



# IRRIGATION BRANCH

## ALBERTA IRRIGATION DISTRICTS

ACREAGES, WATER RATES,  
IRRIGATION DELIVERIES  
AND  
CROP SUMMARIES

1995

AEAG  
HD  
1741  
A4  
A42  
1995  
c.1

**Alberta**  
AGRICULTURE



## ALBERTA IRRIGATION DISTRICTS

ACREAGES, WATER RATES,  
IRRIGATION DELIVERIES  
AND  
CROP SUMMARIES

1995

**Alberta**

AGRICULTURE, FOOD AND  
RURAL DEVELOPMENT

Irrigation Branch  
Planning Section  
Lethbridge, Alberta

ALBERTA AGRICULTURE / PWSS LIBRARY  
7000 - 113 STREET, EDMONTON  
ALBERTA, CANADA T6H 5T6

May 1996

*For more information please contact Mr. Zafar Iqbal or Mr. Brian Taylor,  
Planning Section, Irrigation Branch, Alberta Agriculture, Food and Rural  
Development, Agriculture Centre, Lethbridge, Alberta T1J 4C7. Telephone  
(403) 381-5170.*

## INTRODUCTION

This report is prepared by Alberta Agriculture, Food and Rural Development; Irrigation Branch; Planning Section. The pie charts present graphically, crops that are grown on actually irrigated acres within the thirteen irrigation districts of southern Alberta. A final pie chart entitled "Alberta Irrigation Districts" presents the total crops grown on actually irrigated acres in southern Alberta.

## LIST OF FIGURES

	<u>Page No.</u>
Table I - Crops Grown Within The Thirteen Irrigation Districts - 1995	3
Table II - Crops Grown on Acutally Irrigated Acres Within The Thirteen Irrigation Districts - 1995	4
Assessed Acreage Within The Thirteen Irrigation Districts of Southern Alberta	5
Acres Actually Irrigated Within The Thirteen Irrigation Districts of Southern Alberta	6
Irrigation Districts Annual Water Rates	7
South Saskatchewan River Basin Annual Irrigation Deliveries	8
Processed Vegetables in Southern Alberta	9

**Pie Charts**

1. Aetna, Leavitt, Mountain View and Ross Creek Irrigation Districts
2. Bow River Irrigation District
3. Eastern Irrigation District
4. Lethbridge Northern Irrigation District
5. Magrath Irrigation District
6. Raymond Irrigation District
7. St. Mary River Irrigation District
8. Taber Irrigation District
9. United Irrigation District
10. Western Irrigation District
11. Alberta Irrigation Districts

TABLE I - CROPS GROWN WITHIN THE THIRTEEN IRRIGATION DISTRICTS - 1995

CROPS	AID			BRID			MID			MVD			RD			RCID			SARID-W			SARID-E			TID			UID			WID			TOTALS																																																
	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated	Assessed	Actual	But Not Irrigated																																																	
Barley Seed	160	23,037	693	3,706	223	180	6,448	430	3,820	13,374	18,017	16,444	10,328	607	8,640	966	701	9,781	6,079	9,821	190,109	12	390	29,000	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947
CPS Wheat	390	5,670	190	834	495	626	1,059	141	760	3,252	2,884	3,135	2,755	1,842	1,531	182	2,435	1,277	3,475	811	1,448	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947			
Durum	58	1,201	31	800	174	100	160	212	305	1,184	1,025	1,057	1,184	306	305	353	395	1,113	5,440	18,229	11,955	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947			
Grain Corn	546	1,201	31	800	174	100	160	212	305	1,184	1,025	1,057	1,184	306	305	353	395	1,113	5,440	18,229	11,955	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947			
Mixed Spring Wheat	66	200	65	1,375	262	349	724	269	729	2,272	1,348	1,011	372	319	262	330	350	2,062	317	374	136	1,448	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Oats	88	537	65	1,375	262	349	724	269	729	2,272	1,348	1,011	372	319	262	330	350	2,062	317	374	136	1,448	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Rye	131	422	15,725	3,273	47,200	5,230	1,000	258	6,097	3,966	823	833	1,053	256	2,887	1,350	38	4,582	2,965	10,447	3,503	821	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Sort Spring Wheat	131	422	15,725	3,273	47,200	5,230	1,000	258	6,097	3,966	823	833	1,053	256	2,887	1,350	38	4,582	2,965	10,447	3,503	821	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Wheat Seed	131	422	15,725	3,273	47,200	5,230	1,000	258	6,097	3,966	823	833	1,053	256	2,887	1,350	38	4,582	2,965	10,447	3,503	821	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Winter Wheat	131	422	15,725	3,273	47,200	5,230	1,000	258	6,097	3,966	823	833	1,053	256	2,887	1,350	38	4,582	2,965	10,447	3,503	821	190	46,932	1,448	6,293	776	157,165	165	2,897	84,092	9,843	7,981	255,033	2,095	12,057	7,009	422	192	150,823	750	119,826	486	10,301	4,489	617	3,468	148	1,506	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947		
Barley Silage	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Corn Silage	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Green Feed	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Hay Silage	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Alfalfa Hay	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Alfalfa	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956	3,170	5,210	13,095	11,335	35,133	208	635	835	67	740	280	334	1,087	1,700	623	1,974	1,543	1,357	93	35	15,648	21,543	144	3	30	34,505	6,464	373	40	519	16,497	256,947	39,130	47,812	1,256,947																															
Brome Hay	196	18,711	445	23,671	783	5,346	2,268	270	908	1,485	40	6,920	7,950	23,021	663	1,956																																																																		



TABLE II - CROPS GROWN ON ACTUALLY IRRIGATED ACRES WITHIN THE THIRTEEN IRRIGATION DISTRICTS - 1995

IRRIGATION DISTRICTS																	
CROPS	AID	LID	MVID	RCID	sub-total	SMRID West	SMRID East	SMRID sub-total	BRID	EID	LNID	MID	RID	TID	UID	WID	DISTRICT TOTALS
CEREALS	0	0	0	0	0	38,220	73,189	111,409	84,112	68,673	28,610	180	4,779	23,836	1,008	7,356	329,963
FORAGES	765	1,000	1,053	643	3,461	33,892	52,574	86,466	52,325	149,419	58,726	2,800	10,364	22,395	3,818	24,698	414,472
OIL SEEDS	0	0	0	0	0	8,378	28,275	36,653	27,892	26,092	6,301	270	908	2,451	0	5,210	105,777
SPECIALTY CROPS	0	0	0	0	0	17,393	36,566	53,959	27,844	18,065	6,696	0	382	23,037	209	1,866	132,058
OTHER	0	0	0	0	0	484	202	686	155	1,327	256	0	40	389	0	0	2,853
TOTAL IRRIGATED ACRES	765	1,000	1,053	643	3,461	98,367	190,806	289,173	192,328	263,576	100,589	3,250	16,473	72,108	5,035	39,130	985,123

This table is a summary of the data from Table I. The data in this table is comprised from the addition of a number of columns in Table I. These are listed below for each title and shown on the pie charts.

CROPS	COLUMNS
Cereals	a to l
Forages	m to x
Oil Seeds	y to af
Specialty Crops	ag to be
Other	bf to bi (not shown on pie charts)

**ASSESSED ACREAGE WITHIN THE THIRTEEN IRRIGATION DISTRICTS  
OF SOUTHERN ALBERTA**

YEAR	AID	BRID	EID	LID	LNID	MID	MVID	RID	RCID	SMRID	TID	UID	WID	TOTAL
1970	6,673	23,783	199,729	4,523	89,360	8,506	3,719	20,847	2,068	197,540	57,484	33,353	44,066	691,651
71	6,548	24,071	200,459	4,343	89,883	8,105	3,719	20,349	2,068	199,572	59,172	33,353	43,949	695,591
72	3,131	24,196	202,225	4,305	89,379	9,042	3,719	20,269	2,068	204,051	59,833	33,353	43,899	699,470
73	3,081	26,756	205,481	4,305	98,206	9,182	3,719	20,647	2,068	216,136	61,692	33,353	43,919	728,545
74	3,081	118,741	207,245	4,421	105,958	9,077	3,717	23,257	2,068	237,244	63,823	34,034	44,219	856,885
1975	3,081	131,764	212,982	4,430	108,106	8,871	3,720	26,920	2,068	252,019	62,692	33,358	45,311	895,322
76	3,081	139,665	219,405	4,430	109,629	9,069	3,720	28,350	2,069	262,231	66,423	33,358	52,190	933,620
77	3,081	147,795	224,967	4,430	111,735	9,480	3,720	31,626	1,319	274,301	68,178	33,617	68,549	982,798
78	3,104	153,120	227,202	4,431	111,947	10,737	3,717	31,570	1,776	284,151	68,815	33,651	71,603	1,005,824
79	3,104	150,160	227,254	4,477	111,924	10,797	3,710	31,524	1,776	287,329	69,828	33,546	74,525	1,009,954
1980	3,104	164,889	229,110	4,477	112,562	10,797	3,710	33,681	1,776	293,126	70,368	33,544	76,029	1,037,173
81	3,096	174,641	230,553	4,457	113,845	10,963	3,710	35,385	1,776	299,548	70,819	33,417	79,633	1,061,843
82	3,127	179,613	239,651	4,423	114,919	11,647	3,710	39,130	1,716	301,446	71,529	33,383	81,864	1,086,158
83	2,916	181,174	244,099	4,440	116,745	12,357	3,710	39,148	1,776	313,728	72,623	33,448	81,480	1,107,644
84	3,051	183,529	244,243	4,440	117,869	13,047	3,710	41,729	1,776	319,712	72,971	33,534	82,974	1,122,585
1985	3,399	185,034	246,658	4,460	118,883	14,218	3,710	44,990	1,319	328,063	73,063	33,854	84,245	1,141,896
86	3,444	189,202	247,804	4,460	126,307	14,579	3,690	44,950	1,210	331,493	73,314	34,336	83,924	1,158,713
87	3,444	190,263	249,372	4,479	128,867	14,885	3,690	44,407	1,210	334,285	73,654	34,450	85,405	1,168,411
88	3,435	192,424	252,432	4,709	131,565	15,030	3,690	44,196	1,210	339,091	73,602	34,615	86,198	1,182,197
89	3,500	194,977	256,353	4,729	133,620	15,569	3,700	44,144	1,210	342,451	74,898	34,818	87,242	1,197,211
1990	3,500	199,980	260,523	4,742	135,632	15,099	3,728	44,044	1,150	349,849	74,568	34,769	88,480	1,216,064
91	3,527	201,070	263,889	4,762	137,719	16,665	3,728	44,305	1,150	350,108	77,740	34,687	88,112	1,227,462
92	3,519	202,499	269,462	4,800	139,688	16,391	3,734	44,279	1,150	351,393	78,177	34,868	87,949	1,237,909
93	3,519	204,466	270,008	4,780	138,095	16,775	3,737	44,229	1,210	353,039	78,412	34,772	87,453	1,240,495
94	3,519	205,983	272,024	4,780	141,517	16,785	3,727	44,219	1,210	353,466	78,629	34,438	86,725	1,247,022
1995	3,519	207,652	273,848	4,780	143,608	17,908	3,727	43,678	1,210	356,618	78,676	34,428	86,942	1,256,594

NOTE: BRID increased 94,000 acres in 1974 with the amalgamation of the BRID and the Bow River (Federal) project.

PREPARED BY: ALBERTA AGRICULTURE, FOOD AND RURAL DEVELOPMENT, IRRIGATION BRANCH, LETHBRIDGE

**ACRES ACTUALLY IRRIGATED WITHIN THE THIRTEEN IRRIGATION DISTRICTS  
OF SOUTHERN ALBERTA**

YEAR	AID	BRID	EID	LID	LNID	MID	MVID	RID	RCID	SMRID	TID	UID	WID	TOTAL	
1911										47,000			500	47,500	
12										76,200			500	76,700	
13										76,200			2,600	78,800	
14			7,806							76,200			8,448	92,454	
1915			7,806							76,200			512	84,518	
16			1,497							71,281			859	73,637	
17			9,605							91,780			3,657	105,042	
18			24,440							102,900			25,191	152,531	
19			43,460							112,569			31,908	187,937	
1920		4,240	60,762							60,893	2,000		4,083	131,978	
21		9,400	88,299							75,550	10,352		33,618	217,219	
22		9,509	93,375							75,558	13,122		49,752	241,316	
23		11,249	42,928		6,963					72,345	3,625		3,074	140,184	
24		9,720	84,200		29,991					71,700	13,051	5,264	24,297	238,223	
1925		13,252	72,994		43,628					81,110	13,472	10,000	5,384	239,840	
26		13,467	74,401		56,395					78,399	14,385	10,026	19,561	266,634	
27		810	7,921		10,012	1,235				20,365	576	41	1,273	42,233	
28		19,373	45,677		33,436	800		6,800		21,153	3,171	2,577	3,892	136,879	
29		29,260	78,610		61,231	4,000		6,634		25,713	10,094	3,102	37,394	256,038	
1930		31,207	89,913		70,007	5,161		7,000		67,004	19,322	5,847	41,570	337,031	
31		29,803	90,724		70,408	3,400	300	9,000		68,089	19,914	12,983	47,593	352,214	
32		26,379	90,651		41,842	4,000	800	10,000		68,000	18,998	11,500	6,680	280,850	
33		22,440	96,019		62,416	4,000	1,168	12,000		70,000	18,854	10,500	40,812	338,209	
34		22,705	101,566		54,200	4,000	1,950	13,000		70,000	18,490	10,000	31,131	327,042	
1935		25,257	143,997		73,022	4,000	3,000	13,000		70,000	19,471	12,000	19,109	382,856	
36		27,170	111,781		62,790	4,000	2,900	13,000		75,274	19,123	18,000	44,614	378,652	
37		30,817	124,645		70,020	4,000	3,500	13,000		72,250	21,296	17,500	50,866	407,894	
38		34,614	133,928		73,297	4,000	3,500	12,000		75,749	20,880	10,000	35,775	403,743	
39		36,874	141,688		56,712	3,700	3,200	12,000		76,492	18,485	10,500	11,647	371,298	
1940		37,906	146,211		72,492	3,700	3,000	13,000		76,639	21,391	10,500	20,134	404,973	
41		35,312	156,501		63,575	3,700	3,400	14,000		76,579	15,103	11,000	20,144	399,314	
42		37,946	166,453		31,102	3,700	3,400	10,000		57,575	14,108	12,000	9,194	345,478	
43		35,143	168,496		67,777	3,500	3,254	12,000		75,707	20,935	12,000	7,666	406,478	
44		37,266	167,094	526	75,927	3,500	3,400	12,000		75,725	21,325	13,000	20,000	429,763	
1945		38,838	167,100	1,000	57,126	3,500	3,300	12,000		75,766	21,218	13,000	20,000	412,848	
46		42,251	166,328	1,300	64,894	3,500	3,000	12,000		76,013	21,222	13,500	19,000	423,008	
47		43,611	168,580	1,300	57,343	3,500	3,500	12,000		110,848	19,141	7,453	20,000	447,276	
48		44,160	172,894	1,500	55,374	3,500	3,700	12,000		76,351	17,720	2,970	12,000	402,169	
49		46,975	177,084	1,500	72,807	3,500	3,300	12,000		70,117	21,533	19,228	26,345	454,389	
1950		36,508	180,000	2,500	78,721	3,500	3,300	12,000		77,674	21,864	9,758	23,100	448,925	
51		24,283	183,316	941	21,979	3,500	100	12,000		83,682	8,739	1,869	1,000	341,409	
52		40,416	149,289	941	35,314	3,500	3,350	12,000		86,297	21,251	6,072	700	359,130	
53		40,000	114,776	980	37,409	5,000	3,392	13,000	1,100	76,624	22,503	8,894	500	324,178	
54		40,000	187,612	254	58,745	7,000	3,392	16,000	2,100	102,266	27,224	10,333	1,500	456,426	
1955		40,000	190,976	423	31,753	7,000	3,132	16,000	1,500	81,100	20,530	10,115	5,000	407,529	
56		109,400	191,568	852	31,588	7,000	2,773	15,500	1,800	98,647	21,009	11,082	6,000	497,219	
57		55,374	189,792	2,779	51,809	7,000	2,733	16,000	1,685	116,713	21,579	15,886	7,000	488,350	
58		56,995	188,928	1,542	51,916	7,000	2,760	15,500	1,500	123,440	22,854	11,032	9,870	493,337	
59	360	54,514	188,721	1,542	46,459	7,000	2,789	15,800	405	155,155	25,426	17,761	9,930	525,862	
1960		71,392	189,761	1,542	71,006	5,000	2,789	15,200	200	179,477	29,448	16,536	12,000	594,791	
61	1,800	80,603	189,421	1,542	73,637	6,000	2,760	18,300	200	157,300	30,747	23,095	23,000	608,405	
62	2,177	83,259	190,866	4,167	73,317	7,000	2,760	18,500	200	155,500	36,029	28,465	30,000	632,260	
63	2,315	87,267	192,324	4,511	63,000	7,250	2,789	18,500	200	170,000	33,902	27,012	25,000	634,070	
64	2,523	86,034	193,381	4,511	70,575	7,500	2,789	18,000	200	170,000	39,015	19,376	24,000	637,904	
1965		2,523	44,507	194,824	4,511	22,778	3,000	2,789	15,000	1,500	165,000	26,005	9,805	2,750	494,992
66	2,523	40,423	195,905	4,523	19,196	4,000	2,789	16,000	1,050	165,000	25,904	12,725	3,100	493,138	
67	2,523	71,936	196,549	4,523	47,962	5,000	2,789	17,000	1,250	160,000	38,235	11,866	12,870	572,503	
68	2,523	82,876	198,352	4,523	56,993	4,400	2,789	15,200	900	154,336	45,420	10,109	10,000	588,421	
69	2,523	79,980	198,248	4,523	35,902	4,500	2,789	15,000	900	124,879	45,980	10,228	13,500	538,952	
1970		2,523	77,580	199,729	4,523	49,783	5,000	2,789	15,000	1,000	134,982	50,094	15,019	15,000	573,022
71	2,424	81,018	186,219	4,343	60,207	5,500	2,789	15,000	1,100	149,444	52,185	14,417	16,000	570,646	
72	2,400	82,928	175,915	4,305	58,817	5,750	2,000	15,000	675	147,884	52,470	11,061	17,000	576,205	
73	2,400	98,185	183,279	4,305	80,995	5,600	3,720	15,000	800	176,120	58,826	22,233	19,000	670,463	
74	2,424	108,021	188,657	4,305	90,085	6,000	3,737	18,000	700	190,847	60,981	11,710	22,000	707,467	
1975		2,400	98,332	179,095	4,430	70,859	6,000	3,000	21,500	600	171,883	44,606	4,952	34,036	641,693
76	2,400	125,380	201,438	4,600	96,661	9,070	2,910	22,680	700	213,085	59,116	13,355	40,000	791,395	
77	2,500	131,492	208,785	4,430	97,829	7,000	2,000	30,000	350	237,660	64,115	15,000	48,525	849,686	
78	2,400	127,236	204,192	4,430	93,562	6,000	2,775	31,060	578	198,755	56,940	8,671	33,329	769,928	
79	2,500	133,517	213,837	4,476	100,467	8,000	2,900	31,264	623	249,232	62,635	13,000	46,570	869,041	
1980		2,500	134,493	212,524	4,476	95,979	8,000	2,900	19,137	600	251,914	63,202	12,607	43,986	852,318
81	2,500	140,300	216,200	4,476	90,552	8,650	2,783	19,462	0	259,564	66,206	15,064	28,389	854,146	
82	1,200	152,144	216,620	3,000	104,533	8,500	3,154	25,169	650	268,916	67,305	10,054	41,996	903,241	
83	1,200	168,461	231,125	3,000	108,141	9,000	3,154	28,055	650	288,969	68,474	12,734	46,638	969,601	
84	1,200	173,334	238,000	3,000	102,301	10,200	3,154	34,728	600	300,071	69,847	12,313	46,638	995,386	
1985		2,933	174,087	244,763	3,664	114,635	13,000	3,184	36,286	700	305,560	70,133	12,620	49,666	1,031,231
86	2,933	174,903	246,916	3,600	113,663	13,000	3,184	36,008	700	307,875	69,928	13,146	48,000	1,033,856	
87	2,200	178,482	245,514	4,076	119,562	12,400	3,321	36,008	700	305,964	69,413	12,526	46,984	1,037,150	
88	2,500	173,400	241,494	3,900	124,555	13,436	3,100	36,496	500	316,223	69,581	14,536	52,950	1,052,671	
89	1,962	181,106	249,623	3,900	127,330	13,555	2,000	35,766	0	323,400	70,278	11,693	52,153	1,072,765	
1990		2,446	183,147	253,261	4,500	127,439	14,000	2,500	36,911	0	338,274	73,329	11,523	49,000	1,096,330
91	2,473	182,932	246,083	4,200	130,989	15,000	2,880	32,847	650	319,745	73,169	11,548	48,300	1,070,816	
92	2,519	182,543	256,342	4,200	131,305	15,240	2,880	36,788	0	324,477	74,229	15,499	43,889	1,089,911	
93	0	184,463	259,778	0	67,565	0	0	0	0	262,718	66,158	0	40,007	880,689	
94	1,940	187,247	259,942	4,200											



IRRIGATION DISTRICTS ANNUAL WATER RATES

YEAR	AID	AID pipelines	BRID	EID	LID	LID pipelines	LNID	MID	MID pipelines	MVID	RID	RCID	SMRID	TID	UID	WID
1982	\$2.50		\$6.50	\$6.50	\$5.00		\$12.00	\$6.00		\$3.00	\$6.25	\$3.00	\$12.00	\$10.75	\$3.25	\$6.30
83	\$5.00		\$9.00	\$6.75	\$8.00		\$12.50	\$6.00		\$5.20	\$6.50	\$3.00	\$12.00	\$11.00	\$3.25	\$6.50
84	\$6.00		\$10.00	\$7.00	\$8.00		\$12.50	\$6.00		\$5.20	\$6.50	\$3.00	\$12.00	\$11.00	\$3.25	\$6.75
1985	\$6.00		\$10.00	\$7.00	\$7.50		\$12.50	\$6.00	\$13.50	\$5.20	\$6.50	\$4.00	\$12.00	\$11.00	\$3.25	\$7.25
86	\$6.00		\$10.00	\$7.25	\$7.50		\$12.50	\$6.00	\$13.50	\$5.20	\$6.50	\$6.00	\$13.00	\$11.00	\$3.25	\$7.47
87	\$6.00		\$10.00	\$7.50	\$7.50	\$9.50	\$12.50	\$6.00	\$13.50	\$5.20	\$6.50	\$6.00	\$13.00	\$11.00	\$3.25	\$7.47
88	\$7.00	\$9.00	\$10.00	\$7.50	\$8.00	\$10.00	\$12.50	\$6.00	\$13.50	\$5.20	\$6.50	\$6.00	\$13.00	\$12.00	\$3.25	\$7.70
89	\$7.00	\$9.00	\$10.00	\$8.00	\$8.00	\$10.00	\$13.50	\$6.00	\$13.50	\$6.20	\$6.50	\$6.00	\$13.25	\$12.00	\$3.50	\$8.00
1990	\$8.00	\$10.00	\$10.00	\$8.50	\$8.00	\$10.00	\$13.50	\$6.00	\$13.50	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$3.75	\$11.00
91	\$8.00	\$10.00	\$10.00	\$8.50	\$7.00	\$10.00	\$13.50	\$6.00	\$13.50	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$4.00	\$13.00
92	\$8.00	\$10.00	\$11.00	\$8.50	\$7.00	\$10.00	\$14.00	\$6.00	\$13.50	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$4.25	\$13.50
93	\$8.00	\$10.00	\$11.00	\$8.50	\$7.00	\$10.00	\$14.00	\$6.00	\$12.45	\$6.20	\$6.50	\$6.00	\$14.25	\$12.00	\$4.50	\$13.50
94	\$8.00	\$10.00	\$12.00	\$8.50	\$7.00	\$10.00	\$14.00	\$6.50	\$10.50	\$6.20	\$7.00	\$6.00	\$15.25	\$12.00	\$4.50	\$14.75
95	\$8.00	\$10.00	\$13.00	\$8.50	\$8.00	\$11.00	\$14.00	\$7.00	\$10.50	\$8.00	\$7.00	\$8.50	\$16.15	\$12.00	\$4.50	\$14.75

NOTE: Districts charge an additional pressure charge above this rate on pipelines

PREPARED BY: ALBERTA AGRICULTURE, FOOD AND RURAL DEVELOPMENT, IRRIGATION BRANCH, LETHBRIDGE

SOUTH SASKATCHEWAN RIVER BASIN ANNUAL IRRIGATION DELIVERIES

OLDMAN RIVER BASIN												BOW RIVER BASIN				
DISTRICT	AID	LID	LNID	MID	MVID	RCID	RID	SMRID	TID	UID	BRID	EID	WID	TOTALS		
WATER SOURCE	diversion from Belly River	diversion from Belly River	diversion from Oldman River	diversion from SMRID main canal	diversion from Belly River	diversion from Gros Ventre Ct. and Ross Ok.	diversion from SMRID main canal	diversion from Belly, Waterton and S.Mary Rivers	diversion from SMRID main canal	diversion from Belly and Waterton Rivers	diversion from Bow River	diversion from Bow River	diversion from Bow River			
EXPANSION LIMITS (acres)	3,550	4,770	187,000	16,300	3,700	1,200	46,500	372,000	82,200	34,000	210,000	281,000	95,000	1,319,500		
WATER LICENCES (acre-ft.)	9,000	12,000	317,000	34,000	8,000	3,000	81,000	722,000	156,000	66,000	380,000	792,000	160,400	2,714,400		
YEAR	VOLUME OF WATER DIVERTED															
1976			154,844	7,600		1,881	36,414	339,188	86,330	14,998	309,000	565,100	153,222	1,068,877		
77			189,436	14,300		2	48,317	423,509	122,209	31,050	304,600	572,100	137,008	1,822,531		
78			85,934	3,900		2,489	12,848	202,066	35,303	10,620	204,268	387,100	102,859	1,047,487		
79			135,630	9,500		5,581	24,521	303,097	84,736	23,517	285,539	542,846	138,630	1,546,577		
1980			134,576	8,100		0	19,944	340,254	84,558	17,754	287,892	548,686	136,198	1,588,262		
81			132,955	5,910		264	22,162	379,075	108,427	12,242	307,452	577,968	108,030	1,655,068		
82			142,688	9,404		3,551	27,697	332,337	91,988	19,133	281,000	481,258	126,712	1,518,773		
83			150,790	9,800		1,354	14,955	381,537	97,674	24,078	313,897	580,299	146,737	1,701,121		
84			177,543	14,106		67	17,544	492,874	101,643	25,093	322,335	657,640	182,140	1,970,785		
1985	5,020	8,500	184,028	13,457	4,250	3,827	27,302	425,563	95,751	24,193	337,409	655,188	158,897	1,732,400		
86	4,074	6,850	182,408	13,515	3,212	22,045	406,536	426,536	101,597	20,106	308,580	680,592	131,333	1,876,833		
87	4,362	5,844	181,597	11,781	3,180	1,321	40,559	426,434	98,621	19,958	275,841	639,928	129,712	1,635,554		
88	6,910	9,398	222,943	23,414	6,066	256	55,411	563,821	121,668	30,462	389,166	730,274	171,668	2,068,812		
89	4,613	3,517	188,622	10,795	2,750	122	34,540	594,255	76,386	16,372	301,442	605,148	122,416	1,867,441		
1990	3,754	5,328	192,136	16,186	3,280	296	32,000	487,244	98,572	16,133	334,304	689,178	128,081	1,769,110		
91	3,556	4,488	184,840	16,521	2,862	1,775	30,702	391,634	94,956	17,003	284,340	626,872	147,547	1,560,491		
92	2,170	11,216	137,008	12,281	4,118	0	441,745	441,745	101,122	18,628	336,878	625,650	135,387	1,895,598		
93	2,128	1,924	61,775	5,792	988	3,300	13,574	218,375	56,278	8,107	210,340	423,551	114,309	1,051,822		
94	4,110	4,319	180,000	8,073	3,325	758	28,328	415,162	103,028	16,827	364,128	559,476	132,104	1,823,134		
1995	1,802	1,548	110,200	2,180	881	208	17,600	385,280	82,395	7,710	244,160	602,098	118,254	1,458,576		
Avg. Volume (acre ft.)	3,866	5,693	156,147	10,829	3,155	1,448	27,927	390,981	93,428	18,789	296,179	587,698	135,158	1,623,854		

NOTES: Data is obtained from Water Survey of Canada (WSC), Alberta Environmental Protection (AEP) and Irrigation Districts' annual reports.

- MID has other turnouts which supply water from the SMRID main canal, but there is no data recorded from these sites

- RCID has a second supply from Ross Creek, but no data has been consistently recorded

PREPARED BY: ALBERTA AGRICULTURE, FOOD AND RURAL DEVELOPMENT, IRRIGATION BRANCH, LETHBRIDGE

**PROCESSED VEGETABLES IN SOUTHERN ALBERTA**

<b>CROP</b>	<b>SEEDED (acres)</b>	<b>HARVESTED (acres)</b>
<b>BEANS</b>	503	438
<b>CARROTS</b>	62	54
<b>CORN</b>	3884	3429
<b>PEAS</b>	3163	2918
<b>RED BEETS</b>	21	20
<b>TOTAL</b>	<b>7633</b>	<b>6859</b>

NOTES: Data is obtained from the Alberta Vegetable  
Growers' Marketing Board

—processing is defined as canned or frozen  
vegetables for human consumption

**IRRIGATED CROPS – 1995**

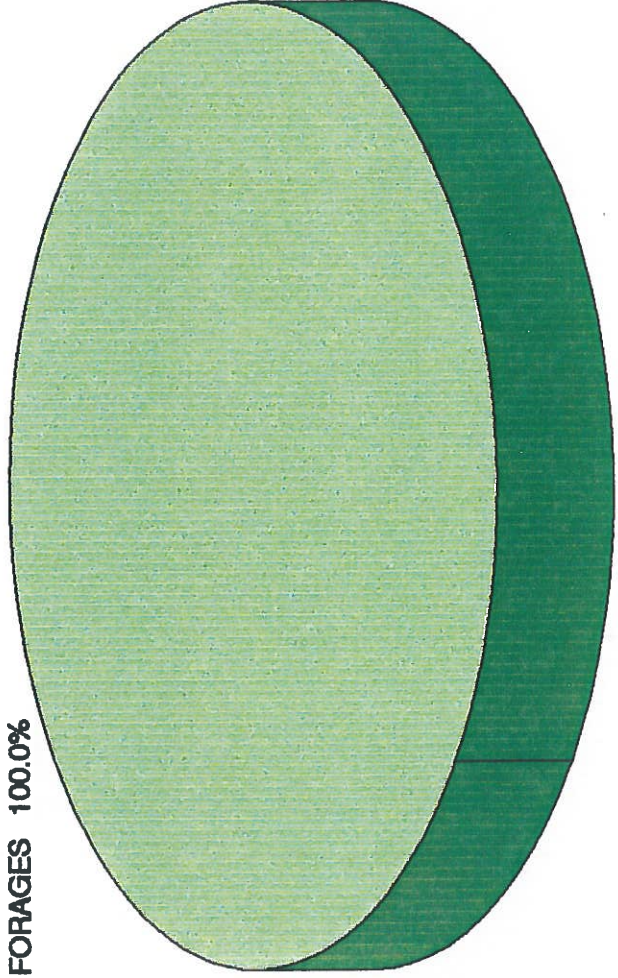
**PIE CHARTS**



# IRRIGATED CROPS - 1995

Aetna, Leavitt, Mountain View and Ross Creek  
Irrigation Districts

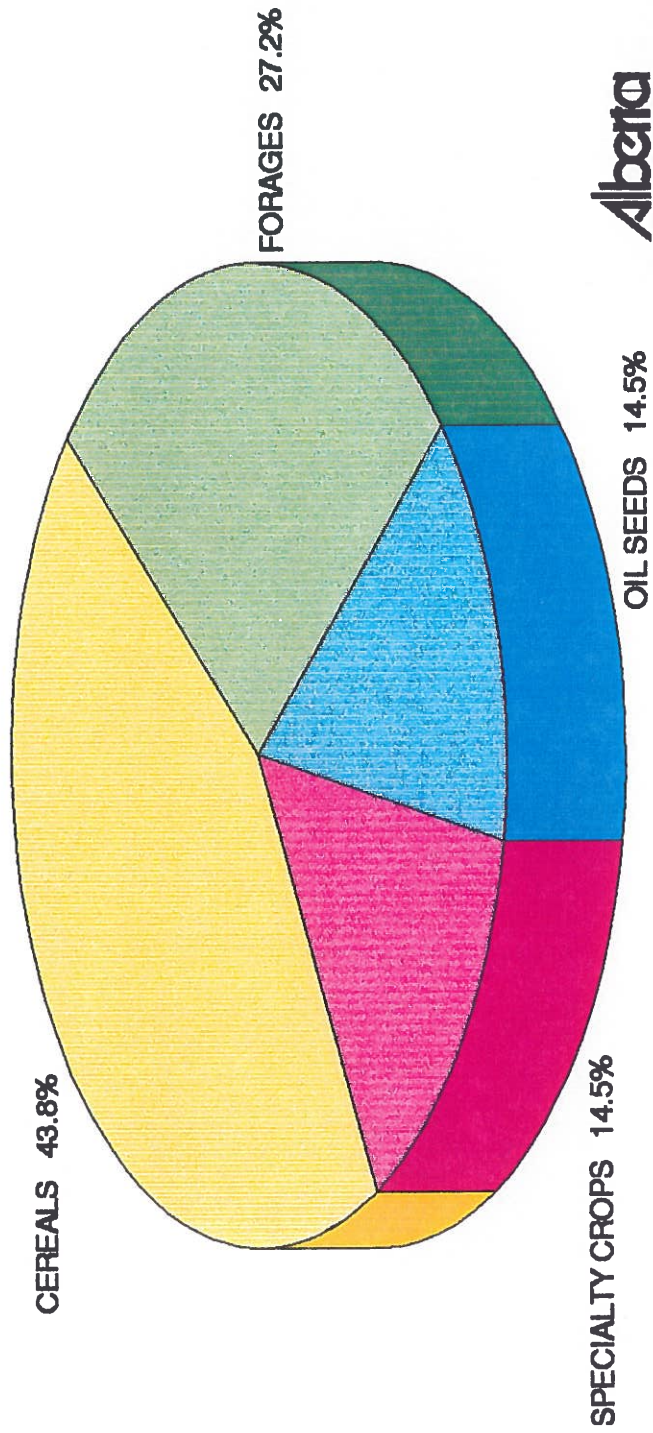
FORAGES 100.0%





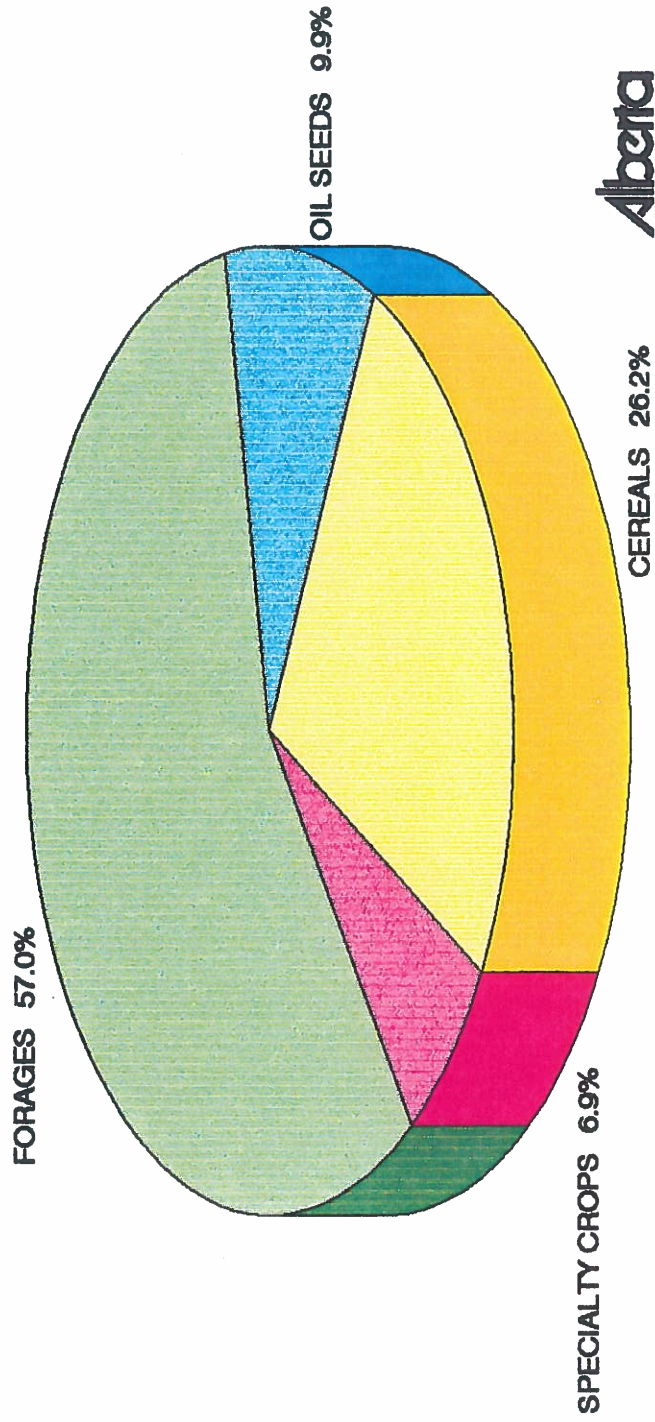
# IRRIGATED CROPS - 1995

Bow River Irrigation District



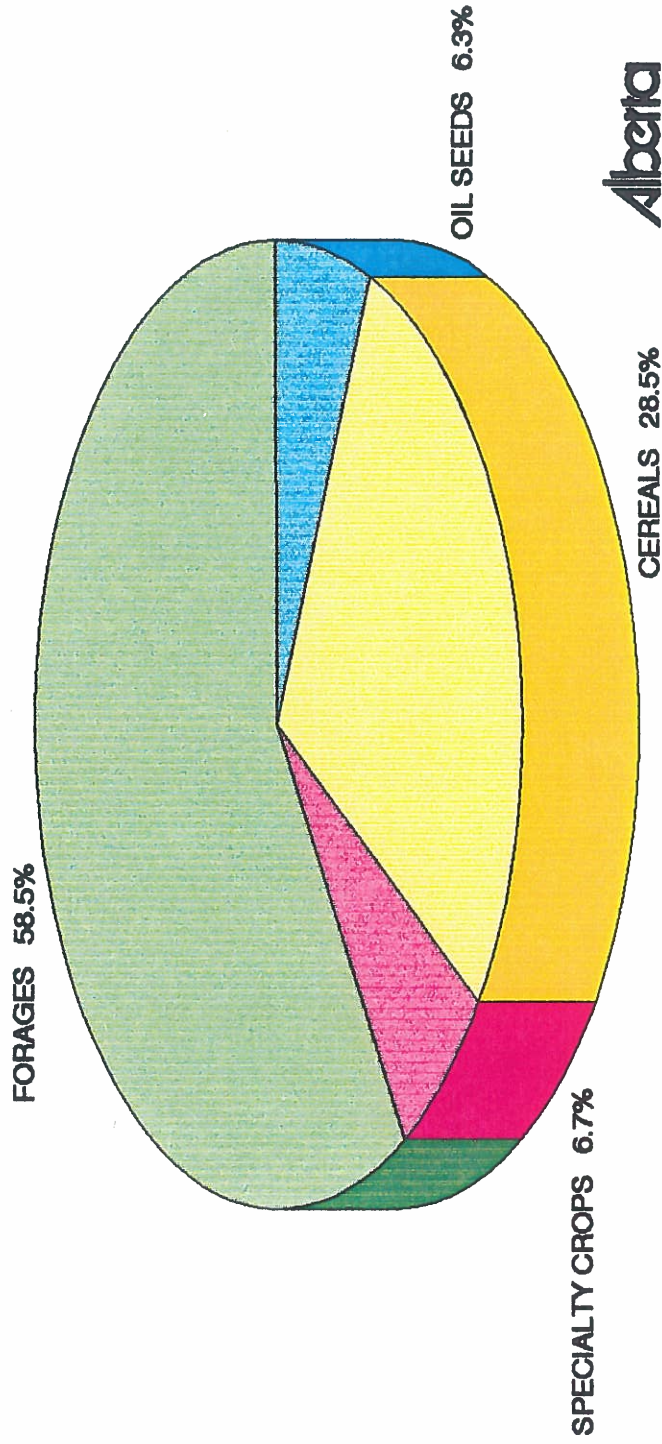
# IRRIGATED CROPS - 1995

## Eastern Irrigation District



# IRRIGATED CROPS - 1995

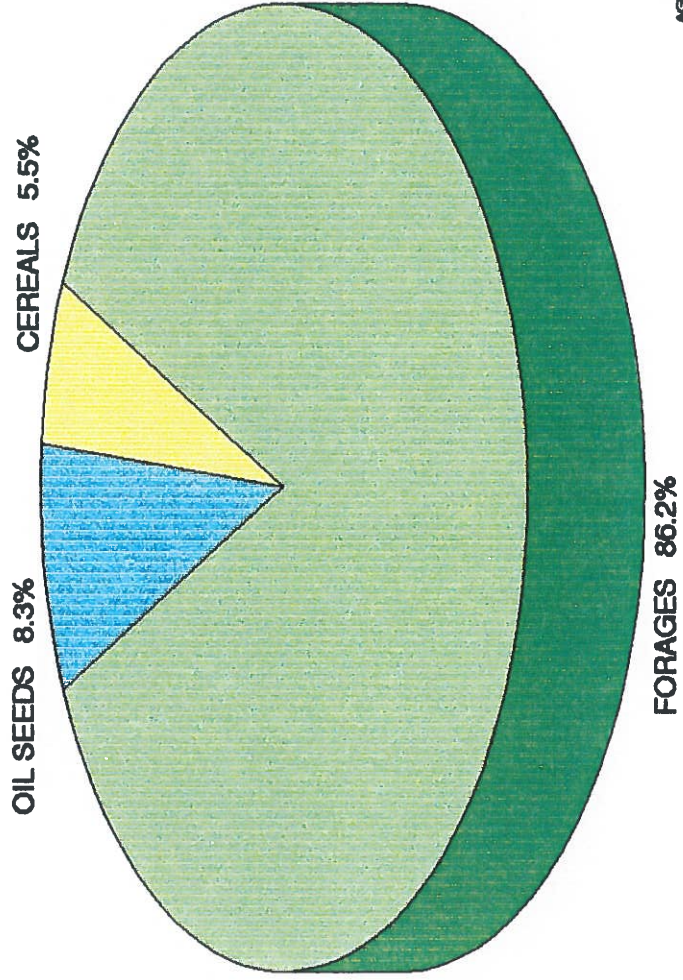
## Lethbridge Northern Irrigation District





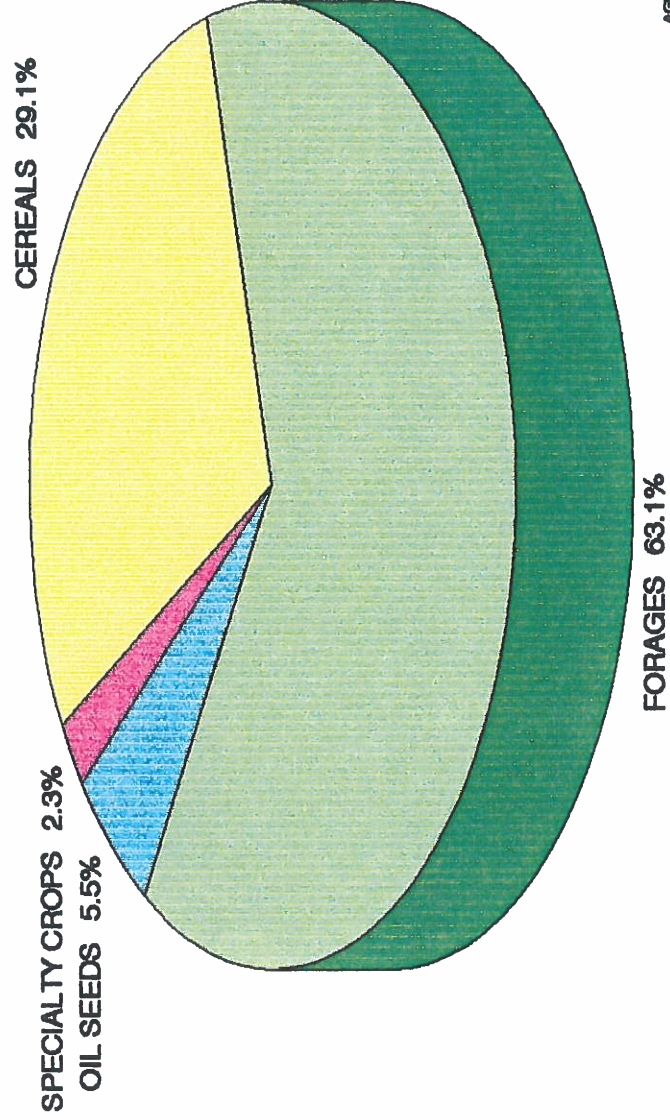
# IRRIGATED CROPS - 1995

## Magrath Irrigation District



# IRRIGATED CROPS - 1995

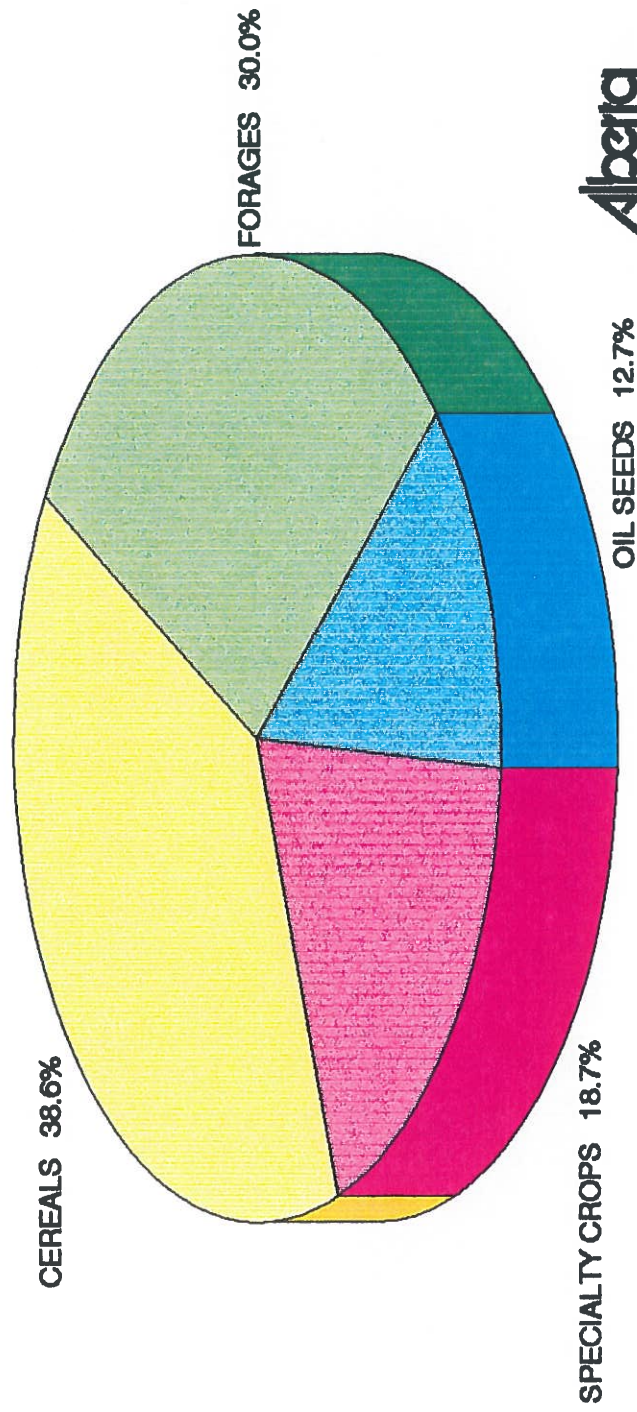
## Raymond Irrigation District





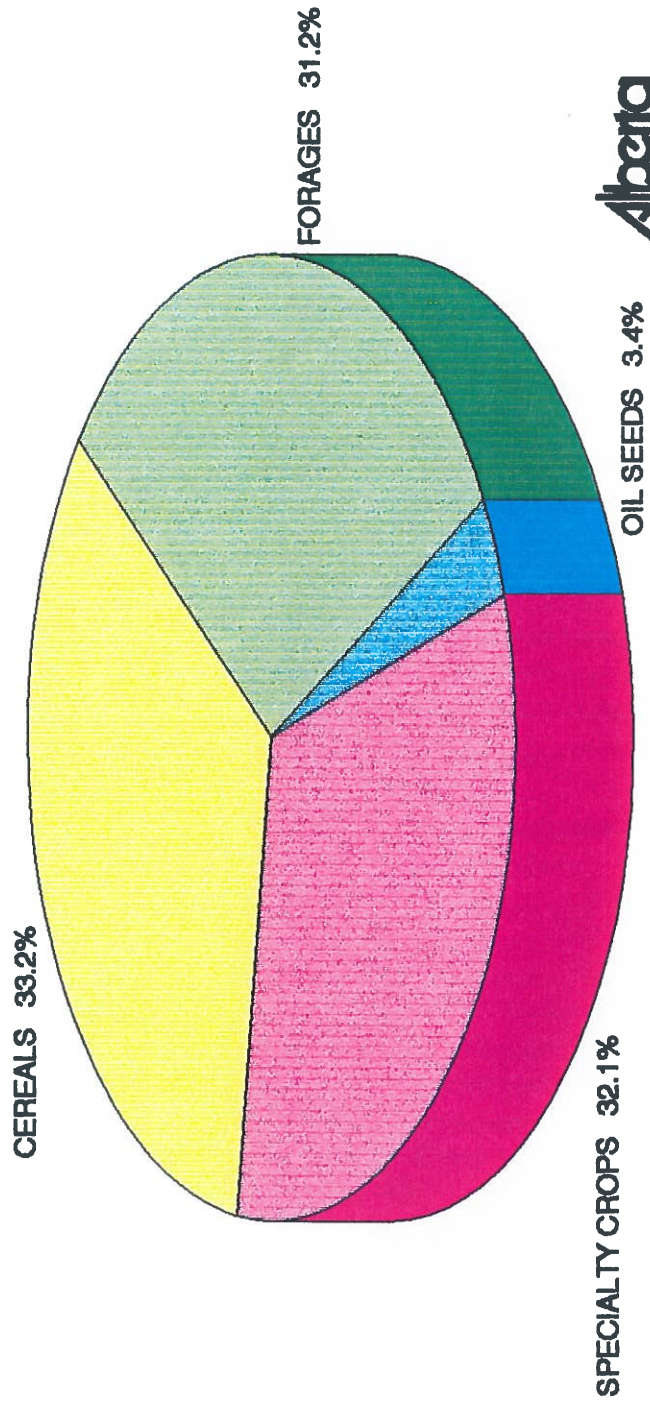
# IRRIGATED CROPS - 1995

St.Mary River Irrigation District



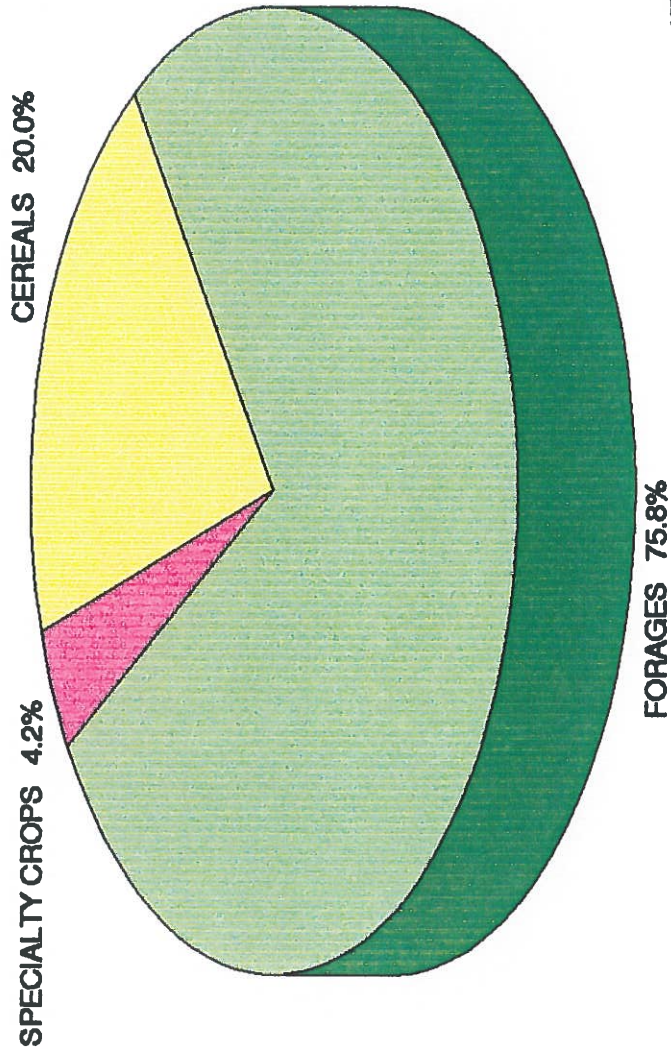
# IRRIGATED CROPS - 1995

Taber Irrigation District



# IRRIGATED CROPS - 1995

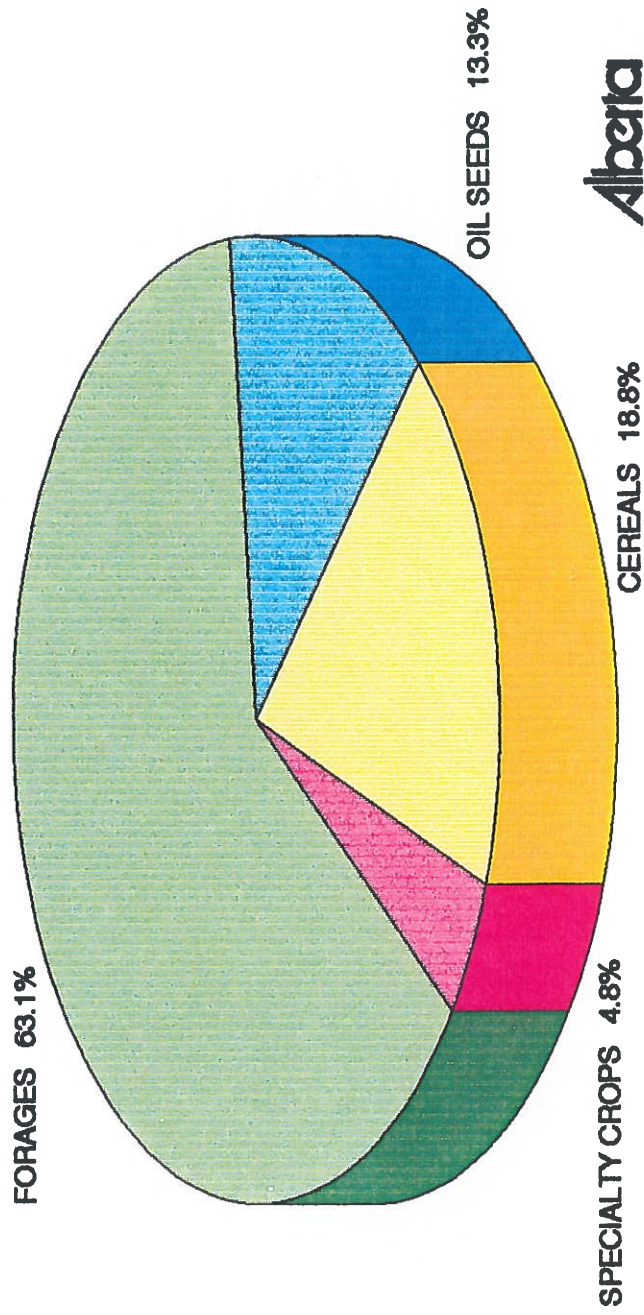
United Irrigation District





# IRRIGATED CROPS - 1995

Western Irrigation District



# IRRIGATED CROPS - 1995

## Alberta Irrigation Districts

