



Corn Production Per Inch of Water

'98, '99, '00, '01, '02, '03, '04, '05, '06, '07 AgriPartners

County	Year	Irrigation Method	WATER - INCHES		PET	PRODUCTION		
			Irrigation	Rain/Irrig/Soil	% of	Lbs/Ac	Lbs/Ac - In Irrigation	Lbs/Ac - In Rain/Irrig/Soil
Sherman	'07	CP	18.24	29.74	89	15142	830.15	509.15
Hartley	'02	CP	28.50	35.14	88	15064	528.56	428.69
Hartley	'07	CP	18.53	27.7	78	14728	794.82	531.70
Dallam	'99	CP	22.25	34.99	141	14112	634.25	403.32
Ochiltree	'05	CP	15.29	34.34	99	14112	922.96	410.95
Hutchinson	'07	SF	16.34	25.18	72	14056	860.22	558.22
Dallam	'01	CP	22.25	30.74	94	13944	626.70	453.61
Dallam	'07	CP	25.62	36.12	106	13944	544.26	386.05
Hartley	'98	CP	37.71	43.14	125	13832	366.80	320.63
Ochiltree	'02	CP	25.67	39.99	104	13608	530.11	340.29
Dallam	'04	CP	20.00	27.92	81	13552	677.60	485.39
Dallam	'99	CP	13.69	23.92	100	13479	984.59	563.50
Dallam	'04	CP	19.97	29.58	86	13384	670.21	452.47
Sherman	'02	CP	18.80	30.42	84	13328	708.94	438.13
Hartley	'02	CP	28.00	32.11	82	13328	476.00	415.07
Dallam	'99	CP	15.00	21.26	84	13160	877.33	619.00
Dallam	'03	CP	20.51	25.19	71	13160	641.64	522.43
Lipscomb	'04	CP	17.84	39.05	110	13160	737.67	337.00
Moore	'04	CP	22.00	32.90	93	13160	598.18	400.00
Ochiltree	'02	CP	25.67	39.63	102	13048	508.30	329.25
Hartley	'01	CP	17.50	30.53	87	13048	745.60	427.38
Hansford	'04	CP	24.05	35.01	105	12992	540.21	371.09
Roberts	'02	CP	23.48	33.18	89	12880	548.55	388.19
Castro	'98	CP	30.55	32.50	86	12792	418.72	393.60
Dallam	'02	CP	28.73	32.94	82	12768	444.41	387.61
Dallam	'03	CP	18.00	25.38	77	12768	709.33	503.07
Wheeler	'03	CP	22.83	37.15	103	12768	559.26	343.69
Moore	'07	CP	17.50	26.20	83	12768	729.60	487.33
Ochiltree	'07	CP	15.68	28.81	95	12768	814.29	443.18
Moore	'07	CP	18.75	28.40	87	12712	677.97	447.61
Moore	'99	CP	20.53	25.71	80	12658	616.56	492.34
Carson	'99	CP	21.40	35.15	104	12656	591.40	360.06
Sherman	'07	CP	23.32	34.07	107	12656	542.71	371.47
Ochiltree	'06	CP	29.05	39.93	106	12544	431.81	314.15
Deaf Smith	'98	CP	29.40	33.08	85	12490	424.83	377.57
Dallam	'98	CP	20.68	28.65	85	12488	603.87	435.88
Ochiltree	'07	CP	17.13	32.06	104	12432	725.74	387.77
Moore	'03	CP	22.10	30.64	96	12376	560.00	403.92
Wheeler	'02	CP	17.01	29.44	78	12320	724.28	418.48
Moore	'03	CP	23.60	31.95	93	12320	522.03	385.60
Dallam	'05	CP	14.12	25.26	72	12320	872.52	487.73
Moore	'06	CP	23.50	31.02	99	12320	524.26	397.16
Dallam	'07	CP	19.70	28.14	82	12320	625.38	437.81
Dallam	'02	CP	23.25	30.77	79	12264	527.48	398.57

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Dallam	'00	CP	14.50	20.73	65	12208	841.93	588.90
Hartley	'07	CP	11.10	22.31	63	12208	1099.82	547.20
Dallam	'98	CP	20.29	31.04	104	12180	600.30	392.40
Moore	'99	CP	22.00	31.22	102	12096	549.82	387.44
Roberts	'03	CP	18.46	31.51	89	12096	655.25	383.88
Moore	'06	SF	23.00	33.45	114	12040	523.48	359.94
Castro	'98	CP	32.00	33.29	93	12030	375.94	361.37
Deaf Smith	'98	RW	32.40	43.41	85	11982	369.81	276.02
Roberts	'01	CP	20.80	28.26	79	11872	570.77	420.10
Lipscomb	'05	CP	15.06	33.19	89	11760	780.88	354.32
Lipscomb	'99	CP	20.95	34.95	108	11648	555.99	333.28
Gray	'07	CP	16.00	22.44	74	11648	728.00	519.07
Deaf Smith	'03	CP	16.00	27.79	71	11620	726.25	418.14
Dallam	'06	CP	22.55	34.27	96	11480	509.09	349.79
Moore	'00	CP	23.00	32.30	93	11424	496.70	353.68
Castro	'98	CP	31.75	34.17	85	11419	359.65	334.18
Gray	'06	CP	19.00	28.24	80	11278	593.58	399.36
Moore	'99	CP	23.70	30.06	95	11256	474.94	374.45
Hutchinson	'00	CP	27.75	45.15	117	11256	405.62	249.30
Roberts	'02	CP	18.12	31.87	84	11256	621.19	353.18
Dallam	'99	CP	10.42	16.77	67	11256	1080.23	671.20
Castro	'98	CP	20.75	23.85	65	11238	541.59	471.19
Deaf Smith	'98	CP	31.00	33.04	88	11200	361.29	338.98
Roberts	'99	CP	20.52	30.46	104	11088	540.35	364.02
Wheeler	'02	CP	13.85	23.96	64	11032	796.53	460.43
Dallam	'01	CP	19.88	29.58	84	11032	554.93	372.95
Dallam	'00	CP	21.75	25.03	78	10920	502.07	436.28
Dallam	'00	CP	16.00	20.74	65	10752	672.00	518.42
Castro	'98	CP	48.20	53.06	158	10723	222.47	202.09
Lipscomb	'00	CP	28.13	37.33	102	10640	378.24	285.03
Castro	'98	CP	41.25	46.65	133	10600	256.97	227.22
Lipscomb	'02	CP	26.38	34.03	88	10584	401.21	311.02
Gray	'99	CP	21.20	42.47	128	10584	499.25	249.21
Lipscomb	'01	CP	22.90	31.90	78	10416	454.85	326.52
Castro	'98	CP	28.85	30.75	87	10400	360.49	338.21
Deaf Smith	'98	CP	29.60	31.45	84	10384	350.81	330.17
Collingsworth	'07	CP	19.00	29.40	98	10360	545.26	352.38
Deaf Smith	'98	CP	32.70	36.03	83	10330	315.90	286.71
Deaf Smith	'02	CP	29.20	37.16	91	10307	352.98	277.37
Deaf Smith	'99	RW	18.00	38.10	110	10300	572.22	270.34
Castro	'98	CP	27.40	31.52	83	10300	375.91	326.78
Lipscomb	'00	CP	31.92	39.51	110	10248	321.05	259.38
Carson	'98	RW	36.68	47.39	115	10237	279.09	216.02
Lipscomb	'02	CP	24.40	35.52	92	10192	417.70	286.94
Dallam	'00	CP	22.00	29.36	92	10192	463.27	347.14
Roberts	'00	CP	15.20	31.12	84	10080	663.16	323.91
Moore	'00	CP	16.65	26.32	70	10080	605.41	382.98
Deaf Smith	'98	RW	37.20	41.10	90	9955	267.61	242.21
Gray	'00	CP	13.00	30.64	83	9744	749.54	318.02
Castro	'98	CP	36.00	38.58	105	9698	269.39	251.37
Deaf Smith	'02	CP	18.00	28.49	67	9688	538.22	340.05
Hartley	'01	CP	16.00	29.92	98	9632	602.00	321.93
Roberts	'01	CP	19.90	26.46	81	9632	484.02	364.02

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Hartley	'02	CP	13.80	21.46	57	9408	681.74	438.40
Deaf Smith	'98	RW	39.00	43.68	96	9400	241.03	215.20
Lipscomb	'06	CP	20.72	29.02	73	9352	451.35	322.26
Deaf Smith	'03	CP	17.40	33.60	80	9200	528.74	273.81
Deaf Smith	'02	CP	14.50	25.39	60	9128	629.52	359.51
Ochiltree	'98	CP	13.40	27.15	72	9072	677.01	334.14
Roberts	'00	CP	15.00	34.14	92	9016	601.07	264.09
Gray	'01	CP	19.60	25.50	78	8848	451.43	346.98
Moore	'00	CP	10.60	27.18	73	8792	829.43	323.47
Deaf Smith	'99	CP	12.25	27.59	85	8560	698.78	310.26
Collingsworth	'99	CP	15.60	24.12	81	8456	542.05	350.58
Moore	'98	CP	10.65	20.96	57	8428	791.36	402.10
Dallam	'99	RW	14.00	21.32	81	8344	596.00	391.37
Roberts	'01	CP	14.91	26.56	82	8232	552.11	309.94
Ochiltree	'99	CP	11.24	28.46	82	8232	732.38	289.25
Moore	'01	CP	10.76	22.91	77	8064	749.44	351.99
Deaf Smith	'98	CP	25.30	29.36	75	8000	316.21	272.48
Gray	'98	CP	20.75	29.66	75	7896	380.53	266.22
Deaf Smith	'98	CP	31.88	38.51	85	7840	245.92	203.58
Randall	'98	CP	24.40	28.69	85	7818	320.41	272.50
Deaf Smith	'98	CP	20.20	27.11	60	7620	377.23	281.08
Moore	'01	CP	10.76	21.77	73	7616	707.81	349.84
Deaf Smith	'98	CP	25.30	27.75	69	7300	288.54	263.06
Gray	'00	CP	15.10	27.70	75	7168	474.70	258.77
Carson	'98	CP	14.25	24.21	59	7000	491.23	289.14
Randall	'00	CP	12.75	24.21	62	6552	513.88	270.63
Deaf Smith	'98	RW	28.00	30.32	67	6519	232.82	215.01
Moore	'00	CP	18.23	26.19	77	6160	337.90	235.20
Deaf Smith	'98	CP	13.30	15.77	42	5710	429.32	362.08
Deaf Smith	'98	CP	21.50	25.69	73	4626	215.16	180.07
Moore	'00	CP	16.50	27.10	80	4368	264.73	161.18
Collingsworth	'98	CP	15.25	16.47	50	2923	191.67	177.47
Average All		129	21.42	30.71	87	10868	507.40	353.86
Average Center Pivot		120	20.99	30.32	86	10909	519.83	359.85
Average SF Drip		2	19.67	29.32	93	13048	663.35	445.10
Average Row Water		7	29.33	37.90	92	9534	325.10	251.53
Average +200Bu		67	21.56	31.17	90	12630	585.86	405.19
Average 180-200Bu		24	25.49	34.12	95	10491	411.64	307.48
Average 150-180Bu		18	19.03	29.72	79	9223	484.53	310.31
Average 125-150Bu		13	18.37	27.23	75	7779	423.40	285.67
Average -125Bu		7	17.93	23.68	64	5265	293.62	222.37

CP= Center Pivot RW= Row Water SF= Subsurface Drip

Prepared by: Leon New, Professor/Extension Agricultural Engineer - Irrigation, Texas A&M Research and Extension Center, Amarillo, Texas.