

Plot No.

81105808
81109208

49	50	51	52	53	54	55	56	57	58	59	60
D ₃	D ₁	D ₂	D ₁	D ₂	D ₃	D ₁	D ₃	D ₁	D ₂	D ₃	D ₂
H ₂	H ₁	H ₂	H ₂	H ₁	H ₁	H ₂	H ₂	H ₁	H ₁	H ₁	H ₂

15.8m

SORGHUM CULTURAL PRACTICES

Planting Date Hybrid
 D₁=28 May 1981 H₁=NK300(semi-dwarf)
 D₂=9 June 1981 H₂=BR64(dwarf)
 D₃=30 June 1981

Plot No.

81105807
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61	62	63	64	65	66	67	68	69	70	71	72
D ₁	D ₃	D ₂	D ₁	D ₃	D ₂	D ₂	D ₃	D ₁	D ₂	D ₁	D ₃
P ₁	P ₂	P ₁	P ₂	P ₁	P ₂	P ₁	P ₂	P ₂	P ₂	P ₁	P ₁

N

SUNFLOWER CULTURAL PRACTICES

Planting Date Plant Population
 D₁=28 May 1981 P₁=37,500 plants/ha
 D₂=9 June 1981 P₂=75,000 plants/ha
 D₃=30 June 1981

Plot No.

81105806
81109206

73	74	75	76	77	78	79	80	81	82	83	84
C ₆	C ₁	C ₅	C ₃	C ₄	C ₂	C ₃	C ₁	C ₄	C ₆	C ₂	C ₅

SOYBEAN VARIETIES

Cultivar
 C₁=Hodgson 78 maturity group I C₄=Cutler 71 maturity group IV
 C₂=Amsoy 71 maturity group II C₅=Gnome(semi-dwarf) maturity group II
 C₃=Williams maturity group III C₆=Elf(semi-dwarf) maturity group III

Plot No.

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81109209

85	86	87	88	89	90	91	92	93	94	95	96
H ₂	H ₂	H ₃	H ₃	H ₁	H ₁	H ₂	H ₂	H ₁	H ₁	H ₃	H ₃
P ₂	P ₂	P ₁	P ₁	P ₁	P ₁	P ₁	P ₁	P ₂	P ₂	P ₂	P ₂

5.3m

CORN HYBRIDS

Hybrid Plant Population
 H₁=DeKalb XL72AA (vertical leaves) P₁=37,500 plants/ha
 H₂=DeKalb XL71 (horizontal leaves) P₂=75,000 plants/ha
 H₃=DeKalb 4F34 (Flint)

811801

Dates Spectral Data Collected

Plot Number	6/17	6/27	7/9	7/10
Number of Observations				
85	2	2	2	6
86	2	2	2	6
87	2	2	2	6
88	2	2	2	6
89	2	2	2	6
90	2	2	2	6
91	2	2	2	6
92	3	2	2	6
93	2	2	2	7
94	2	2	2	5
95	2	2	2	6
96	2	2	2	6

Illumination Conditions for Spectral Data Collection

81105801

Date	Day of Year	Time Period (GMT)		Solar Zenith Angle Range (degrees)			Solar Azimuth Angle Range (degrees)	Cloud Cover (%)
		Start	Stop	max	min	max		
6/17	168	21:27	21:35					
6/27	177	16:58	17:08				00	
7/9	190	15:10	15:19				00	
7/10	191	15:47	15:48 18:53				00	

~~NOT TEST~~

~~10-22~~