

<b>Title</b>	Glasshouse evaluation of seedling plant disease severity 2024 at Wagga Wagga, NSW of two sources of resistance to Septoria tritici blotch and KASP marker development
<b>Abstract</b>	The data comprises 2 experiments (WW2449 x Flech D'or (Stb14), Lancer x Renan (Stb20q) conducted to collect seedling plant data for wheat reactions to infection with Septoria tritici blotch. For seedlings, single isolate WAI161 inoculum was used, reactions scored as STB_S 1-5 scale and Percent necrosis, Percentage of Pycnidia density covered on Necrosis recorded. Population size was 180 RILF4 plants for WW2449 x Flech D'or (Stb14) and 110 F2 plants for Lancer x Renan (Stb20q). 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 X6135 (WW2449/WW33612) RIL segregating population used to map the novel Stb_WAI_1DS loci and develop KASP markers. The X6129 (WW2449/WW33611) RIL segregating population was genotyped to map the novel Stb_WAI_3DL loci and develop KASP markers.
<b>Resource locator</b>	
<b><u>Data Quality Statement</u></b>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Glasshouse evaluation of seedling plant disease severity 2024 at Wagga Wagga, NSW of two sources of resistance to Septoria tritici blotch and KASP marker development</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	ca508816-faca-410e-966f-440084622cd6
<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/ca508816-faca-410e-966f-440084622cd6">https://data.iar.dpi.nsw.gov.au/dataset/ca508816-faca-410e-966f-440084622cd6</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>Begin position</b>	2024-04-01
<b>End position</b>	N/A
<b>Dataset reference date</b>	
<b>Date type</b>	creation
<b>Effective date</b>	2023-12-01
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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>	2025-08-27
<b>Metadata language</b>	eng