western Australia.

Barley leaf rust

Samples of barley leaf rust have been received from Western Australia. The first sample was from Pallinup off volunteer regrowth of the variety Bass in late March. That sample has since been confirmed to be pathotype 5457 P-. Since then, samples have been received from South Stirling and Manypeaks in mid-late June. Samples were from volunteers and crops of Bass, Baudin, Flinders and Scope.

Oat crown rust

Oat crown rust has been reported from Queensland and Western Australia. One sample of oat crown rust was received from Junabee in Queensland in late May. The sample was off the variety Drover. Samples from Western Australia included a sample off volunteer oats at Narrogin in late May and a sample off the variety Williams from Cranbrook in mid-June.

Oat stem rust

Samples of oat stem rust have been received from Queensland and Western Australia. The Queensland sample was received from Junabee off the oat variety Drover. Samples from Western Australia have been received from Narrogin, Gnowangerup, Cranbrook and Cuballing from early to late June. The samples from Cranbrook and Cuballing were both from the variety Williams. Pathotype identifications are underway.

GENERAL ENQUIRIES

Mr Keshab Kandel
Rust Surveillance Technician
Plant Breeding Institute
Private Bag 4011,
Narellan NSW 2567

T 02-9351 8849
F 02-9351 8875

RUSTED PLANT SAMPLES

can be mailed in paper envelopes;
do not use plastic wrapping or plastic
lined packages. If possible, include the
latitude and longitude of the sample
location.

Direct samples to:
University of Sydney
Australian Rust Survey
Reply Paid 88076
Narellan NSW 2567

The Australian Cereal Rust Control Program is supported by growers through the Grains Research & Development Corporation.

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