

Title	Four novel sources of resistance to Septoria tritici blotch in RIL populations evaluated for of adult plant disease severity season 2 2024 at Wagga Wagga, NSW and Hamilton, Victoria.
Abstract	The data comprises 8 experiments (FR7524CPVT, FR7624CPVT, FR7724CPVT, FR7824CPVT, FRA24HLTN, FRB24HLTN, FRC24HLTN, FRD24HLTN) conducted to collect adult plant data for wheat reactions to infection with Septoria tritici blotch. For the adult plants, infection was from natural field inoculum, reactions scored as STB_A 1-9 scale and Percentage of Pycnidia density covered on Necrosis, plant maturity recorded as Zadock scale. Four RIL (F5 seed) segregating populations WW2449 x Flech D'or, WW2449 x SF Adagio, WW2449 x Chuan Mai 25, Summit x Bulgaria 88. Field experiments conducted at Wagga Wagga Agricultural Institute (-35.05287, 147.347657) with supplementary overhead irrigation and DEDJTR Hamilton Centre (-37.821254, 142.065262) rainfed conditions. For example of methods used to collect data DOI: 10.3389/fpls.2022.990915, Multi-stage resistance to Zymoseptoria tritici revealed by GWAS in an Australian bread wheat diversity panel, N. Yang, B. Ovenden, B. Baxter, M. C. McDonald, P. S. Solomon and A. Milgate, Frontiers in Plant Science 2022 Vol. 13.
Resource locator	
<u>Data Quality Statement</u>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Four novel sources of resistance to Septoria tritici blotch in RIL populations evaluated for of adult plant disease severity season 2 2024 at Wagga Wagga, NSW and Hamilton, Victoria.</p> <p>Function: download</p>
Unique resource identifier	
Code	a7b24bfe-8094-497a-a761-6820e67be5cd
Presentation form	
Edition	1
Dataset language	eng
Metadata standard	
Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
Version	1.1
Dataset URI	https://data.iar.dpi.nsw.gov.au/dataset/a7b24bfe-8094-497a-a761-6820e67be5cd
Status	completed
Spatial reference system	
Authority code	GDA94 Geographic (Lat\Long)

Code identifying the spatial reference system	4283
Topic category	Agriculture
Keyword set	
keyword value	AGRICULTURE-Crops
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
NSW Place Name	Wagga Wagga
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	2024-04-01
End position	N/A
Dataset reference date	
Date type	creation
Effective date	2024-12-01
Date type	publication
Effective date	2025-08-27
Date type	revision
Effective date	2025-08-27
Resource maintenance	
Maintenance and update frequency	asNeeded
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Constraint set

Use constraints	This data is provided under a Creative Commons Attribution 4.0 licence http://creativecommons.org/licenses/by/4.0 Attribute 'DPI' in publications using this data.
Limitations on public access	
Scope	dataset

Responsible party

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Metadata date	2025-12-01
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Metadata language	eng
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