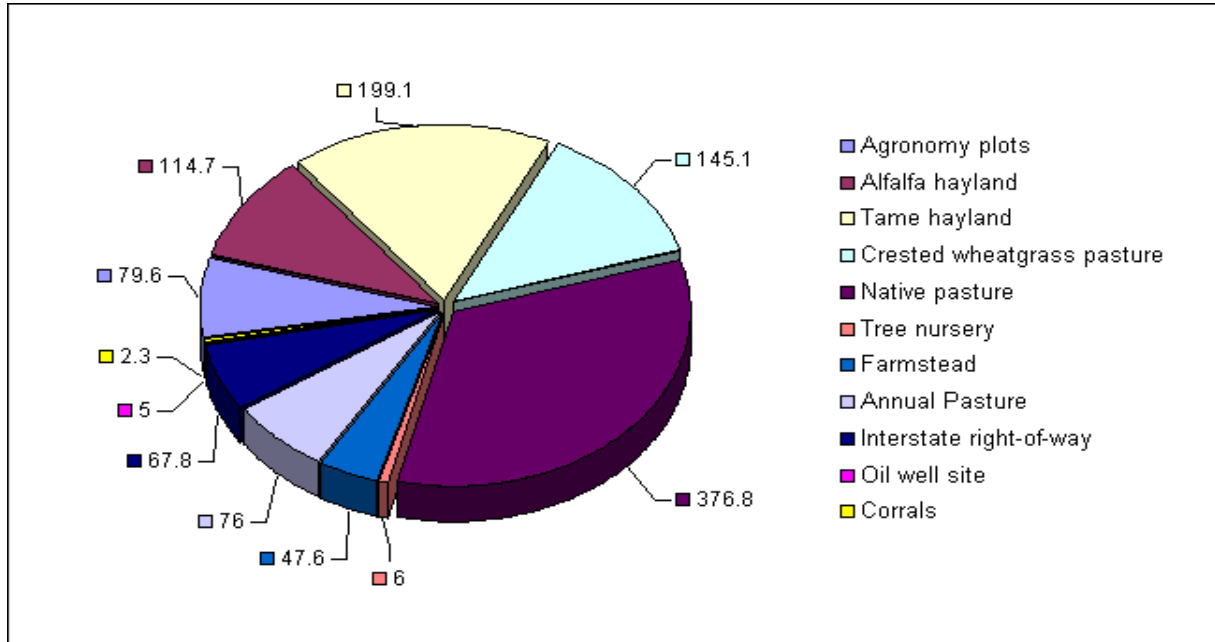


2003 Cropping History

Total Dickinson Research Extension Center Holdings in 2003

Cropland	1263.32
Alfalfa	213.6
Agronomy	79.6
Tame Hay	199.1
Annual Pasture	76
Altai Wildrye	58.8
Crested Wheatgrass Pasture	314.52
Native Range	2576.16
Tree Nursery	6
Oil Well Sites	10
Ranch Farmstead	50.9
DREC Headquarters	47.6
Corrals	2.3
Lost to I-94 right of way	67.8
Highway 22 ditch (Ranch)	13.3
TOTAL ACRES	4979

Summary of 2003 Main Station Cropping Program



Crop	Sec 23	Sec 29	Sec 32	Total
Agronomy plots	7	12.9	59.7	79.6
Alfalfa hayland	84.1		30.6	115
Tame hayland	187.5		11.6	199
Crested wheatgrass pasture		145.1		145
Native pasture	117.4		259.4	377
Tree nursery			6	6
Farmstead	7		40.6	47.6
Annual Pasture	76			76
Interstate right-of-way			67.8	67.8
Oil well site		2	3	5
Corrals	1		1.3	2.3
TOTAL	480	160	480	1120

Pyramid Park Range - native range	595
Oil Well Sites (2 @ 2.5 acres)	5
Total	600

Main Station Cropping History for 2003

Sec 23 - NW 1/4 "Kaisershot"	acres
Alfalfa hayland	14.0
Crested wheatgrass hayland	130.0

Sec 23 - SW 1/4 "Kaisershot"	acres
Alfalfa	3.6
Pasture	117.4
Research pastures	38.0
Corrals	1.0

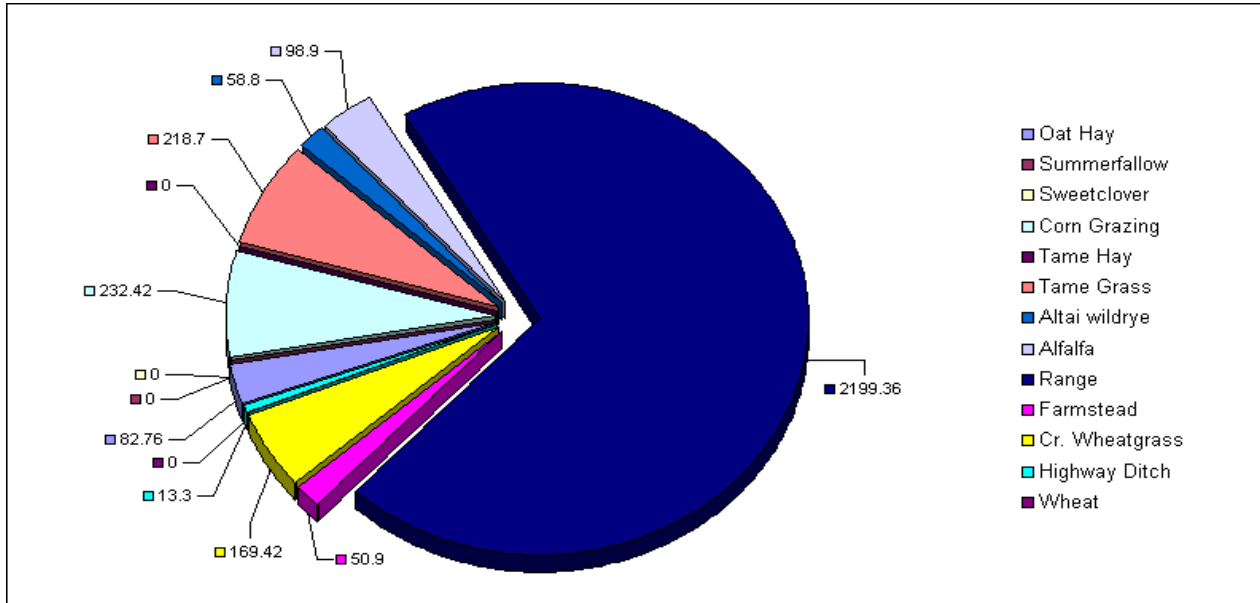
Sec 23 - SE 1/4 "Kaisershot"	acres
Alfalfa hayland	66.5
Tame hay	41.5
Farmstead	7.0
Research Pastures	38.0
Agronomy Plots	7.0

Sec 32 - SE 1/4 "Main Headquarters"	acres
Grounds and trees	40.6
Agronomy plots	29.3
North agronomy plots	6.4
Alfalfa hayland	7.1
Tree nursery plots	6.0
Crested wheatgrass hayland	11.6
Pasture and miscellaneous	31.5
Interstate right of way	27.5

Sec 32 - SW 1/4 "North of I-94 west exit"	acres
Alfalfa hayland	23.5
Agronomy plots	20.5
Pasture and hayland	75.9
Interstate right of way	40.3

Sec 32 - NW 1/4 "Conoco oil well quarter"	acres
Agronomy plots	2.0
Pasture land	153.5
Corrals	1.5
Oil well site	3.0

Ranch Cropping History for 2003



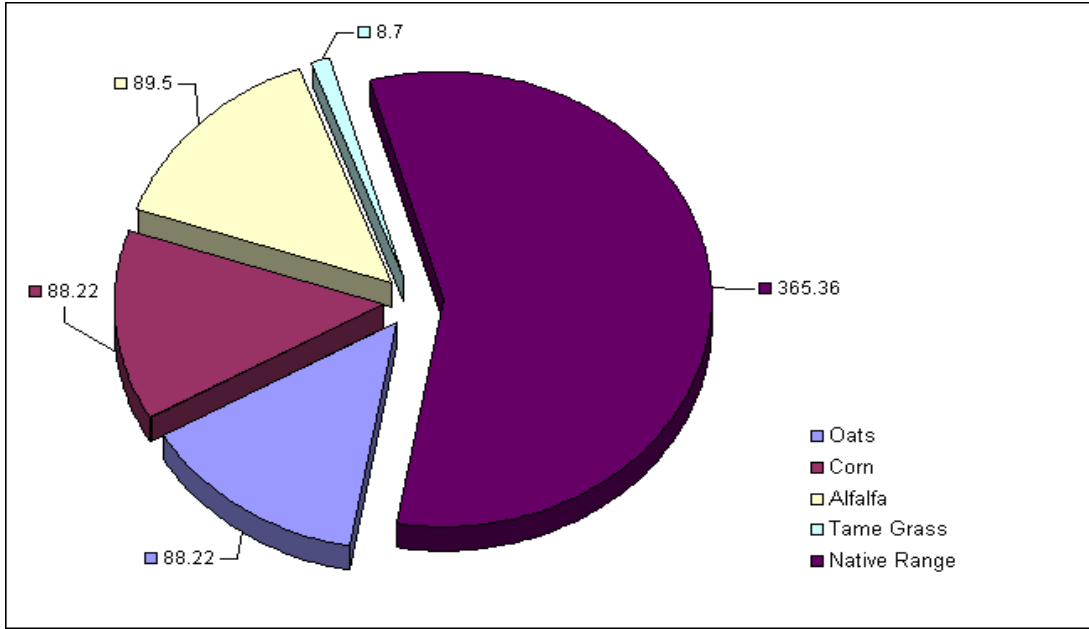
Crop	Sec 16	Sec 18	Sec 19	Sec 20	Sec 21	Sec 22 NW all	Sec 23 SW 1/4	Sec 24 NE 1/4	Sec 28 N 1/2, SW 1/4	Total
Oat Hay					9.4	23.1	28.5	21.76		82.76
Summerfallow										0
Oat Sweetclover										0
Sweetclover										0
Corn Silage										0
Corn Grazing			88.22		7	21	48.2	68		232.42
Tame Hay										0
Tame Grass			8.7		210					218.7
Altai wildrye					21.5	37.3				58.8
Alfalfa			89.5		3.4	6	0			98.9
Range	640	11.1	365.36	19	286.3	335	62.6		480	2199.36
Farmstead						50.9				50.9
Cr. Wheatgrass		28.9			102.4	6.7	20.7	10.72		169.42
Highway Ditch								13.3		13.3
Wheat										0
Oats & Rye								21.76		
Rye								24.46		
Barley			88.22							88.22
Total	640	40	640	19	640	480	160	160	480	3259

Section 16-143-96 - 640 acres native range pasture (north of ranch headquarters)

Section 18-143-96

Field #	Acres	Crop	Use
1	2.5	Grass	Pasture
2	26.4	Grass	Pasture
	11.1	Native Range	Pasture
Total	40		

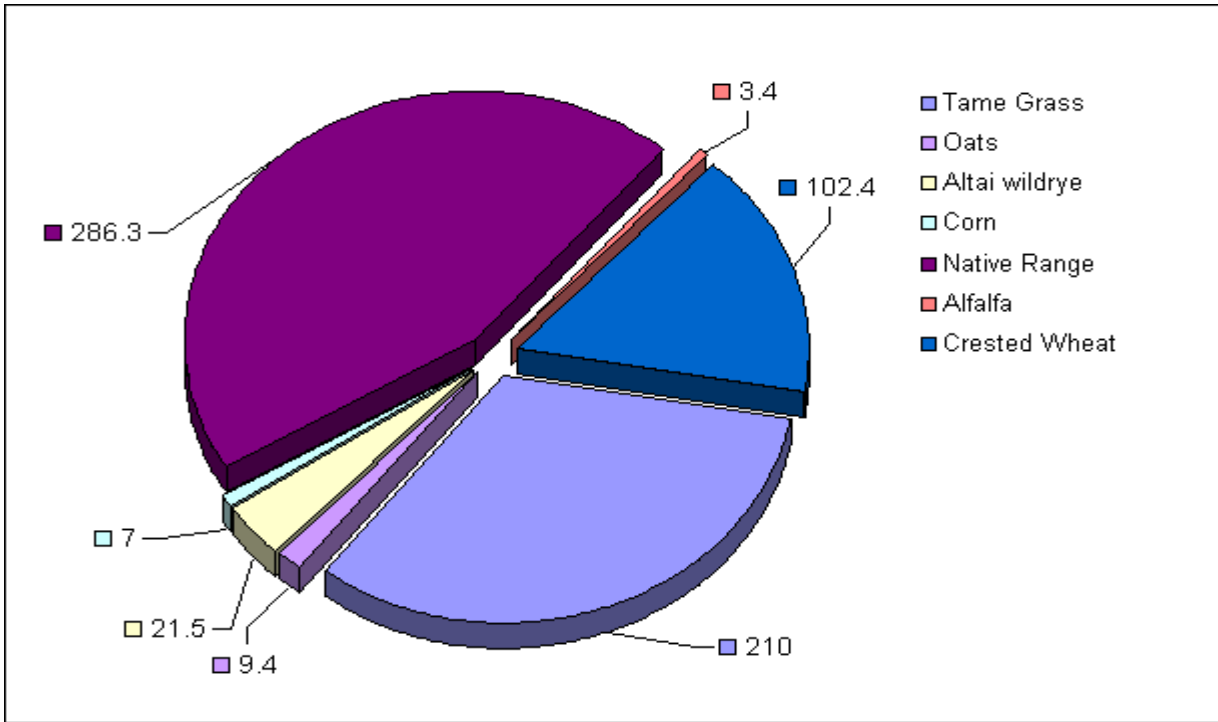
Section 19-173-96 "West Section"



Field#	Crop	Acres	Use
1	Corn	44.1	Grazing
2	Oats	44.1	Grazing
3	Corn	44.1	Grazing
4	Oats	44.1	Grazing
5	Native Range	14.2	Pasture
6	Native Range	14.2	Pasture
7	Native Range	14.2	Pasture
8	Native Range	14.2	Pasture
9	Alfalfa	4.7	Hay
10	Alfalfa	4.7	Hay
11	Alfalfa	4.7	Hay
12	Alfalfa	38.5	Hay
13	Native Range	4.8	Pasture
14	Alfalfa	4.7	Hay
15	Tame Grass	8.7	Hay
16	Alfalfa	13.4	Hay
17	Alfalfa	4.7	Hay
18	Alfalfa	4.7	Hay
19	Alfalfa	4.7	Hay
20	Alfalfa	4.7	Hay
21	Native Range	4.7	Pasture
22	Native Range	4.7	Pasture
23	Native Range	4.7	Pasture
24	Native Range	4.7	Pasture
Native Range		285	
Total		640	
Oats		88.22	
Corn		88.22	
Alfalfa		89.5	
Tame Grass		8.7	
Native Range		365.36	
Totals		640	

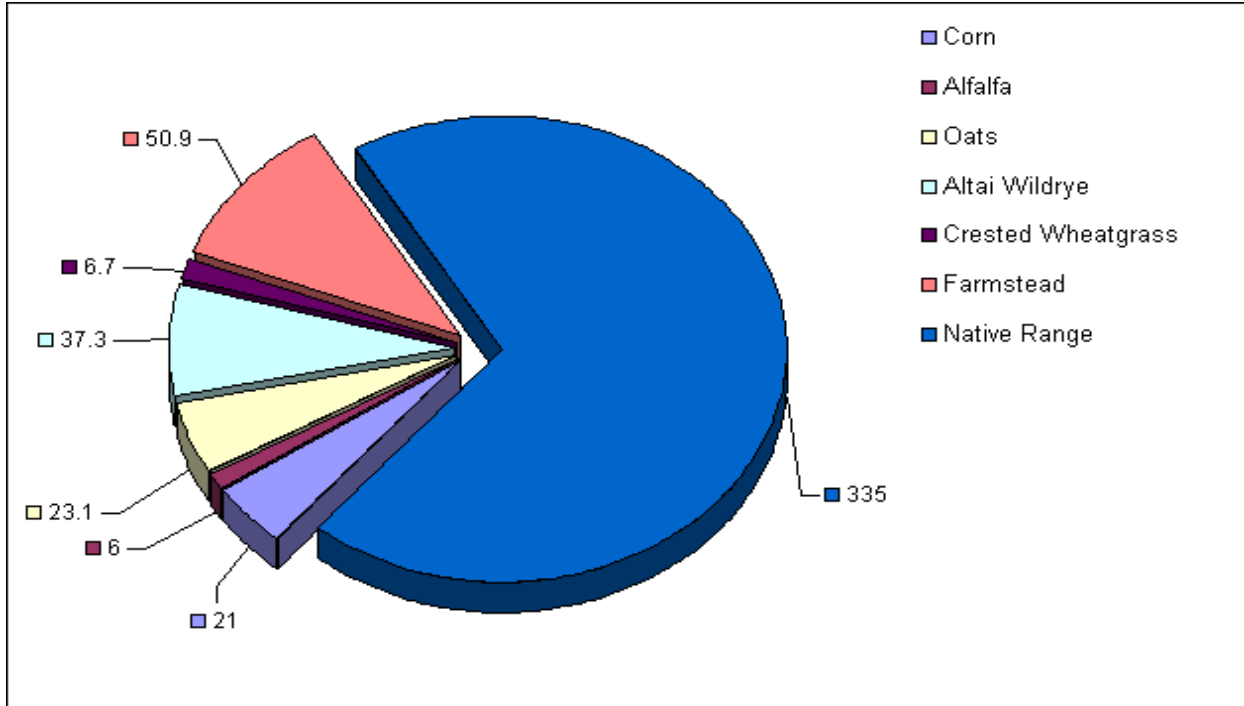
Section 20-143-96 - 19 acres native range (radio tower butte)

Section 21-143-96 (West of Ranch headquarters)



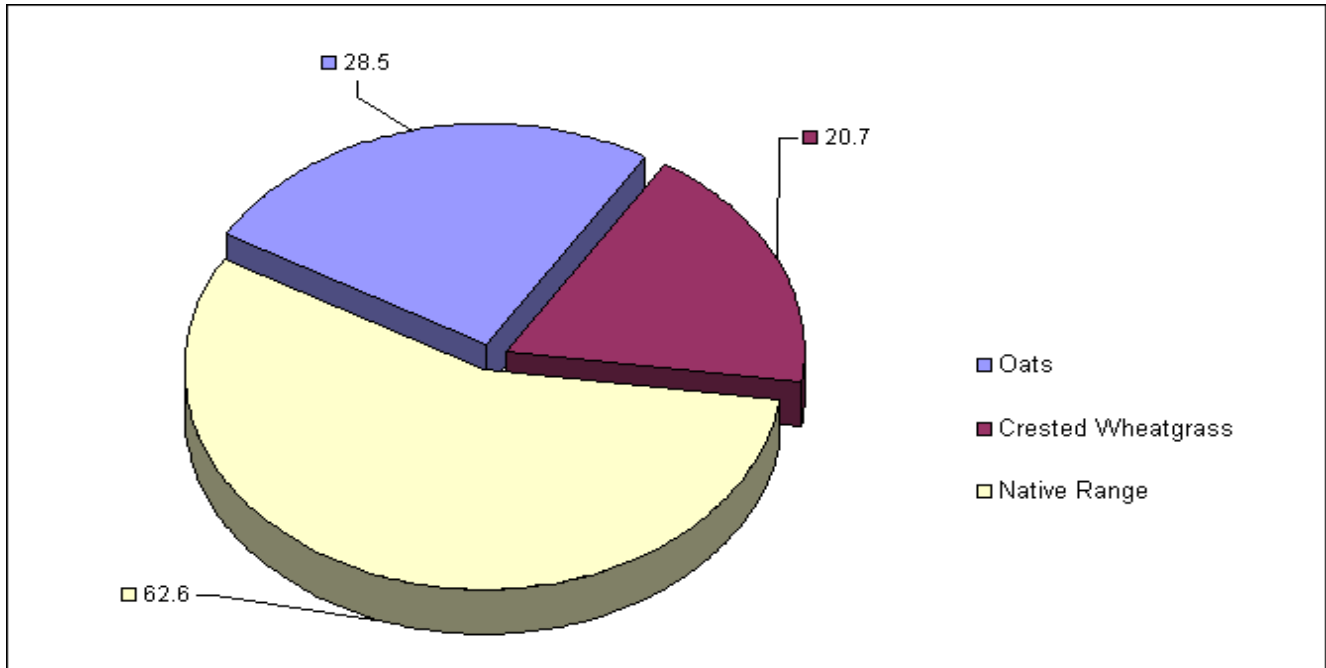
Field#	Crop	Acres	Use		
1a	Crested Wheat	13	Grazing		
1b	Crested Wheat	13	Grazing		
1c	Crested Wheat	6.2	Grazing		
1d	Native Range	25.8	Grazing		
2a	Tame Grass	210	Pasture		
2b	Crested Wheat	13	Grazing		
2c	Crested Wheat	13	Grazing		
2d	Crested Wheat	21.6	Grazing		
2e	Crested Wheat	22.6	Grazing	Tame	210
6	Oats	2.3	Hay	Oats	9.4
18	Altai wildrye	21.5	Pasture	Altai	21.5
19a	Oats	7.1	Hay	Corn	7
19b	Corn	7	Grazing	Native	286.3
24	Alfalfa	3.4	Hay	Alfalfa	3.4
	Native Range	260.5	Native Pasture	Crested	102.4
				Totals	640
Total		640			

Section 22-143-96 (NW 1/4, SW 1/4) Ranch Headquarters)



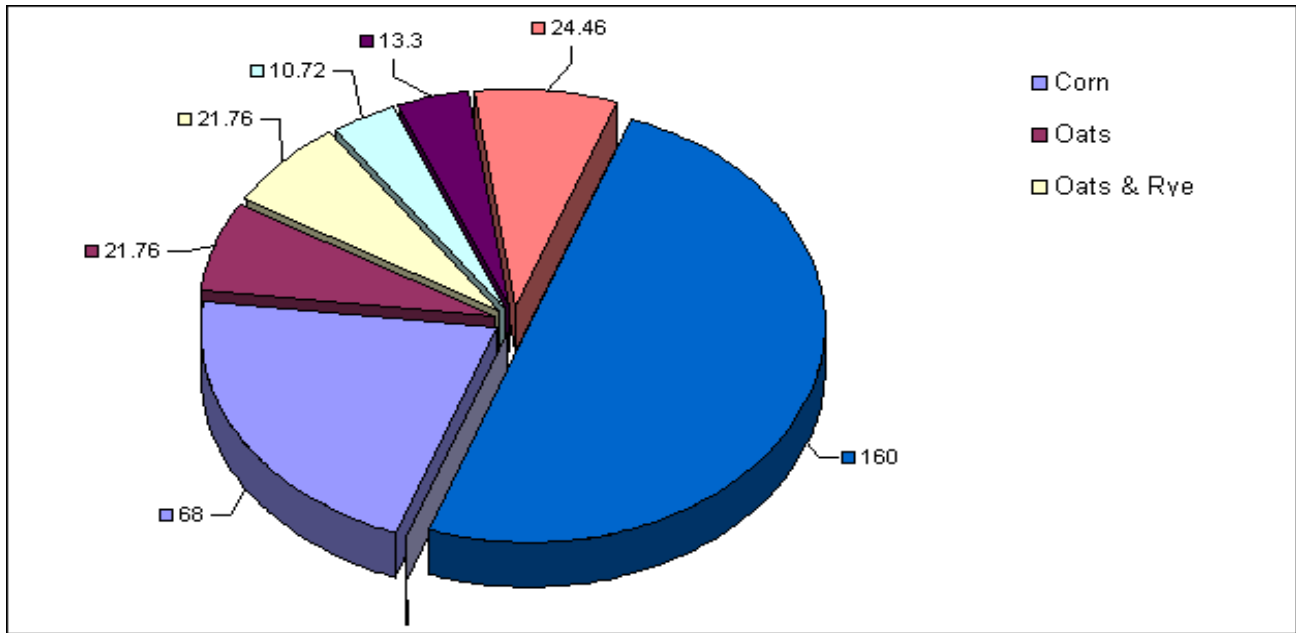
Field#	Crop	Acres	Use	Totals	
23A	Oats	13.9	Grazing		
23B	Corn	13.9	Hay		
22	Alfalfa	6	Hay	Corn	21
21A	Oats	7.1	Hay	Alfalfa	6
21B	Corn	7.1	Grazing	Oats	23.1
20	Altai Wildrye	37.3	Pasture	Altai Wildrye	37.3
8	Oats	2.1	Hay	Crested Wheatgrass	6.7
5	Crested Wheatgrass	6.7	Pasture	Farmstead	50.9
	Farmstead	50.9		Native Range	335
	Native Range	335	Native Pasture		
Total		480			480

Section 23-143-96 (SW 1/4)



Field#	Crop	Acres	Use	Totals	
11	Crested Wheatgrass	12.7	Pasture		
1A	Oats	7.1	Hay		
2A	Oats	6.5	Hay	Oats	28.5
3A	Oats	6.5	Hay	Crested Wheatgrass	20.7
4A	Oats	6.5	Hay	Native Range	62.6
5A	Corn	13.4	Hay	Corn	48.2
6A	Corn	8	Hay		
7A	Corn	16.2	Hay		160
8A	Corn	8.6	Hay		
17	Crested Wheatgrass	8	Hay		
	Oats	1.9	Hay		
	Corn	2	Grazing		
	Native Range	62.6	Native Pasture		
Total		160			

Section 24-143-96 (NW 1/4) W of Hwy 22



Field#	Crop	Acres	Use	Totals	
1	Corn	18.3	Grazing/Hay		
	Oats	6.1	Grazing/Hay		
	Oats & Rye	6.1	Grazing/Hay		
	Rye	6.1	Grazing/Hay		
2	Corn	17.8	Grazing/Hay	Corn	68
	Oats	5.93	Grazing/Hay	Oats	21.8
	Oats & Rye	5.93	Grazing/Hay	Oats & Rye	21.8
	Rye	5.93	Grazing/Hay	Crested Wheatgrass	10.7
3	Corn	13.65	Grazing/Hay	Highway ditch	13.3
	Oats	3.65	Grazing/Hay	Rye	24.5
	Oats & Rye	3.65	Grazing/Hay		160
	Rye	6.35	Grazing/Hay		
4	Corn	18.25	Grazing/Hay		
	Oats	6.08	Grazing/Hay		
	Oats & Rye	6.08	Grazing/Hay		
	Rye	6.08	Grazing/Hay		
	Crested Wheatgrass	10.72	Grazing		
	Highway ditch	13.3	Hay		
Total		160			

Section 28-143-96 - 480 acres range pasture (radio tower pastures)