

SUMMARY SHEETS
ROTATION & TILLAGE EXPERIMENTS
MAIN FIELD - 1955

Crop - Wheat - Main Field		Station - Dickinson, North Dakota						Year - 1955		
Rotation Number	Previous Crop	Cultural Method						Sum	Average	
		DD	DD & Fer	SP	FP	F	GM			
1	corn	17.3								
10	corn	26.3								
11	corn	18.8								
12	corn	22.2								
14	corn	21.7								
16	corn	23.0								
31	corn	20.3								
42	corn	24.7								
19A	corn	15.7								

245	corn	15.0								
49	corn	20.8								
								DD after corn (11)	225.8	20.5
18D	corn		34.0							
19C	corn		26.2							
78	corn		34.7							
79	corn		22.2							
40	corn		22.5							
242	corn		20.3							
								DD after corn and fertilized (6)	159.9	26.7
2	corn			22.3						
								SP after corn (1)	22.3	22.3
3	corn				13.2					
62	corn				18.5					
								FP after corn (2)	31.7	15.9
9	Oats			17.2				Sp after oats (1)	17.2	17.2
4	Oats				15.3					

8	Oats				14.8					
								FP after oats (2)	30.1	15.1
5	Fallow					24.8				
Mc-C	Fallow					21.8				
61	Fallow					25.2				
63	Fallow					22.5				
								After fallow (4)	94.3	23.6
15	S. clover						26.7			
17	S. clover						21.7			
32	S. clover						26.2			
								GM after clover (3)	74.6	24.9
MC-A	Wheat			21.5				SP continuous (1)	21.5	21.5
MC-B	Wheat				12.2			FP continuous (1)	12.2	12.2
415	Potatoes	20.7						DD after potatoes (1)	20.7	20.7

Rotation Number	Previous Crop	Tillage Method						Sum	Average		
		DD	SP	FP	GM	Sod	F				
4	Corn	39.4									
15	Corn	39.1									
17	Corn	43.1									
18A	Corn	43.1									
32	Corn	53.1									
								DD after corn (5)	217.8	43.6	
7	Corn		51.6								
9	Corn		43.8								
									SP after corn (2)	95.4	47.7
2	Wheat		44.1								
61	Wheat		60.3								
62	Wheat		67.5								
63	Wheat		51.6								
									SP after wheat (4)	223.5	55.9
1	Wheat			39.1							

3	Wheat			40.6						
5	Wheat			42.5						
12	Wheat			32.8						
								FP after wheat (4)	155.0	38.8
6	Barley			36.9						
								FP after barley (1)	36.9	36.9
14	S. clover				74.1					
16	S. clover				60.9					
31	S. clover				57.5					
								GM after S. clover (3)	192.5	64.2
42	Alfalfa					53.8				
10	Cr. wht.					47.5				
11	S. clover					54.7				
								after sod (3)	156.0	52.0
8	fallow						65.0			
MC-C	fallow						57.5			

								After fallow (2)	122.5	61.1
MC-A	Oats		35.9					SP continuous	35.9	35.9
MC-B	Oats			28.8				FP continuous	28.8	28.8

Crop - Barley - Main field, Station - Dickinson, North Dakota, Year - 1955						
Rotation Number	Previous Crop	Tillage Method				Sum
		DD	SP	FP	F	
6	Corn	23.3				23.3
7	Oats		20.4			20.4
MC-A	Barley		20.8			20.8
MC-B	Barley			15.6		15.6
MC-C	Fallow				25.4	25.4

Crop- Corn - Main Field				Station -Dickinson, North Dakota				Year - 1955			
Rotation Number	Previous Crop	SP		FP		F		Summary		Average	
		Grain	Silage	Grain	Silage	Grain	Silage	Grain	Silage	Grain	Silage
2	Oats	25.0	8080								
10	Oats	19.3	7320								
11	Oats	5.7	5160								
12	Oats	12.1	7080								
14	Oats	34.3	9760								
16	Oats	33.6	9040								
18A	Oats	24.3	6760								
31	Oats	6.4	5960								
42	Oats	5.0	5160								
62	Oats	7.1	6360								
SP after oats (10)								172.8	70680	17.3	7068
1	Oats			5.7	3520						
3	Oats			6.4	3720						

6	Oats			12.1	4560						
FP after oats (3)								24.2	11800	8.1	3933
9	Wheat	11.4	5840								
15	Wheat	17.9	5560								
17	Wheat	12.1	6240								
32	Wheat	17.9	7600								
SP after wheat (4)								59.3	25240	14.9	6310
4	Wheat	14.3	4760								
FP after wheat (1)								14.3	4760	14.3	4760
19B	Wheat	22.9	6560								
49	Wheat	27.9	7200								
245	Wheat	22.9	5560								
SP after wheat ck (3)								73.7	19320	24.6	6440
19D	Wheat	31.4	8000								
40	Wheat	18.6	5400								
78	Wheat	27.9	7560								
SP after fert wheat (3)								77.9	20960	26.0	6987
18C	Wheat	25.0	6760								

79	Wheat	16.4	6240								
242	Wheat	27.9	5840								
SP after wheat & fert (3)								69.3	18840	23.1	6280
7	Barley	14.3	5800								
SP after barley (1)								14.3	5800	14.3	5800
MC-A	Corn	17.9	4800								
SP continuous								17.9	4800	17.9	4800
MC-B	Corn			21.4	3560						
FP continuous (1)								21.4	3560	21.4	3560
MC-C	Corn					35.0	6720				
Fallow (1)								35.0	6720	35.0	6720

Crop - Crested Wheatgrass, Station - Dickinson, North Dakota, Year - 1955	
Rotation Number	Yield - lbs. per acre
10 D	450
10 E	670

12 B	270
12 C	340
12 D	430

Crop - Alfalfa, Station - Dickinson, North Dakota, Year - 1955	
Rotation Number	Yield - lbs. per acre
42A	620
42B	310

Crop - Sweet Clover, Station - Dickinson, North Dakota, Year - 1955	
Rotation Number	Yield - lbs. per acre
11E	1530

Crop - Potatoes, Station - Dickinson, North Dakota, Year - 1955		
Rotation Number	Previous Crop	Yield - Bu. per acre
		U. S. No. 1
414	Fallow	117.0
415	Wheat	107.0

[Back to 1955 Research Reports Table of Contents](#)

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