

<b>Title</b>	Two novel sources of resistance to Septoria tritici blotch and QTL mapping of seedling plant disease severity 2025 at Wagga Wagga, NSW
<b>Abstract</b>	The data comprises 2 experiments (GEC24GH7S, GEI24GH7S) conducted to collect seedling plant data for wheat reactions to infection with Septoria tritici blotch. For seedlings, single isolate WAI3900 and WAI161 inoculum was used, reactions scored as STB_S 1-5 scale and Percent necrosis, Percentage of Pycnidia density covered on Necrosis recorded. Sources of resistance evaluated were 2 F2 populations Lancer x WLA-023 (WW33609) and Lancer x AUS141204 (WW33601). Glasshouse experiments conducted at Wagga Wagga Agricultural Institute (-35.05287,147347657). 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. Genotyping was carried out by DArT on the X6134 (WW2449/SF_Adagio) RIL population for QTL mapping.
<b>Resource locator</b>	
<b>Data Quality Statement</b>	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Two novel sources of resistance to Septoria tritici blotch and QTL mapping of seedling plant disease severity 2025 at Wagga Wagga, NSW Function: download
<b>Unique resource identifier</b>	
<b>Code</b>	690ef2a6-378c-4400-89a1-fff96bd676aa
<b>Presentation form</b>	
<b>Edition</b>	1
<b>Dataset language</b>	eng
<b>Metadata standard</b>	
<b>Name</b>	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
<b>Version</b>	1.1
<b>Dataset URI</b>	<a href="https://data.iar.dpi.nsw.gov.au/dataset/690ef2a6-378c-4400-89a1-fff96bd676aa">https://data.iar.dpi.nsw.gov.au/dataset/690ef2a6-378c-4400-89a1-fff96bd676aa</a>
<b>Status</b>	completed
<b>Spatial reference system</b>	
<b>Authority code</b>	GDA94 Geographic (Lat\Long)

<b>Code identifying the spatial reference system</b>	4283
<b>Topic category</b>	Agriculture
<b>Keyword set</b>	
<b>keyword value</b>	AGRICULTURE-Crops
<b>Originating controlled vocabulary</b>	
<b>Title</b>	ANZLIC Search Words
<b>Reference date</b>	2008-05-16
<b>Geographic location</b>	
<b>NSW Place Name</b>	Wagga Wagga
<b>Vertical extent information</b>	
<b>Minimum value</b>	-100
<b>Maximum value</b>	2228
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<b>Code identifying the coordinate reference system</b>	5711
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<b>Begin position</b>	2025-04-01
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<b>Date type</b>	creation
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<b>Contact info</b>	

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<b>Use constraints</b>	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.
<b>Limitations on public access</b>	
<b>Scope</b>	dataset
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<b>Responsible party role</b>	distributor
<b>Metadata date</b>	2026-04-30
<b>Metadata language</b>	eng