

<b>Title</b>	Glasshouse evaluation of seedling plant disease severity 2023 at Wagga Wagga, NSW of two sources of resistance to Septoria tritici blotch and KASP marker development
<b>Abstract</b>	<p>The data comprises 2 experiments (GEG22GH6S, GEI23GH7S) conducted to collect seedling plant data for wheat reactions to infection with Septoria tritici blotch. For seedlings, single isolate WAI332 and 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 188 RILF4 plants in each experiment, sources of resistance evaluated were Stb1 and Stb8. 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 X6135 RILF4s to develop KASP markers for Stb1.</p>
<b>Resource locator</b>	
<u><b>Data Quality Statement</b></u>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-<a href="http://download">http--download</a></p> <p>Description:</p> <p>Data quality statement for Glasshouse evaluation of seedling plant disease severity 2023 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>	a38f75cb-9601-480f-a25b-25f0f061f142
<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/a38f75cb-9601-480f-a25b-25f0f061f142">https://data.iar.dpi.nsw.gov.au/dataset/a38f75cb-9601-480f-a25b-25f0f061f142</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
<b>Coordinate reference system</b>	
<b>Authority code</b>	urn:ogc:def:cs:EPSG::
<b>Code identifying the coordinate reference system</b>	5711
<b>Temporal extent</b>	
<b>Begin position</b>	2023-04-01
<b>End position</b>	N/A
<b>Dataset reference date</b>	
<b>Date type</b>	creation
<b>Effective date</b>	2023-12-01
<b>Date type</b>	publication
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<b>Resource maintenance</b>	
<b>Maintenance and update frequency</b>	asNeeded
<b>Contact info</b>	

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## Constraint set

<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
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<b>Metadata language</b>	eng
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