

Title	Eight novel sources of resistance to Septoria tritici blotch at F2 generation evaluated in the field for adult plant disease severity, season 1 2023 at Wagga Wagga		
Abstract	The data comprises 16 experiments (FRA23HLTN,FRAM23CPVT,FRB23HLTN,FRC23HLTN,FRD23HLTN,FRE23HLTN,FRF23HLTN,FRG23HLTN,FRL23CPVT,FRN23HLTN,FRQ23CPVT,FRR23CPVT,FRV23CPVT) 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. Percentage of Pycnidia density covered on Necrosis, plant maturity recorded as Zadock scale. Population size ranged from 26-90 F2 plants in each experiment. AUS33535, Lancer x 52-ZIZ12, Lancer x WLA-023, Lancer x AUS141204, Lancer x Farro Lunga, Lancer x Quarrior, WW2449 x Chuan Mai 25, WW2449 x Fleck Yellow, Wagga Wagga Agricultural Institute (-35.05287,147347657) with supplementary overhead irrigation and DEDJTR Hamilton Centre (-37.821254,142.065262) 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, McDonald, P. S. Solomon and A. Milgate, Frontiers in Plant Science 2022 Vol. 13.		
Resource locator			
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Eight novel sources of resistance to Septoria tritici blotch at F2 generation evaluated in the field for adult plant disease severity, Hamilton, Victoria Function: download		
Unique resource identifier			
Code	73a195dd-6c48-4303-b6f1-0092f72eab5b		
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	<a href="https://data.iar.dpi.nsw.gov.au/dataset/73a195dd-6c48-4303-b6f1-0092f72eab5b">https://data.iar.dpi.nsw.gov.au/dataset/73a195dd-6c48-4303-b6f1-0092f72eab5b</a>		
Status	completed		
Spatial reference system			
Authority code	GDA94 Geographic (Lat\Long)		
Code identifying the spatial reference system	4283		
Topic category	Agriculture		

<b>Keyword set</b>	
keyword value	AGRICULTURE-Crops
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
NSW Place Name	Wagga Wagga
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	2023-04-01
End position	N/A
<b>Dataset reference date</b>	
Date type	creation
Effective date	2023-12-01
Date type	publication
Effective date	2025-08-27
Date type	revision
Effective date	2025-08-27
<b>Resource maintenance</b>	
Maintenance and update frequency	asNeeded
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<b>Constraint set</b>	
Use constraints	This data is provided under a Creative Commons Attribution 4.0 licence <a href="http://creativecommons.org/licenses/by/4.0">http://creativecommons.org/licenses/by/4.0</a> Attribute 'DPI' in publications using this data.
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Scope	dataset
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<b>Metadata date</b>	2025-12-01
<b>Metadata language</b>	eng