

**ROTATION SHEETS
ROTATION AND TILLAGE EXPERIMENTS
FIELD "N" 1952**

ROTATION <u>18-N</u>				YEAR <u>1952</u>
	A	B	C	D
Crop	Fallow	Wheat, F	Corn, SP	Oats, DC
Variety		Pilot	Falconer	Gopher
Plowing date	5-28		5-15	
Plowing depth				
Tillage before seeding	DF 6-12, 7-9	DF 4-23	H 5-16	DD 4-23
Seeding date		4-23	5-16	4-23
Seeding rate		1 bpa	8# per acre	1 /12 bpa
Seeding manner		DD press drill	2 horse planter	DD press drill
Tillage after seeding		Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	H 6-12 Cul 6-20	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52

Harvest date		8-6	9-10	7-31
Total pounds			3300# silage	
Straw pounds				
Grain pounds		1380	820	1000
Yields per acre		23.0 bu.	11.7 bu. shelled corn	31.2 bu.
Grade		56.0#	Good	34.0#

ROTATION <u>19-N</u>				YEAR <u>1952</u>
	A	B	C	D
Crop	Fallow	Oats, F	Corn, SP	Wheat, DC
Variety		Gopher	Falconer	Pilot
Plowing date	5-28			
Plowing depth				
Tillage before seeding	DF 6-12, 7-9	DF 4-23	H 5-16	DD 4-23
Seeding date		4-23	5-16	4-23
Seeding rate		1 1/2 bpa	8# per acre	1 bpa

Seeding manner		DD press drill	2 horse planter	DD press drill
Tillage after seeding		Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	H 6-12 Cul 6-20	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52
Harvest date		7-31	9-10	8-6
Total pounds			2900# silage	
Straw pounds				
Grain pounds		1370	920	810
Yields per acre		42.8 bu.	13.1 bu. shelled corn	13.5 bu.
Grade		34.0#	Good	58.0#

ROTATION <u>68-N</u>			YEAR <u>1952</u>
	A	B	C
Crop	Wheat, DC	Oats, FP	Corn, SP, Manured
Variety	Pilot	Gopher	Falconer
Plowing date		10-1-51	5-15
Plowing depth			
Tillage before seeding	DD 4-23		H 5-16

Seeding date	4-23	4-23	5-16
Seeding rate	1 bpa	1 1/2 bpa	8# per acre
Seeding manner	DD press drill	DD press drill	2 horse planter
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52		H 6-12 Cul 6-20
Harvest date	8-6	7-31	9-10
Total pounds			5300# silage
Straw pounds			
Grain pounds	600	830	1200
Yields per acre	10.0 bu.	25.9 bu.	17.1 bu. shelled corn
Grade	56.5#	34.0#	Good

ROTATION <u>71-N</u>				YEAR <u>1952</u>
	A	B	C	D
Crop	Corn, SP	Wheat, DC	Fallow, Manured	Oats, F
Variety	Falconer	Pilot		Gopher
Plowing date	5-15		5-28	

Plowing depth				
Tillage before seeding	H 5-16	DD 4-23	DF 6-12, 7-9	DF 4-23
Seeding date	5-16	4-23		4-23
Seeding rate	8# per acre	1 bpa		1 1/2 bpa
Seeding manner	2 horse planter	DD press drill		DD press drill
Tillage after seeding	H 6-12 Cul 6-20	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52		Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52
Harvest date	9-10	8-6		7-31
Total pounds	2800# silage			
Straw pounds				
Grain pounds	720	680		1540
Yields per acre	10.3 bu. shelled corn	11.3 bu.		48.1 bu.
Grade	Good	58.0#		36.0#

ROTATION <u>72-N</u>				YEAR <u>1952</u>
	A	B	C	D

Crop	Corn, SP	Oats, DC	Fallow, Manured	Wheat, F
Variety	Falconer	Gopher		Pilot
Plowing date	5-15		5-28	
Plowing depth				
Tillage before seeding	H 5-16	DD 4-23	DF 6-12, 7-9	DF 4-23
Seeding date	5-16	4-23		4-23
Seeding rate	8# per acre	1 1/2 bpa		1 bpa
Seeding manner	2 horse planter	DD press drill		DD press drill
Tillage after seeding	H 6-12 Cul 6-20	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52		Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52
Harvest date	9-10	7-31		8-6
Total pounds	4300# silage			
Straw pounds				
Grain pounds	960	770		1090
Yields per acre	13.7 bu. shelled corn	24.1 bu.		18.2 bu.
Grade	Good	33.5#		59.0#

ROTATION <u>224</u>		YEAR <u>1952</u>
	A	B
Crop	Crested Wheatgrass	Fallow, DF 5-1
Variety	Standard	
Plowing date		
Plowing depth		
Tillage before seeding		DF 5-1, 6-12, 7-9
Seeding date		
Seeding rate		
Seeding manner		
Tillage after seeding		
Harvest date		
Total pounds		
Straw pounds		
Grain pounds		
Yields per acre		

Grade		
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ROTATION <u>225</u>	YEAR <u>1952</u>	
	A	B
Crop	Wheat, P	Fallow, PF 5-1
Variety	Pilot	
Plowing date		5-15
Plowing depth		
Tillage before seeding	DF 4-23	DF 5-1, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	
Harvest date	8-6	
Total pounds		
Straw pounds		
Grain pounds	600	

Yields per acre	10.0 bu.	
Grade	56.0#	

ROTATION <u>226</u>		YEAR <u>1952</u>
	A	B
Crop	Wheat, DF	Fallow, DF 5-15
Variety	Pilot	
Plowing date		
Plowing depth		
Tillage before seeding	DF 4-23	DF 5-15, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	
Harvest date	8-6	
Total pounds		

Straw pounds		
Grain pounds	580	
Yields per acre	9.7 bu.	
Grade	56.0#	

ROTATION <u>227</u>		YEAR <u>1952</u>
	A	B
Crop	Wheat, P	Fallow, PF 5-15
Variety	Pilot	
Plowing date		
Plowing depth		
Tillage before seeding	DF 4-23	DF 5-15, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	
Harvest date	8-6	

Total pounds		
Straw pounds		
Grain pounds	660	
Yields per acre	11.0 bu.	
Grade	54.5#	

ROTATION <u>228</u>	YEAR <u>1952</u>	
	A	B
Crop	Wheat, DF	Fallow, DF 6-1
Variety	Pilot	
Plowing date		
Plowing depth		
Tillage before seeding	DF 4-23	DF 6-2, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre	

	application of Amine 2,4-D on 6-4-525	
Harvest date	8-6	
Total pounds		
Straw pounds		
Grain pounds	980	
Yields per acre	16.3 bu.	
Grade	57.0#	

ROTATION <u>252</u>		YEAR <u>1952</u>
	A	B
Crop	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard
Plowing date		
Plowing depth		
Tillage before seeding		
Seeding date		
Seeding rate		

Seeding manner		
Tillage after seeding		
Harvest date		
Total pounds		
Straw pounds		
Grain pounds		
Yields per acre		
Grade		

ROTATION <u>258</u>		YEAR <u>1952</u>
	A	B
Crop	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard
Plowing date		
Plowing depth		
Tillage before seeding		
Seeding date		

Seeding rate		
Seeding manner		
Tillage after seeding		
Harvest date		
Total pounds		
Straw pounds		
Grain pounds		
Yields per acre		
Grade		

ROTATION <u>416</u>			YEAR <u>1952</u>
	A	B	C
Crop	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard	Standard
Plowing date			
Plowing depth			
Tillage before seeding			

Seeding date			
Seeding rate			
Seeding manner			
Tillage after seeding			
Harvest date			
Total pounds			
Straw pounds			
Grain pounds			
Yields per acre			
Grade			

ROTATION <u>417</u>			YEAR <u>1952</u>
	A	B	C
Crop	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard	Standard
Plowing date			
Plowing depth			

Tillage before seeding			
Seeding date			
Seeding rate			
Seeding manner			
Tillage after seeding			
Harvest date			
Total pounds			
Straw pounds			
Grain pounds			
Yields per acre			
Grade			

ROTATION <u>418</u>			YEAR <u>1952</u>
	A	B	C
Crop	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard	Standard

Plowing date			
Plowing depth			
Tillage before seeding			
Seeding date			
Seeding rate			
Seeding manner			
Tillage after seeding			
Harvest date			
Total pounds			
Straw pounds			
Grain pounds			
Yields per acre			
Grade			

ROTATION <u>419</u>			YEAR <u>1952</u>
	A	B	C
Crop	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass

Variety	Standard	Standard	Standard
Plowing date			
Plowing depth			
Tillage before seeding			
Seeding date			
Seeding rate			
Seeding manner			
Tillage after seeding			
Harvest date			
Total pounds			
Straw pounds			
Grain pounds			
Yields per acre			
Grade			

ROTATION <u>420</u>			YEAR <u>1952</u>
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	A	B	C	D
Crop	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard	Standard	Standard
Plowing date				
Plowing depth				
Tillage before seeding				
Seeding date				
Seeding rate				
Seeding manner				
Tillage after seeding				
Harvest date				
Total pounds				
Straw pounds				
Grain pounds				
Yields per acre				
Grade				

ROTATION <u>431</u>		YEAR <u>1952</u>
	A	B
Crop	Crested wheatgrass	Crested wheatgrass
Variety	Standard	Standard
Plowing date		
Plowing depth		
Tillage before seeding		
Seeding date		
Seeding rate		
Seeding manner		
Tillage after seeding		
Harvest date		
Total pounds		
Straw pounds		
Grain pounds		
Yields per acre		
Grade		

ROTATION <u>472</u>		YEAR <u>1952</u>
	A	B
Crop	Durum	Fallow
Variety	Mindum	
Plowing date		
Plowing depth		
Tillage before seeding	DF 4-23	DF 6-2, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	
Harvest date	8-6	
Total pounds		
Straw pounds		
Grain pounds	520	
Yields per acre	8.7 bu.	

Grade	56.0#	
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ROTATION <u>473</u>	YEAR <u>1952</u>	
	A	B
Crop	Wheat, DF	Fallow
Variety	Pilot	
Plowing date		
Plowing depth		
Tillage before seeding	DF 4-23	DF 6-2, 6-12, 7-9
Seeding date	4-23	
Seeding rate	1 bpa	
Seeding manner	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52	
Harvest date	8-6	

Total pounds		
Straw pounds		
Grain pounds	1020	
Yields per acre	17.0 bu.	
Grade	54.0#	

ROTATION <u>ND - 1</u>				YEAR <u>1952</u>	
	A	B	C	D	E
Crop	Cr. Whtgr.	Cr. Whtgr.	Cr. Whtgr.	Cr. Whtgr.	Cr. Whtgr.
Variety	Standard	Standard	Standard	Standard	Standard
Plowing date					
Plowing depth					
Tillage before seeding					
Seeding date					
Seeding rate					
Seeding manner					

Tillage after seeding					
Harvest date					
Total pounds					
Straw pounds					
Grain pounds					
Yields per acre					
Grade					

ROTATION <u>569</u>			YEAR <u>1952</u>
	A	B	C
Crop	Wheat, F	Wheat, DD	Fallow
Variety	Pilot	Pilot	
Plowing date			5-28
Plowing depth			
Tillage before seeding	DF 4-23	DD 4-23	DF 6-12
Seeding date	4-23	4-23	

Seeding rate	1 bpa	1 bpa	
Seeding manner	DD press drill	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52		
Harvest date	8-6	8-6	
Total pounds			
Straw pounds			
Grain pounds	1070	440	
Yields per acre	17.8 bu.	7.3 bu.	
Grade	56.0#	58.0#	

ROTATION <u>579</u>			YEAR <u>1952</u>
	A	B	C
Crop	Oats, DD	Fallow	Oats, F
Variety	Gopher		Gopher
Plowing date		5-28	
Plowing depth			

Tillage before seeding	DD 4-23	DF 6-12	DF 4-23
Seeding date	4-23		4-23
Seeding rate	1 1/2 bpa		1 1/2 bpa
Seeding manner	DD press drill		DD press drill
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2,4-D on 6-4-52		Sprayed with 3/4 pint per acre application of Amine 2,4-D on 6-4-52
Harvest date	7-31		8-5
Total pounds			
Straw pounds			
Grain pounds	410		1100
Yields per acre	12.8 bu.		34.4 bu.
Grade	35.5 #		34.5#

ROTATION <u>583-N</u>			YEAR <u>1952</u>
	A	B	C
Crop	Wheat, SP	Wheat, DD	Wheat, DD, Stubble burned
Variety	Pilot	Pilot	Pilot

Plowing date	4-22		
Plowing depth			
Tillage before seeding		DD 4-23	DD 4-23
Seeding date	4-23	4-23	4-23
Seeding rate	1 bpa	1 bpa	1 bpa
Seeding manner	DD press drill	DD press drill	DD press drill
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52		
Harvest date	8-6	8-6	8-6
Total pounds			
Straw pounds			
Grain pounds	510	500	540
Yields per acre	8.5 bu.	8.3 bu.	9.0 bu.
Grade	57.5#	58.0#	57.5#

ROTATION <u>Continuous Wheat - N</u>				YEAR <u>1952</u>
	A	B	C	D
Crop	Wheat, SP	Wheat, FP	Wheat, F	Fallow
Variety	Pilot	Pilot	Pilot	

Plowing date	4-22	10-1-51		5-28
Plowing depth				
Tillage before seeding			DF 4-23	
Seeding date	4-23	4-23	4-23	
Seeding rate	1 bpa	1 bpa	1 bpa	
Seeding manner	DD press drill	DD press drill	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52			
Harvest date	8-6	8-6	8-6	
Total pounds				
Straw pounds				
Grain pounds	450	730	750	
Yields per acre	7.5 bu.	12.2 bu.	12.5 bu.	
Grade	60.0#	58.0#	56.5#	

ROTATION <u>Continuous Durum - N</u>				YEAR <u>1952</u>
	A	B	C	D

Crop	Durum, SP	Durum, FP	Durum, F	Fallow
Variety	Mindum	Mindum	Mindum	
Plowing date	4-22	10-1-51		5-28
Plowing depth				
Tillage before seeding			DF 4-23	DF 6-12
Seeding date	4-23	4-23	4-23	
Seeding rate	1 bpa	1 bpa	1 bpa	
Seeding manner	DD press drill	DD press drill	DD press drill	
Tillage after seeding	Sprayed with 3/4 pint per acre application of Amine 2, 4-D on 6-4-52			
Harvest date	8-6	8-6	8-6	
Total pounds				
Straw pounds				
Grain pounds	740	730	740	
Yields per acre	12.3 bu.	12.2 bu.	12.3 bu.	
Grade	56.0#	56.0#	56.0#	

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