

Title	Eight novel sources of resistance to Septoria tritici blotch at F2 generation evaluated in the field for adult plant disease severity, season 1 2023 at Wagga Wagga Agricultural Institute
Abstract	The data comprises 16 experiments (FRA23HLTN,FRAM23CPVT,FRB23HLTN,FRC23HLTN,FRD23HLTN,FRE23HLTN,FRF23HLTN,FRG23HLTN,FRL23CPVT,FRN23HLTN,FRQ23CPVT,FRR23CPVT,FRV23HLTN) conducted to collect adult plant data for wheat reactions to infection with Septoria tritici blotch. For the adult plants, infection was from natural field inoculation. Percentage of Pycnidia density covered on Necrosis, plant maturity recorded as Zadock scale. Population size ranged from 26-90 F2 plants in each experiment. AUS33535, Lancer x 52-Z1Z12, Lancer x WLA-023, Lancer x AUS141204, Lancer x Farro Lunga, Lancer x Quarrión, WW2449 x Chuan Mai 25, WW2449 x Fleck, WW2449 x Wagga Wagga Agricultural Institute (-35.05287,147.347657) with supplementary overhead irrigation and DEDJTR Hamilton Centre (-37.821254,142.065262) 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 by 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 Eight novel sources of resistance to Septoria tritici blotch at F2 generation evaluated in the field for adult plant disease severity, season 1 2023 at Wagga Wagga Agricultural Institute (-35.05287,147.347657) with supplementary overhead irrigation and DEDJTR Hamilton Centre (-37.821254,142.065262) 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 by McDonald, P. S. Solomon and A. Milgate, Frontiers in Plant Science 2022 Vol. 13.
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Originating controlled vocabulary	
Title	ANZLIC Search Words
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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::
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Scope	dataset
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