

Title	Two novel sources of resistance to Septoria tritici blotch in BC1F2 families evaluated in the field for adult plant disease severity season 2 2024 at Wagga Wagga, NSW and Hamilton, Victoria
Abstract	The data comprises 2 experiments (FR8524CPVT, FRG24HLTN) 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. Seven BC2F2 segregating populations were screened, <i>Lancer2/SF_Adagio</i> , <i>Lancer2/WW23048</i> , <i>Lancer2/WW33608</i> , <i>Scepter2/SF_Adagio</i> , <i>Scepter2/WW23048</i> , <i>Suntop2/WW23048</i> , <i>Suntop2/WW33608</i> . 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	
<u>Data Quality Statement</u>	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 BC1F2 families evaluated in the field for adult plant disease severity season 2 2024 at Wagga Wagga, NSW and Hamilton, Victoria Function: download
Unique resource identifier	
Code	dc972455-b04e-4fe2-adf9-d36f2d4724f2
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
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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
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