

Title	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
Abstract	<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>
Resource locator	
Data Quality Statement	<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 2023 at Wagga Wagga, NSW of two sources of resistance to Septoria tritici blotch and KASP marker development</p> <p>Function: download</p>
Unique resource identifier	
Code	a38f75cb-9601-480f-a25b-25f0f061f142
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/a38f75cb-9601-480f-a25b-25f0f061f142
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	2023-04-01
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Date type	creation
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Effective date	2025-06-13
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Maintenance and update frequency	asNeeded
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Constraint set	
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Scope	dataset
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