

Title	Raw dielectric data of wheat and barley stubble with varying pathogen loads		
Abstract	The dielectric properties of wheat and barley stubble with different pathogen loads (<i>Fusarium pseudograminearum</i>, <i>Bipolaris sorokiniana</i> and <i>Pyrenophora tritici-repentis</i>) were investigated at 10%, 15%, 30% and 100% moisture content using an open-ended coaxial probe in a spectral band covering three important industrial, scientific and medical (ISM) frequencies (915, 2450 and 5800 MHz). <i>pseudograminearum</i> and <i>Pyrenophora teres</i> in the microwave frequency range. Raw data output files for dielectric properties of cereal stubble infected with <i>Bipolaris sorokiniana</i>, <i>Fusarium pseudograminearum</i> and <i>Pyrenophora teres</i> in the microwave frequency range.		
Resource locator			
Unique resource identifier			
Code	40cef675-788f-45eb-938f-7b3170762b31		
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/40cef675-788f-45eb-938f-7b3170762b31		
Status	completed		
Spatial reference system			
Authority code	GDA94 Geographic (Lat\Long)		
Code identifying the spatial reference system	4283		
Topic category	Environment		
Keyword set			
keyword value	AGRICULTURE-Crops		
Originating controlled vocabulary			
Title	ANZLIC Search Words		

Reference date	2008-05-16
Geographic location	
West bounding longitude	149.60083
East bounding longitude	151.21582
North bounding latitude	-31.289847
South bounding latitude	-29.345821
NSW Place Name	Gurley, Tamworth
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	2021-01-01
End position	N/A
Dataset reference date	
Date type	creation
Effective date	2021-12-31
Resource maintenance	
Maintenance and update frequency	notPlanned
Contact info	
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Responsible party role	pointOfContact

Constraint set	
Use constraints	This data is provided under licence by the Office of Environment and Heritage (DPI). For further inquiries contact raj.ramachandran@dpi.nsw.gov.au .
Limitations on public access	
Scope	dataset
Responsible party	
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Responsible party role	distributor
Metadata date	2023-06-19
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