

Title	Processed 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). 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	9ae4f4f1-7909-4ca0-9aca-ce356d14a439
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/9ae4f4f1-7909-4ca0-9aca-ce356d14a439
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	149.666748
East bounding longitude	151.171875
North bounding latitude	-31.280458
South bounding latitude	-29.355397
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	
Organisation name	DPI
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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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Metadata date	2023-06-19
Metadata language	eng