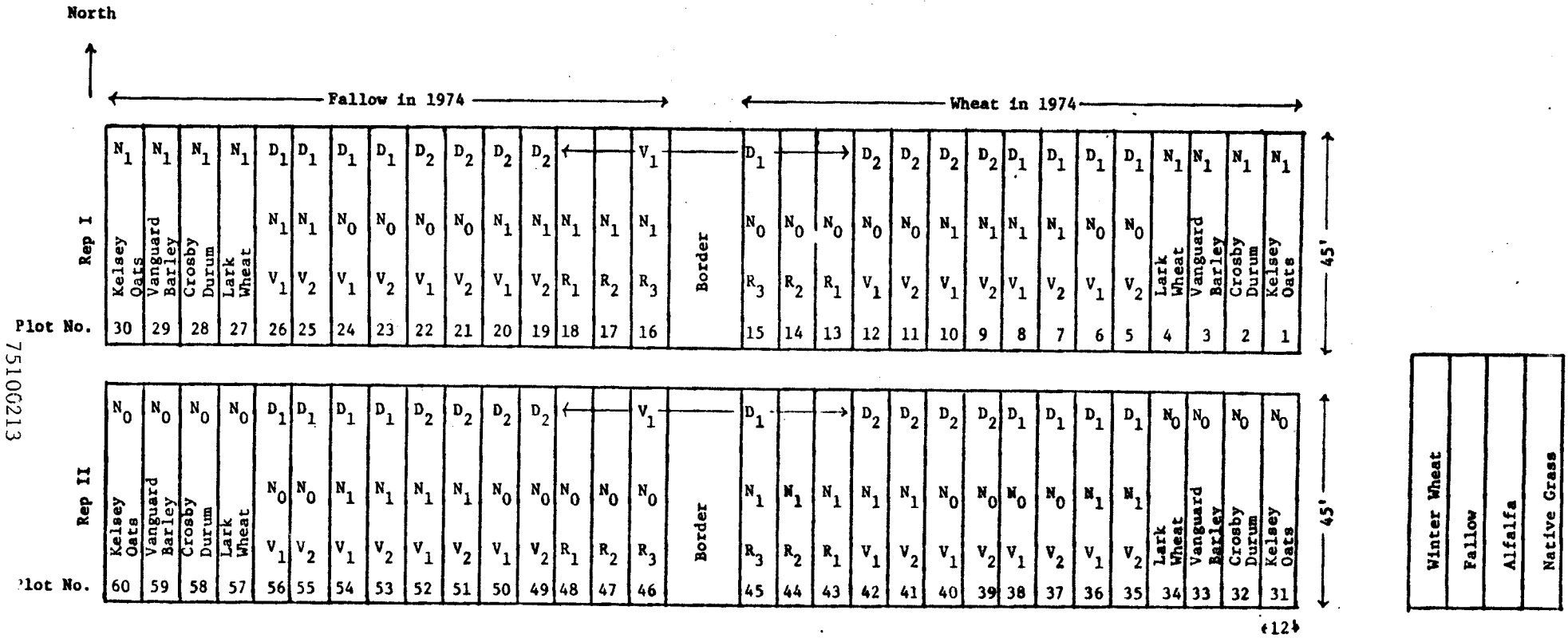


1975 Williston, North Dakota Agriculture Experiment Station
Remote Sensing Experiments



Treatment Descriptions

Soil Moisture	Planting Date	Variety	Nitrogen	Seeding Rate
M ₁ Wheat in 1974	D ₁ May 20	V ₁ Ellar	N ₀ None	R ₁ 30 lbs/acre
M ₂ Fallow in 1974	D ₂ May 30	V ₂ Olaf (Semi dwarf)	N ₁ 25 lbs/acre	R ₂ 60
				R ₃ 90

Figure 29.1 Design for 1975 Spring Wheat Experiment.

Dates Data Collected:

Number of Observations Collected

<u>Plot</u>	<u>6/5</u>	<u>6/7</u>	<u>6/23</u>	<u>7/9</u>	<u>7/10</u>	<u>7/19</u>	<u>7/21</u>	<u>7/27</u>	<u>7/29</u>	<u>8/12</u>	<u>8/15</u>	<u>8/23</u>
5	-	-	-	-	2	-	-	-	2	2	-	-
6	-	-	-	-	2	-	-	-	2	2	-	-
7	-	-	-	-	2	-	-	-	2	2	-	-
8	-	-	-	-	2	-	-	-	2	2	-	-
9	-	-	-	-	2	-	-	-	2	2	-	1
10	-	-	-	-	2	-	-	-	2	2	-	1
11	-	-	-	-	2	-	-	-	2	2	-	1
12	-	-	-	-	2	-	-	-	2	2	-	1
19	2	-	-	-	2	-	-	-	2	-	2	2
20	2	-	-	-	2	-	-	-	2	-	2	2
21	2	-	-	-	2	-	-	-	2	-	3	2
22	2	-	-	-	2	-	-	-	2	-	2	2
23	2	-	-	-	2	-	-	-	2	-	2	-
24	2	-	-	-	2	-	-	-	2	-	2	-
25	2	-	-	-	2	-	-	-	2	-	2	-
26	2	-	-	-	2	-	-	-	2	-	2	-
35	-	-	2	2	2	2	-	2	-	2	-	-
36	-	-	2	2	2	2	-	2	-	2	-	-
37	-	-	2	2	2	2	-	2	-	2	-	-
38	-	-	2	2	2	2	-	2	-	2	-	-
39	-	-	2	2	2	2	-	2	-	2	-	-
40	-	-	2	2	2	2	-	2	-	2	-	-
41	-	-	2	2	2	2	-	2	-	2	-	-
42	-	-	2	-	2	2	-	2	-	2	-	-
49	-	2	2	-	2	2	-	2	-	-	-	-

Dates Data Collected:

Number of Observations Collected (cont.)

<u>Plot</u>	<u>6/5</u>	<u>6/7</u>	<u>6/23</u>	<u>7/9</u>	<u>7/10</u>	<u>7/19</u>	<u>7/21</u>	<u>7/27</u>	<u>7/29</u>	<u>8/12</u>	<u>8/15</u>	<u>8/23</u>
50	-	2	2	-	2	2	-	2	-	-	-	-
51	-	2	2	-	2	2	-	2	-	-	-	-
52	-	2	4	-	4	2	2	4	2	-	2	-
53	-	2	4	-	4	2	2	4	2	-	2	-
54	-	2	4	-	4	2	2	3	2	-	2	-
55	-	2	2	-	2	2	-	2	-	-	-	-
56	-	2	-	-	2	2	-	2	-	-	-	-

LARSPEC Identification Record Codes

1. Level of Factor Codes

<u>Code</u>	<u>Factor Description</u>	<u>Code</u>	<u>Level Description</u>
1:	Soil moisture	1:	Fallow in 1974
		2:	Wheat in 1974
2:	Planting date	1:	May 20, 1975
		2:	May 30, 1975
3:	Variety	1:	Eller
		2:	Olaf
4:	Nitrogen fertilization	1:	None applied
		2:	25 lbs/acre

2. The varieties (Eller and Olaf) in the variety field (ID words 69-72) are interchanged on the LARSPEC tape. ie. Eller should be Olaf and Olaf should be Eller. The Level of Factor Codes are correct.