

LARSPEC Identification Record Codes

1. Level of Factors Code

Factor		Level	
<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
1:	Ground Cover	0:	Soybeans
		1:	None (bare soil)
2:	Row direction	0:	No rows
		1:	90-270 degrees
		2:	105-285 degrees
		3:	120-300 degrees
		4:	135-315 degrees
		5:	150-330 degrees
		6:	165-345 degrees
		7:	180-360 degrees
		8:	210-030 degrees
		9:	240-060 degrees

2. Experimenter Parameter Code

Experimenter Parameter 01: Row direction in degrees between 90 degrees (East) thru 180 degrees (South) to 270 degrees (West).

Experimenter parameter 09: Air temperature as measured by a probe attached to the boom supporting the multiband radiometer in degrees Celsius.

Experimenter parameter 10: Radiant temperature as measured by a precision radiation thermometer (PRT-5) obliquely viewing the top surface of the canopy in degrees Celsius.

Dates Spectral Data Collected

Plot Number	Number of Observations Collected								
	7/16	7/18	8/12	8/31	9/4	9/9	9/17	9/19	9/24
148	2	2	32	96	2	2	2	144	4
149	2	2	32	96	2	2	2	144	4
150	2	2	32	96	2	2	2	144	4
151	2	2	32	96	2	2	2	144	4
152	2	2	32	96	2	2	2	144	4
153	2	2	32	96	2	2	2	144	4
154	2	2	32	96	2	2	2	144	4
155	2	2	32	96	2	2	2	144	4
156	2	2	32	96	2	2	2	144	4
157	2	2	32	96	2	2	2	144	4
158	-	-	30	48	2	-	-	72	-

Illumination Conditions for Spectral Data Collection

Date	Day of Year	Time Period (GMT)		Solar Zenith Angle Range (degrees)	Solar Azimuth Angle Range (degrees)	Cloud Cover (%)
		Start	Stop	max-min-max		
7/16	197	16:39	16:43	25 - 24	134-136	5
7/18	199	16:44	16:48	24 - 24	137-139	5
8/12	224	15:29	21:40	40 - 25 - 55	118-260	0
8/31	243	14:40	20:32	52 - 32 - 48	114-240	?
9/4	247	17:03	17:07	34 - 34	160-162	5
9/9	252	17:26	17:30	35 - 35	172-173	0
9/17	260	17:52	17:56	38 - 38	184-185	?
9/19	262	14:35	23:32	57 - 39 - 87	120-270	0
9/24	267	19:01	19:08	44 - 45	210-212	?