

Title	Two novel sources of resistance to Septoria tritici blotch in BC2F2 families evaluated in the field for adult plant disease severity season 3 2025 at Wagga Wagga, NSW and Hamilton, Victoria
Abstract	The data comprises 2 experiments (FRN25CPVT, FRE25HLTN) conducted to collect adult plant data for wheat reactions to infection with Septoria tritici blotch. 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. Twelve BC2F2 segregating populations were screened, <i>Lancer3/SF Adagio</i> , <i>Lancer3/Chuanmai 25</i> (WW33607), <i>Scepter3/SF Adagio</i> , <i>Scepter3/Chuanmai 25</i> (WW33607), <i>Suntop3/SF Adagio</i> , <i>Suntop3/Chuanmai 25</i> (WW33607), <i>Lancer3/AUS33535</i> (WW23048), <i>Lancer3/52-ZIZ12</i> (WW33608), <i>Scepter3/AUS33535</i> (WW23048), <i>Scepter3/52-ZIZ12</i> (WW33608), <i>Suntop3/AUS33535</i> (WW23048), <i>Suntop3/52-ZIZ12</i> (WW33608). 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.
Resource locator	
Data Quality Statement	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 in BC2F2 families evaluated in the field for adult plant disease severity season 3 2025 at Wagga Wagga, NSW and Hamilton, Victoria Function: download
Unique resource identifier	
Code	87fc5503-3ac3-4afc-bb55-fd76b9cceb3
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/87fc5503-3ac3-4afc-bb55-fd76b9cceb3
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	2025-04-01
End position	N/A
Dataset reference date	
Date type	creation
Effective date	2025-12-01
Date type	publication
Effective date	2026-04-27
Date type	revision
Effective date	2026-04-27
Resource maintenance	
Maintenance and update frequency	asNeeded

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Metadata date	2026-04-30
Metadata language	eng