



Notes

1. DeKalb XL43 planted on May 16, 1979 at 50,000 plants/ha .
2. Six 76 cm-wide rows per plot.
3. Purdue Agronomy Farm Field 10C (north side).
4. Early inoculation on July 10, 1979. Late inoculation on July 18, 1979.



Figure 94.1. Design and treatment descriptions of the 1979 Purdue Agronomy Farm corn disease experiment.

LARSPEC Identification Record Codes

1. Level of Factors

Factor		Level	
<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
1:	Disease treatment	1:	Control
		2:	Early
		3:	Late
2:	Block or replication	1:	First block
		2:	Second block

Dates Spectral Data Collected

Plot Number	Number of Observations				
	7/10	7/16	7/18	8/7	9/4
101	-	1	1	2	-
102	-	2	2	1	1
103	-	2	2	2	2
104	1	1	1	1	1
105	2	2	2	2	2
106	-	2	1	1	1

Illumination Conditions for Spectral Data Calibration

Date	Day of Year	Time Period (GMT)		Solar Zenith Angle Range (degrees) max-min-max	Solar Azimuth Angle Range (degrees)	Cloud Cover (%)
		Start	Stop			
7/10	191	18:49	18:55	22 - 22	217-220	15
7/16	197	16:54	17:22	23 - 20	142-158	5
7/18	199	16:45	17:37	24 - 20	138-168	5-25
8/7	219	15:41	16:32	37 - 30	120-137	0
9/4	247	18:00	18:32	33 - 34	186-200	5