

<b>Title</b>	Field evaluation of adult plant disease severity season 3 2025 at Wagga Wagga, NSW and Hamilton, Victoria of six sources of resistance to Septoria tritici blotch at 15 BC3F2 families containing 2-gene combinations
<b>Abstract</b>	The data comprises 2 experiments (FRT25CPVT, FRF25HLTN) conducted to collect adult plant data for wheat reactions to infection with Septoria tritici blotch from 30 BC3F2 families testing 2 gene combinations of Stb1, Stb1DS, Stb3DL, Stb16q, Stb19 and Stb20q in Lancer, Scepter and Suntop backgrounds. For the adult plants, infection was from natural field inoculum, reactions scored as STB_A 1-9 scale and Percentage of Pycnidia density covered on Necrosis, plant maturity recorded as Zadock scale. Total F2 plants evaluated ranged from 312-779 per experiment. Field experiemnts conducted at Wagga Wagga Agricultural Institute (-35.05287,147347657) with supplementary overhead irrigation and DEDJTR Hamilton Centre (-37.821254,142.065262) rainfed conditions. 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.
<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 Field evaluation of adult plant disease severity season 3 2025 at Wagga Wagga, NSW and Hamilton, Victoria of six sources of resistance to Septoria tritici blotch at 15 BC3F2 families containing 2-gene combinations Function: download
<b>Unique resource identifier</b>	
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<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/7b697cb5-98d8-455f-b328-0d3f67e940a2">https://data.iar.dpi.nsw.gov.au/dataset/7b697cb5-98d8-455f-b328-0d3f67e940a2</a>
<b>Status</b>	completed
<b>Spatial reference system</b>	
<b>Authority code</b>	GDA94 Geographic (Lat\Long)

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<b>Topic category</b>	Agriculture
<b>Keyword set</b>	
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<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>	
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<b>Maximum value</b>	2228
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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>	2026-04-07
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