

36  
33.

Kansas  
1975 Irrigation Experiment

Experiment Number: 75101203  
Experimenter: Bauer, Marvin  
Location: Garden City, Kansas

Purpose of Experiment:

Instrument:

NASA/EPL Exotech 200

Library Tapes:

Field Measurements Wavelength Format-3998, 3988

New Page

Dates Data Collected:

Number of Observations Collected

Plot Number	3/31	4/3	4/15	4/28	5/4	5/6	5/16	5/25	6/3
201	1	-	1	1	1	-	-	-	-
202	1	-	1	1	1	-	-	-	-
203	-	1	1	1	1	-	1	1	1
204	-	1	1	1	1	-	-	-	-
205	-	1	1	1	1	-	1	1	1
206	-	1	1	1	1	-	-	-	-
207	-	1	1	1	1	-	1	-	1
208	-	1	1	1	1	-	-	-	-
209	-	-	1	-	-	1	1	-	1
210	-	-	-	-	-	-	-	-	-
211	-	-	-	-	-	1	1	1	1
212	-	-	-	-	-	-	-	-	-
213	-	-	-	-	-	1	1	1	1
214	-	-	1	-	-	-	-	1	1
215	-	-	-	-	-	1	1	1	1
216	-	-	-	-	-	-	-	-	-

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Plot Number <del>Plot</del>	Number of Observations Collected					
	6/12	6/13	6/25	6/29	7/1	7/4
201	—		—	—	—	—
202	—	—	—	—	—	—
203	—		—	—	—	
204	—	—	—	—	—	—
205	—	—		—		
206	—	—	—	—	—	—
207	—			—	—	
208	—	—	—	—	—	
209	—		—	—		
210	—	—	—	—	—	—
211	—		—	—	—	
212	—	—	—	—	—	—
213		—	—	—	—	—
214	—	—	—	—	—	—
215		—	—	—	—	—
216	—	—	—	—	—	—

Irrigated Crop Research Farm  
Garden City, Kansas

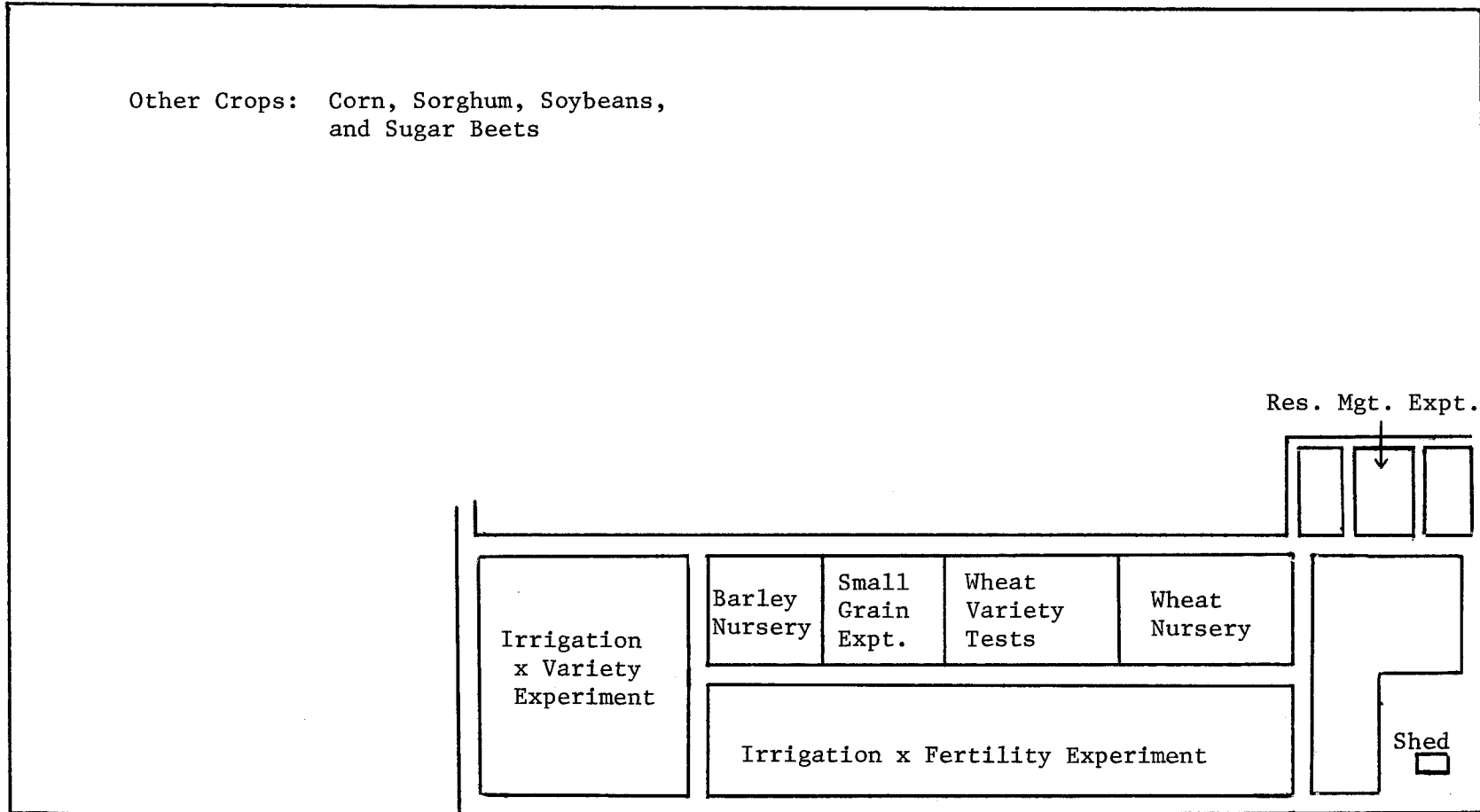
North

Other Crops: Corn, Sorghum, Soybeans,  
and Sugar Beets

West

East

Res. Mgt. Expt.



South

25-1-88

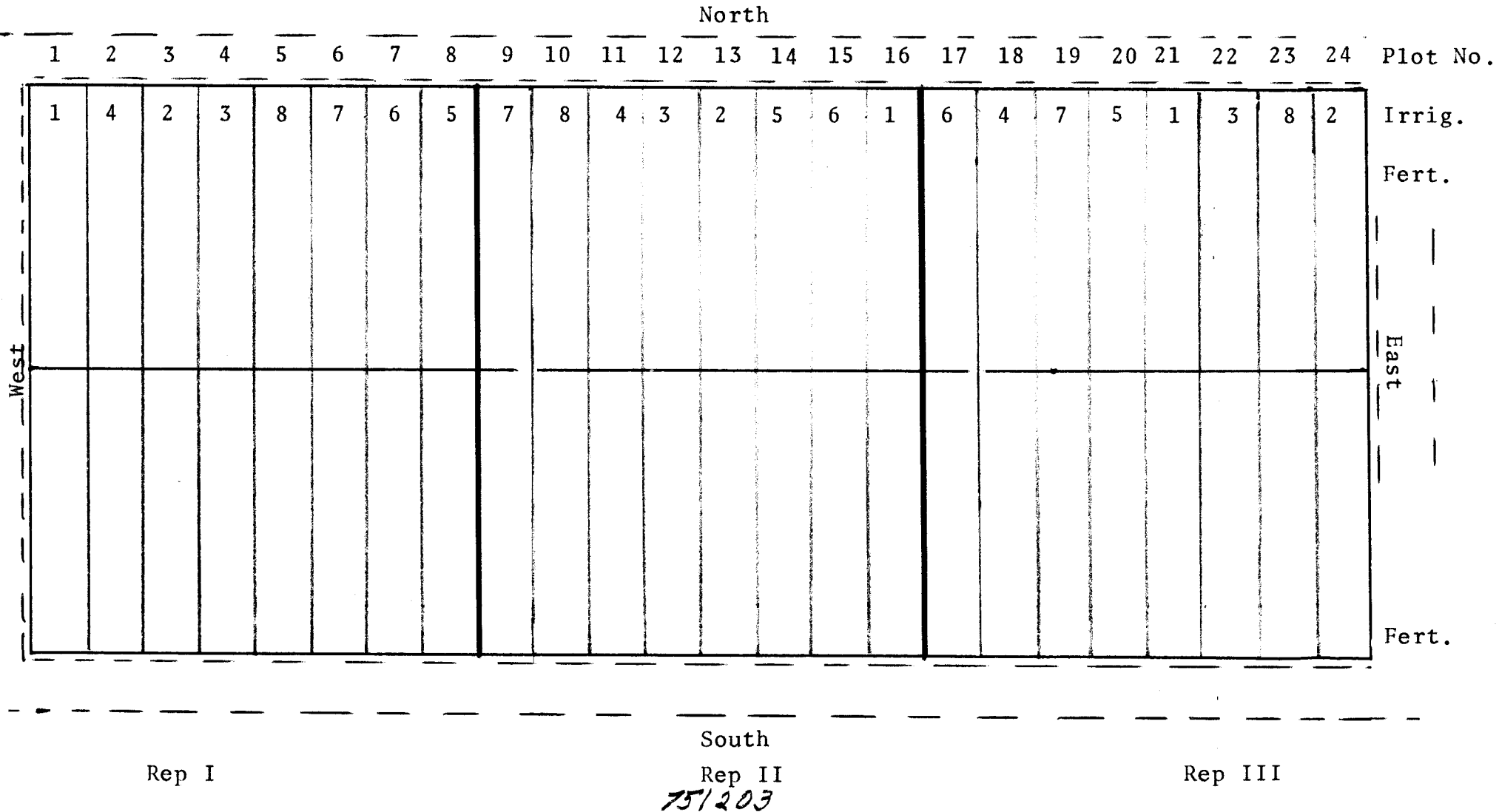
Irrigation x Fertility Expt.  
Garden City, Kansas

Irrigation Trts.

1. Boot
2. Joint & Milk
3. Boot & Milk
4. Joint
5. Joint, Boot, & Milk
6. Milk
7. Joint & Boot
8. No Irrigation

Fertility Trts.

Plots 40' x 210'  
Pre-Irrigated 9/26 - 10/1  
Planted  
Sage Variety  
10" Row Spacing



Irrigation x Variety Expt.  
Garden City, Kansas

		East								
Rep III	1									Sage
	B	A	C	E	G	H	D	F	I	
	2									Centurk
	3									Sturdy
	B									
Rep II	4									Sturdy
	F								G	
	5									Centurk
	F								G	
Rep I	6									Sage
	F									
	7									Sturdy
	E								H	
	8									Sage
	E									
	9									Centurk
	E	F	D	G	I	C	A	B	H	

← 40 → West

North

South

← 105' →

Varieties: (1) Centurk, (2) Sage, (3) Sturdy

Planted 9-30-74  
Road on all sides

Irrigation Treatments

Dry

A. Pre-irrigation only

Medium

B. Pre-irrigation + 3" at boot stage

C. Pre-irrigation + 6" at boot stage

D. Pre-irrigation + 3" at milk stage

E. Pre-irrigation + 6" at milk stage

Wet

F. Pre-irrigation + 3" at boot + 3" at milk stage

G. Pre-irrigation + 3" at boot + 6" at milk stage

H. Pre-irrigation + 6" at boot + 3" at milk stage

I. Pre-irrigation + 6" at boot + 6" at milk stage

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