



WEED MANAGEMENT SUB-PLOT

- 1. minimum weed control
- 2. moderate weed control
- 3. maximum weed control

Bulk Corn Areas A, B, C, D - Huber  
I Erosion Study - Moldenhaver  
II Soybean row-width - Schreiber

TILLAGE SYSTEMS WHOLE-PLOT

- T1 conventional - moldboard plow fall - spring disk - cultivation in corn and soybeans
- T2 conservation - chisel straight shank fall - spring disk
- T3 conservation - no-till

ROTATION - TILLAGE WHOLE PLOT CODE

- ① cont. C\* T1 # 1982 CROP
- ② cont. C\* T2 ○ CORN
- ③ cont. C\* T3 ○ SOYBEAN
- ④ cont. S\* T1 ○ WHEAT
- ⑤ cont. S\* T2
- ⑥ cont. S\* T3
- ⑦ C\*-S T1
- ⑧ C\*-S T2
- ⑨ C\*-S T3
- ⑩ S\*-C T1
- ⑪ S\*-C T2
- ⑫ S\*-C T3
- ⑬ C-S-W\* T1
- ⑭ C-S-W\* T2
- ⑮ C-S-W\* T3
- ⑯ W-C-S\* T1
- ⑰ W-C-S\* T2
- ⑱ W-C-S\* T3
- ⑲ S-W-C\* T1
- ⑳ S-W-C\* T2
- ㉑ S-W-C\* T3

PLOT PLAN NOT DRAWN TO SCALE



# Soil Residue

Dates

Plot	4/14	5/10	6/2	6/10
101	5	5	4	4
102	5	3	4	4
103	5	4	4	4
104	5	4	4	4
105	6	4	4	4
106	5	4	4	4
107	5	4	4	4
108	5	4	4	4
109	5	4	4	4
110	5	4	4	4
111	5	4	4	4
112	5	4	4	4
113	5	4	4	4
114	5	4	4	4
115	5	4	4	4
116	5	4		4
117	5	4		4
118	5	4		4
119	5	4		4
120		4		4
121		4		4
122		4		2

Orig. Vert. slides filed

✓ lb. ✓ lb. ✓ lb. ✓ lb.

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Soil Residue

Notes

Plot

4/14

5/10

6/2

6/10

Plot	4/14	5/10	6/2	6/10
301	3	4	3	3
302	3	4	3	3
303	3	4	3	3
304	3	4	3	3
305	3	4	3	3
306	3	4	3	3
307	3	4	3	3
308	3	4	3	3
309	3	4	3	3
310	3	4	3	3
311	3	4	3	3
312	3	4	3	3
313	3	4	3	3
314	3	4	3	3
315	3	5	3	3
316	3	4	3	3
317	3	4	3	3
318	2	4	3	3
319	3	4	3	3
320	3	4	3	3
321	3	4	3	3

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$$\begin{array}{r} 21 \\ 63 \\ 88 \\ \hline 149 \\ 60 \\ \hline 209 \end{array}$$

821X901

Crop.

Plot #

4/14

5/10

6/2

6/10

101

Soil

Soil

S

S

102

W

W

W

W

103

Soil

Soil

C

C

104

Soil

Soil

C

C

105

Soil

Soil

S

S

106

Soil

Soil

C

C

107

W

W

W

W

108

Soil

Soil

S

S

109

Soil

Soil

C

C

110

W

W

W

W

111

Soil/Woods

Soil

C

C

112

Soil

Soil

S

S

113

Soil

Soil

S

S

114

Soil

Soil

C

C

115

Soil

Soil

C

C

116

Soil

Soil

S

117

Soil

Soil

C

118

Soil

Soil

S

119

Soil

C

120

Soil

S

121

Soil

S

122

Soil

C

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Crops

Plot#	Crops			
	4/14	5/10	6/2	6/10
301	W	W		W
302	Soil	Soil		C
303	Soil	Soil		S
304	Soil	Soil		C
305	Soil	Soil		C
306	Soil	Soil		S
307	Soil	Soil		S
308	Soil	Soil		C
309	Soil	Soil/Woods		S
310	Soil	Soil		C
311	Soil	Soil		C
312	Soil	Soil		S
313	Soil	Soil		C
314	Soil	Soil		S
315	Soil	Soil		C
316	W	W		W
317	Soil	Soil		S
318	Soil	Soil		C
319	Soil	Soil		S
320	Soil	Soil		S
321	W	W		W



# LARSPEC Identification Record Codes

## 1. Experimented Parameters

Experimented parameter 01: Soil moisture of sample 1 in plot. Percent  $\left( \frac{\text{Wet-Dry}}{\text{Dry}} \cdot 100 \right)$

Experimented parameter 02: Soil moisture of sample 2 in plot. Percent  $\left( \frac{\text{Wet-Dry}}{\text{Dry}} \cdot 100 \right)$

Experimented parameter 03: Soil moisture of sample 3 in plot. Percent  $\left( \frac{\text{Wet-Dry}}{\text{Dry}} \cdot 100 \right)$

Experimented parameter 08: Digital counts for MMR ~~channel 8~~ chopper temperature thermister

Experimented parameter 09: Digital counts for MMR case thermister

Experimented parameter 10: Digital counts for MMR thermal detector thermistor.