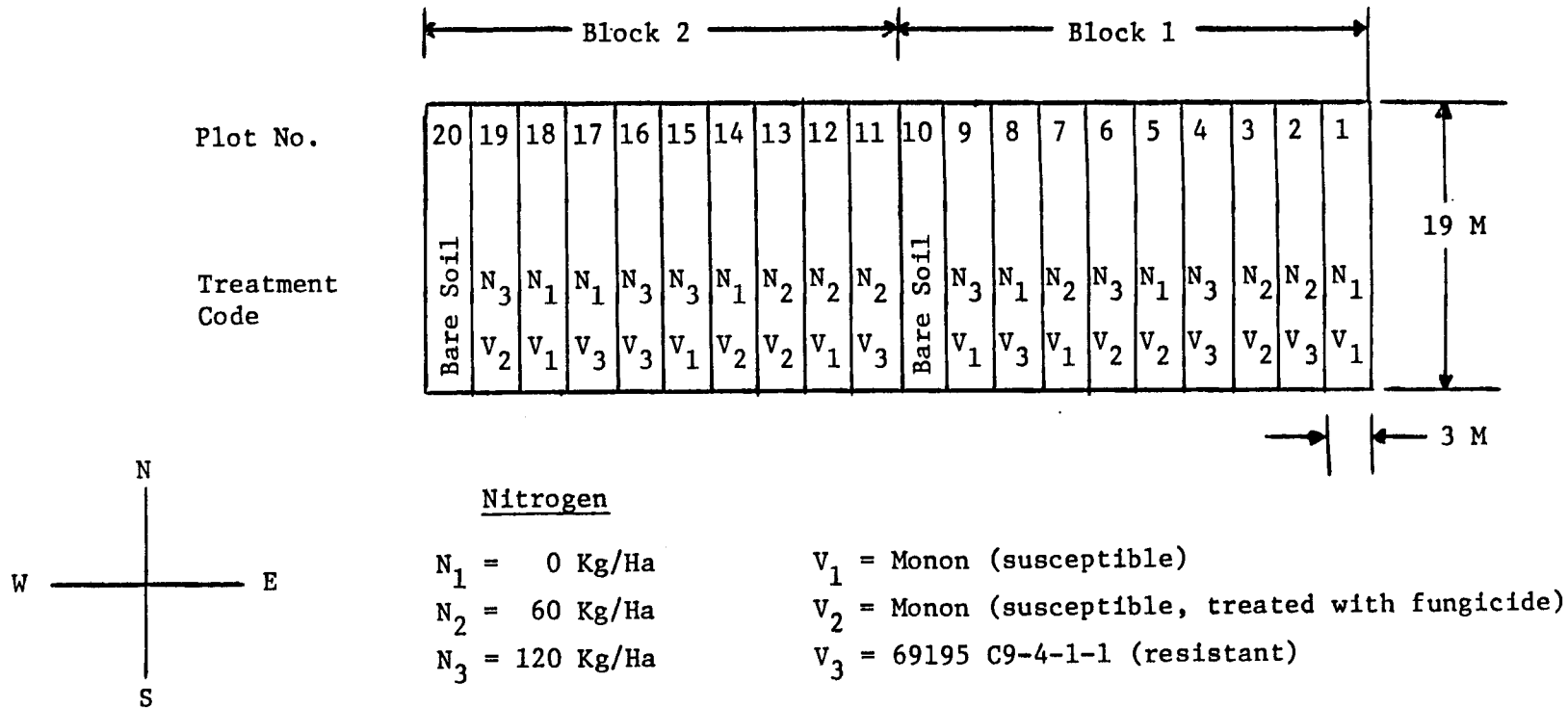


80100806, 80105806



Planting date = October 10, 1979

Figure 112.1. Design and treatment descriptions of the 1980 Purdue Agronomy Farm Winter Wheat Experiment.

Illumination Conditions for Spectral Data Collection (Exotech 20C)

Date	Day of Year	Time Period (GMT)		Solar Zenith	Solar Azimuth	Cloud Cover (%)
		Start	Stop	Angle Range (degrees) max-min-max	Angle Range (degrees)	
5/6	127	15:49	17:25	35 - 24	125-169	0
5/26	147	15:45	15:55	32 - 30	118-121	0
5/27	148	15:30	17:01	34 - 21	114-151	20
5/28	149	16:05	18:37	29 - 19 - 22	124-214	15
5/31	152	18:30	19:25	21 - 28	210-236	?
6/9	161	15:28	16:56	34 - 21	110-145	10
6/11	163	15:21	16:29	35 - 18 - 24	108-131	0
6/16	168	16:05	17:16	28 - 18	120-156	5-30
6/18	170	18:45	20:06	21 - 18 - 33	219-250	0
6/21	173	15:45	18:28	31 - 18 - 19	114-208	1-5
6/29	181	15:51	16:49	31 - 22	115-138	5

Dates Spectral Data Collected (Exotech 20C):

Plot Number	5/6	5/26	5/27	6/28	5/31	6/9	6/11	6/16	6/18	6/21	6/29
Number of Observations Collected											
1	2	-	1	1	1	1	1	1	1	1	1
2	2	-	2	1	1	2	2	2	1	2	2
3	1	-	1	2	2	1	1	1	2	1	1
4	1	-	1	1	1	1	1	1	1	1	1
5	1	-	1	1	2	1	1	2	1	1	1
6	2	-	2	2	1	1	2	1	1	2	2
7	1	-	1	1	2	1	1	1	2	1	1
8	1	-	1	1	1	1	1	1	1	1	1
9	1	-	1	1	1	1	1	2	1	1	1
10	1	-	1	1	1	1	1	1	1	1	1
11	2	-	2	2	2	2	2	1	2	2	2
12	1	-	1	1	1	1	1	1	1	1	1
13	1	-	1	1	-	-	1	2	1	1	1
14	2	-	2	1	-	2	2	1	1	2	2
15	1	-	1	2	-	2	1	1	2	1	1
16	1	-	1	1	-	1	1	1	1	1	1
17	1	1	1	1	-	1	1	2	1	1	1
18	2	2	2	2	-	2	2	1	2	2	2
19	1	1	1	1	-	1	1	1	1	1	1
20	1	1	1	1	-	1	1	-	1	1	1

Illumination Conditions for Spectral Data Collection (Exotech 100):

Date	Day of Year	Time Period (GMT)		Solar Zenith	Solar Azimuth	Cloud
		Start	Stop	Angle Range (degrees) max-min-max	Angle Range (degrees)	Cover (%)
10/29/79	302	17:25	17:34	53 - 53	178-181	0
5/2780	148	19:32	19:51	30 - 33	238-244	?
5/28	149	19:37	19:58	30 - 34	240-246	15
6/10	162	17:42	17:57	17 - 18	176-187	?
6/11	163	17:22	17:36	18 - 18	161-171	0
6/16	168	16:17	16:24	26 - 25	125-128	5
6/18	170	17:47	17:56	17 - 17	178-185	0
6/21	173	19:16	19:23	25 - 26	233-236	1
6/30	182	14:44	14:54	43 - 41	99-101	15
7/14	196	15:07	15:20	40 - 37	105-108	0

Dates Spectral Data Collected (Exotech 100):

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Plot Number	Number of Observations Collected									
	10/29/79	5/27/80	5/28	6/10	6/11	6/16	6/18	6/21	6/30	7/14
1	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	-	2	2	2	2
12	2	2	2	2	2	-	2	2	2	2
13	2	2	2	2	2	-	2	2	2	2
14	2	2	2	2	2	-	2	2	2	2
15	2	2	2	2	2	-	2	2	2	2
16	2	2	2	2	2	-	2	2	2	2
17	2	2	2	2	2	-	2	2	2	2
18	2	2	2	2	2	-	2	2	2	2
19	2	2	2	2	2	-	2	2	2	2
20	2	2	-	2	2	-	2	2	2	2

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