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Research Report

Review of the American Farm Bureau Counter Cyclical Payment Program

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Review of the American Farm Bureau Counter Cyclical Payment Program

Briefing Paper 01-11

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Summary of AFB Counter Cyclical Income Assistance Safety Net

- Average cash receipts, 1996-99, by State
 - State Production = harvested acres * yield
 - State Receipts = state production * national price
 - State Average Receipts = $(\text{State Rec}_{1996} + \dots + \text{State Rec}_{1999}) / 4.0$
- Trigger for payment determination 94%
- Trigger Level of Receipts
 - State Trigger for Receipts = State Average Receipts * 0.94

Summary of AFB Counter Cyclical Income Assistance Safety Net

- Simulation Analysis

- Simulate stochastic national price
- Simulate state yield
- Simulate state harvested acres
- Calculate state receipts = National Price * State Yield * State Harvested Acres
- If (Calculated State Receipts < State Trigger Receipts) then make payment of lost receipts

Summary of AFB Counter Cyclical Income Assistance Safety Net

- Alternative Scenarios simulated

- Triggers for payment determination: 0.92, 0.93, 0.94, 0.95, and 0.96
- Alternative periods for calculating average trigger receipts
 - Simple average 1996-99
 - Simple average 1996-00
 - Simple average 1995-99
 - Simple average 1997-00
 - Olympic average 1995-99
 - Olympic average 1996-00

Summary

- AFB • O5-9 appears to give the greatest dollar return per acre in general
- Since the program is set up on state production bases flexibility provisions could be problematic
- Could discourage crop mix changes

Summary of AFB Counter Cyclical Proposal for Major Crops, Assuming a 94% Trigger and Alternative Base Periods

Crop	Avg 1996-99	Avg 1996-00	Avg 1995-99	Avg 1997-00	O Avg 1995-99	O Avg 1996-00
			(\$/acre)			
Cotton						
Texas	22.84	19.85	28.84	16.19	31.13	16.48
Mississippi	39.01	38.73	55.63	26.61	59.34	37.85
US	34.60	31.82	48.39	20.32	54.62	29.86
Rice						
Texas	98.03	69.66	110.95	39.37	121.28	61.28
Arkansas	132.94	101.87	127.28	92.43	142.06	117.03
US	125.56	96.39	125.62	81.03	144.28	106.76
Sorghum						
Texas	9.32	7.37	11.73	4.25	16.37	8.69
Kansas	20.56	12.28	19.91	3.51	12.55	6.84
US	12.00	7.89	13.95	2.26	12.26	3.90
Corn						
Texas	24.37	22.33	40.57	17.78	37.88	21.42
Iowa	30.21	25.49	38.84	17.80	41.19	20.65
US	24.73	21.43	29.86	14.52	32.29	18.54
Wheat						
Texas	8.16	5.03	8.05	4.84	7.52	6.53
Kansas	13.89	9.64	13.88	11.32	10.20	7.16
US	11.42	8.32	15.84	4.37	17.60	6.02
Soybean						
Texas	33.92	28.09	30.44	26.21	27.75	23.91
Iowa	65.39	55.06	65.78	44.74	68.29	53.34
US	47.61	41.82	45.79	33.16	46.49	39.90

Avg indicates the use of a trigger based on a simple average of receipts for the indicated years.

O Avg indicates the use of a trigger based on an Olympic average of receipts for the indicated years.

AFB Counter Cyclical Payment Proposal for Texas, Mississippi, and the Nations Cotton.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	48%	51%	52%	56%	61%
Average 96-00	43%	48%	51%	51%	55%
Average 95-99	53%	57%	63%	67%	75%
Average 97-00	38%	42%	44%	48%	51%
Olympic 95-99	56%	61%	67%	74%	77%
Olympic 96-00	39%	43%	45%	48%	51%
Probability of Receiving Payments - Mississippi					
Average 96-99	43%	46%	49%	58%	62%
Average 96-00	43%	46%	48%	56%	62%
Average 95-99	58%	62%	63%	66%	72%
Average 97-00	38%	39%	42%	43%	46%
Olympic 95-99	61%	62%	64%	70%	74%
Olympic 96-00	43%	46%	48%	55%	61%
Probability of Receiving Payments - US					
Average 96-99	46%	55%	59%	63%	65%
Average 96-00	46%	49%	55%	60%	63%
Average 95-99	61%	64%	70%	71%	73%
Average 97-00	33%	36%	41%	46%	46%
Olympic 95-99	65%	70%	73%	74%	79%
Olympic 96-00	46%	46%	54%	58%	61%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas		(\$1,000)			
Average 96-99	107,332	120,612	134,303	148,813	164,529
Average 96-00	92,232	103,997	116,694	129,995	143,763
Average 95-99	137,166	152,627	169,564	187,957	208,326
Average 97-00	74,527	84,422	95,220	106,836	119,219
Olympic 95-99	148,016	164,731	183,042	203,164	225,000
Olympic 96-00	75,921	85,982	96,912	108,691	121,232
Average Payment to Mississippi					
Average 96-99	34,280	38,644	43,339	48,479	54,357
Average 96-00	34,017	38,356	43,026	48,105	53,944
Average 95-99	48,949	55,276	61,800	68,510	75,815
Average 97-00	22,462	25,944	29,562	33,494	37,504
Olympic 95-99	52,680	59,239	65,926	73,087	80,769
Olympic 96-00	33,176	37,437	42,047	46,953	52,642
Average Payment to US					
Average 96-99	382,330	433,767	491,768	553,341	618,205
Average 96-00	352,194	398,694	452,146	510,719	572,559
Average 95-99	545,474	614,196	687,712	763,649	842,571
Average 97-00	220,791	253,054	288,745	328,834	371,639
Olympic 95-99	621,980	698,016	776,175	857,395	943,943
Olympic 96-00	329,843	375,524	424,342	480,127	539,581
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas		(\$/acre)			
Average 96-99	18.25	20.51	22.84	25.31	27.98
Average 96-00	15.69	17.69	19.85	22.11	24.45
Average 95-99	23.33	25.96	28.84	31.97	35.43
Average 97-00	12.67	14.36	16.19	18.17	20.28
Olympic 95-99	25.17	28.02	31.13	34.55	38.27
Olympic 96-00	12.91	14.62	16.48	18.48	20.62
Average Payment to Mississippi					
Average 96-99	30.86	34.78	39.01	43.64	48.93
Average 96-00	30.62	34.52	38.73	43.30	48.55
Average 95-99	44.06	49.75	55.63	61.67	68.24
Average 97-00	20.22	23.35	26.61	30.15	33.76
Olympic 95-99	47.42	53.32	59.34	65.79	72.70
Olympic 96-00	29.86	33.70	37.85	42.26	47.38
Average Payment to US					
Average 96-99	26.90	30.52	34.60	38.94	43.50
Average 96-00	24.78	28.05	31.82	35.94	40.29
Average 95-99	38.38	43.22	48.39	53.74	59.29
Average 97-00	15.54	17.81	20.32	23.14	26.15
Olympic 95-99	43.77	49.12	54.62	60.33	66.42
Olympic 96-00	23.21	26.42	29.86	33.79	37.97

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.

AFB Counter Cyclical Payment Proposal for Texas, Kansas, and the Nations Sorghum.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	61%	65%	67%	68%	69%
Average 96-00	53%	58%	61%	65%	67%
Average 95-99	67%	68%	69%	71%	71%
Average 97-00	34%	40%	43%	48%	53%
Olympic 95-99	71%	74%	79%	81%	83%
Olympic 96-00	60%	62%	67%	67%	68%
Probability of Receiving Payments - Kansas					
Average 96-99	70%	75%	79%	81%	82%
Average 96-00	51%	54%	58%	66%	70%
Average 95-99	69%	72%	77%	81%	81%
Average 97-00	20%	24%	28%	31%	34%
Olympic 95-99	52%	55%	59%	67%	70%
Olympic 96-00	33%	42%	46%	47%	52%
Probability of Receiving Payments - US					
Average 96-99	64%	69%	72%	76%	77%
Average 96-00	53%	58%	62%	62%	65%
Average 95-99	70%	72%	76%	79%	81%
Average 97-00	25%	28%	31%	37%	39%
Olympic 95-99	64%	70%	72%	76%	77%
Olympic 96-00	37%	39%	45%	47%	50%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas (\$1,000)					
Average 96-99	25,760	29,046	32,518	36,017	39,570
Average 96-00	20,007	22,742	25,724	28,862	32,179
Average 95-99	33,482	37,174	40,926	44,700	48,578
Average 97-00	11,181	12,926	14,815	16,892	19,204
Olympic 95-99	48,312	52,605	57,146	61,896	66,812
Olympic 96-00	23,883	27,005	30,344	33,781	37,252
Average Payment to Kansas					
Average 96-99	60,589	69,182	78,344	87,954	97,707
Average 96-00	34,703	40,546	46,782	53,674	61,238
Average 95-99	58,454	66,887	75,856	85,313	94,999
Average 97-00	8,799	10,884	13,361	16,150	19,235
Olympic 95-99	35,568	41,483	47,809	54,868	62,528
Olympic 96-00	17,847	21,573	26,070	30,825	35,820
Average Payment to US					
Average 96-99	96,172	109,138	123,005	137,412	152,456
Average 96-00	59,642	69,911	80,912	92,338	104,088
Average 95-99	113,493	127,913	143,033	158,650	175,076
Average 97-00	14,292	18,395	23,122	28,640	34,785
Olympic 95-99	98,495	111,723	125,734	140,354	155,499
Olympic 96-00	26,891	33,312	39,988	47,727	55,801
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas (\$/acre)					
Average 96-99	7.38	8.32	9.32	10.32	11.34
Average 96-00	5.73	6.52	7.37	8.27	9.22
Average 95-99	9.59	10.65	11.73	12.81	13.92
Average 97-00	3.20	3.70	4.25	4.84	5.50
Olympic 95-99	13.84	15.07	16.37	17.74	19.14
Olympic 96-00	6.84	7.74	8.69	9.68	10.67
Average Payment to Kansas					
Average 96-99	15.90	18.16	20.56	23.09	25.64
Average 96-00	9.11	10.64	12.28	14.09	16.07
Average 95-99	15.34	17.56	19.91	22.39	24.93
Average 97-00	2.31	2.86	3.51	4.24	5.05
Olympic 95-99	9.34	10.89	12.55	14.40	16.41
Olympic 96-00	4.68	5.66	6.84	8.09	9.40
Average Payment to US					
Average 96-99	9.38	10.65	12.00	13.40	14.87
Average 96-00	5.82	6.82	7.89	9.01	10.15
Average 95-99	11.07	12.48	13.95	15.48	17.08
Average 97-00	1.39	1.79	2.26	2.79	3.39
Olympic 95-99	9.61	10.90	12.26	13.69	15.17
Olympic 96-00	2.62	3.25	3.90	4.66	5.44

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.

AFB Counter Cyclical Payment Proposal for Texas, Arkansas, and the Nations Rice.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	88%	91%	91%	94%	96%
Average 96-00	77%	80%	81%	85%	88%
Average 95-99	91%	94%	96%	96%	99%
Average 97-00	55%	62%	67%	72%	73%
Olympic 95-99	94%	96%	96%	99%	100%
Olympic 96-00	74%	76%	78%	80%	84%
Probability of Receiving Payments - Arkansas					
Average 96-99	85%	86%	88%	91%	96%
Average 96-00	76%	80%	83%	85%	86%
Average 95-99	83%	85%	87%	91%	94%
Average 97-00	74%	76%	80%	83%	85%
Olympic 95-99	85%	87%	91%	96%	96%
Olympic 96-00	81%	83%	85%	87%	91%
Probability of Receiving Payments - US					
Average 96-99	83%	85%	91%	94%	96%
Average 96-00	77%	79%	82%	83%	85%
Average 95-99	83%	85%	91%	94%	96%
Average 97-00	72%	75%	78%	79%	82%
Olympic 95-99	88%	92%	96%	96%	96%
Olympic 96-00	79%	82%	83%	85%	91%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas		(\$1,000)			
Average 96-99	21,895	23,867	25,879	27,939	30,047
Average 96-00	15,185	16,764	18,390	20,084	21,834
Average 95-99	25,021	27,126	29,290	31,487	33,711
Average 97-00	8,190	9,241	10,395	11,649	12,965
Olympic 95-99	27,532	29,764	32,018	34,318	36,658
Olympic 96-00	13,194	14,663	16,179	17,747	19,359
Average Payment to Arkansas					
Average 96-99	157,386	173,346	189,578	206,513	224,188
Average 96-00	117,285	130,927	145,264	160,041	175,079
Average 95-99	149,953	165,617	181,507	197,894	214,958
Average 97-00	105,426	118,383	131,801	145,878	160,370
Olympic 95-99	169,133	185,545	202,576	220,329	238,635
Olympic 96-00	136,528	151,497	166,889	182,493	198,594
Average Payment to US					
Average 96-99	332,396	364,361	397,516	432,494	468,776
Average 96-00	248,277	276,351	305,173	334,596	364,634
Average 95-99	332,560	364,533	397,705	432,693	468,983
Average 97-00	204,441	230,077	256,541	283,773	311,814
Olympic 95-99	383,934	419,658	456,777	494,714	532,651
Olympic 96-00	278,248	307,839	338,000	368,843	400,967
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas		(\$/acre)			
Average 96-99	82.94	90.41	98.03	105.83	113.81
Average 96-00	57.52	63.50	69.66	76.08	82.70
Average 95-99	94.78	102.75	110.95	119.27	127.69
Average 97-00	31.02	35.00	39.37	44.12	49.11
Olympic 95-99	104.29	112.74	121.28	129.99	138.85
Olympic 96-00	49.98	55.54	61.28	67.22	73.33
Average Payment to Arkansas					
Average 96-99	110.37	121.56	132.94	144.82	157.21
Average 96-00	82.25	91.81	101.87	112.23	122.78
Average 95-99	105.16	116.14	127.28	138.78	150.74
Average 97-00	73.93	83.02	92.43	102.30	112.46
Olympic 95-99	118.61	130.12	142.06	154.51	167.35
Olympic 96-00	95.74	106.24	117.03	127.98	139.27
Average Payment to US					
Average 96-99	104.99	115.09	125.56	136.61	148.07
Average 96-00	78.42	87.29	96.39	105.68	115.17
Average 95-99	105.04	115.14	125.62	136.67	148.13
Average 97-00	64.57	72.67	81.03	89.63	98.49
Olympic 95-99	121.27	132.55	144.28	156.26	168.24
Olympic 96-00	87.89	97.23	106.76	116.50	126.65

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.

AFB Counter Cyclical Payment Proposal for Texas, Kansas, and the Nations Wheat.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	65%	66%	68%	70%	72%
Average 96-00	51%	54%	57%	60%	64%
Average 95-99	65%	66%	68%	70%	72%
Average 97-00	51%	53%	57%	57%	63%
Olympic 95-99	64%	65%	67%	69%	70%
Olympic 96-00	57%	62%	65%	66%	68%
Probability of Receiving Payments - Kansas					
Average 96-99	56%	64%	64%	72%	73%
Average 96-00	41%	46%	51%	56%	64%
Average 95-99	56%	64%	64%	72%	73%
Average 97-00	47%	51%	57%	64%	68%
Olympic 95-99	42%	48%	51%	61%	64%
Olympic 96-00	32%	35%	39%	46%	50%
Probability of Receiving Payments - US					
Average 96-99	58%	64%	67%	69%	73%
Average 96-00	46%	51%	56%	64%	66%
Average 95-99	69%	71%	74%	77%	80%
Average 97-00	26%	31%	35%	41%	46%
Olympic 95-99	71%	74%	77%	80%	81%
Olympic 96-00	35%	40%	46%	51%	56%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas (\$1,000)					
Average 96-99	41,337	45,593	49,968	54,486	59,080
Average 96-00	24,450	27,486	30,759	34,132	37,726
Average 95-99	40,687	44,918	49,258	53,739	58,295
Average 97-00	23,496	26,467	29,645	32,946	36,433
Olympic 95-99	37,755	41,852	46,034	50,340	54,781
Olympic 96-00	32,394	36,055	39,977	44,000	48,110
Average Payment to Kansas					
Average 96-99	113,874	130,727	149,150	169,010	189,804
Average 96-00	78,639	90,377	103,496	117,894	134,266
Average 95-99	113,846	130,695	149,117	168,972	189,764
Average 97-00	92,778	106,468	121,570	138,913	156,995
Olympic 95-99	83,364	95,881	109,595	124,886	142,244
Olympic 96-00	58,585	67,212	76,857	87,763	99,980
Average Payment to US					
Average 96-99	573,544	668,033	769,021	874,884	983,737
Average 96-00	408,995	481,410	560,204	648,571	744,153
Average 95-99	833,387	947,035	1,066,187	1,190,258	1,319,061
Average 97-00	209,912	248,228	294,262	345,753	403,547
Olympic 95-99	936,978	1,058,160	1,184,460	1,315,691	1,449,111
Olympic 96-00	291,506	344,915	405,288	474,014	548,474
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas (\$/acre)					
Average 96-99	6.75	7.45	8.16	8.90	9.65
Average 96-00	4.00	4.49	5.03	5.58	6.16
Average 95-99	6.65	7.34	8.05	8.78	9.53
Average 97-00	3.84	4.32	4.84	5.38	5.95
Olympic 95-99	6.17	6.84	7.52	8.23	8.95
Olympic 96-00	5.29	5.89	6.53	7.19	7.86
Average Payment to Kansas					
Average 96-99	10.60	12.17	13.89	15.74	17.67
Average 96-00	7.32	8.41	9.64	10.98	12.50
Average 95-99	10.60	12.17	13.88	15.73	17.67
Average 97-00	8.64	9.91	11.32	12.93	14.62
Olympic 95-99	7.76	8.93	10.20	11.63	13.24
Olympic 96-00	5.45	6.26	7.16	8.17	9.31
Average Payment to US					
Average 96-99	8.52	9.92	11.42	13.00	14.61
Average 96-00	6.08	7.15	8.32	9.63	11.05
Average 95-99	12.38	14.07	15.84	17.68	19.60
Average 97-00	3.12	3.69	4.37	5.14	5.99
Olympic 95-99	13.92	15.72	17.60	19.54	21.53
Olympic 96-00	4.33	5.12	6.02	7.04	8.15

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.

AFB Counter Cyclical Payment Proposal for Texas, Iowa, and the Nations Corn.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	46%	47%	55%	59%	63%
Average 96-00	44%	46%	50%	55%	59%
Average 95-99	64%	67%	73%	73%	73%
Average 97-00	39%	41%	44%	47%	52%
Olympic 95-99	62%	66%	69%	73%	73%
Olympic 96-00	42%	46%	47%	55%	58%
Probability of Receiving Payments - Iowa					
Average 96-99	39%	48%	50%	60%	69%
Average 96-00	36%	37%	42%	49%	57%
Average 95-99	49%	60%	69%	70%	73%
Average 97-00	27%	30%	34%	36%	36%
Olympic 95-99	54%	65%	69%	70%	74%
Olympic 96-00	31%	36%	36%	37%	45%
Probability of Receiving Payments - US					
Average 96-99	41%	50%	54%	59%	65%
Average 96-00	39%	41%	50%	54%	59%
Average 95-99	51%	55%	61%	67%	70%
Average 97-00	33%	34%	37%	41%	43%
Olympic 95-99	53%	59%	65%	68%	73%
Olympic 96-00	35%	39%	41%	50%	53%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas (\$1,000)					
Average 96-99	39,629	45,237	51,413	58,182	65,464
Average 96-00	36,176	41,509	47,121	53,471	60,287
Average 95-99	67,814	76,498	85,608	95,228	104,848
Average 97-00	28,108	32,625	37,515	42,728	48,223
Olympic 95-99	62,903	71,187	79,917	89,144	98,638
Olympic 96-00	34,510	39,703	45,191	51,218	57,822
Average Payment to Iowa					
Average 96-99	292,620	330,325	373,445	423,066	480,635
Average 96-00	249,852	280,870	315,033	355,519	399,954
Average 95-99	369,348	420,315	480,065	544,213	609,676
Average 97-00	171,192	194,021	220,000	248,949	278,002
Olympic 95-99	390,195	445,577	509,170	574,367	641,975
Olympic 96-00	198,048	225,401	255,205	285,133	318,612
Average Payment to US					
Average 96-99	1,468,478	1,697,836	1,958,226	2,243,464	2,556,499
Average 96-00	1,270,761	1,471,912	1,696,598	1,951,028	2,229,197
Average 95-99	1,783,969	2,060,670	2,364,473	2,698,798	3,055,235
Average 97-00	829,680	984,588	1,149,229	1,329,514	1,523,128
Olympic 95-99	1,935,061	2,230,675	2,556,449	2,910,573	3,281,166
Olympic 96-00	1,088,343	1,270,742	1,467,464	1,685,773	1,933,733
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas (\$/acre)					
Average 96-99	18.78	21.44	24.37	27.57	31.03
Average 96-00	17.15	19.67	22.33	25.34	28.57
Average 95-99	32.14	36.25	40.57	45.13	49.69
Average 97-00	13.32	15.46	17.78	20.25	22.85
Olympic 95-99	29.81	33.74	37.88	42.25	46.75
Olympic 96-00	16.36	18.82	21.42	24.27	27.40
Average Payment to Iowa					
Average 96-99	23.67	26.73	30.21	34.23	38.89
Average 96-00	20.21	22.72	25.49	28.76	32.36
Average 95-99	29.88	34.01	38.84	44.03	49.33
Average 97-00	13.85	15.70	17.80	20.14	22.49
Olympic 95-99	31.57	36.05	41.19	46.47	51.94
Olympic 96-00	16.02	18.24	20.65	23.07	25.78
Average Payment to US					
Average 96-99	18.55	21.44	24.73	28.34	32.29
Average 96-00	16.05	18.59	21.43	24.64	28.16
Average 95-99	22.53	26.03	29.86	34.09	38.59
Average 97-00	10.48	12.44	14.52	16.79	19.24
Olympic 95-99	24.44	28.17	32.29	36.76	41.44
Olympic 96-00	13.75	16.05	18.54	21.29	24.42

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.

AFB Counter Cyclical Payment Proposal for Texas, Iowa, and the Nations Soybean.

Variables and Base Periods	Alternative Trigger Fractions				
	0.9	0.92	0.94	0.96	0.98
Probability of Receiving Payments - Texas					
Average 96-99	76%	76%	76%	76%	76%
Average 96-00	73%	74%	74%	75%	76%
Average 95-99	74%	75%	76%	76%	76%
Average 97-00	71%	73%	74%	74%	75%
Olympic 95-99	73%	74%	74%	75%	76%
Olympic 96-00	67%	71%	73%	74%	74%
Probability of Receiving Payments - Iowa					
Average 96-99	78%	80%	80%	84%	87%
Average 96-00	75%	77%	78%	80%	81%
Average 95-99	78%	80%	81%	84%	89%
Average 97-00	69%	73%	75%	77%	78%
Olympic 95-99	80%	80%	82%	87%	89%
Olympic 96-00	74%	76%	78%	80%	80%
Probability of Receiving Payments - US					
Average 96-99	78%	80%	84%	87%	90%
Average 96-00	75%	78%	79%	84%	87%
Average 95-99	77%	79%	83%	87%	88%
Average 97-00	70%	73%	75%	77%	78%
Olympic 95-99	78%	80%	84%	87%	89%
Olympic 96-00	75%	76%	78%	80%	84%
Total Payment for Counter Cyclical Payments					
Average Payment to Texas (\$1,000)					
Average 96-99	11,133	11,809	12,484	13,159	13,834
Average 96-00	9,114	9,723	10,336	10,957	11,585
Average 95-99	9,928	10,561	11,202	11,850	12,498
Average 97-00	8,466	9,052	9,646	10,244	10,849
Olympic 95-99	8,998	9,603	10,213	10,830	11,453
Olympic 96-00	7,696	8,237	8,799	9,371	9,951
Average Payment to Iowa					
Average 96-99	563,410	620,892	678,797	738,346	800,795
Average 96-00	464,567	517,592	571,515	626,918	682,552
Average 95-99	567,107	624,768	682,776	742,592	805,348
Average 97-00	368,210	415,264	464,362	515,099	566,677
Olympic 95-99	591,327	649,861	708,877	770,697	835,085
Olympic 96-00	448,212	500,333	553,641	608,196	663,423
Average Payment to US					
Average 96-99	2,748,910	3,055,126	3,375,284	3,709,096	4,051,499
Average 96-00	2,381,794	2,668,634	2,964,389	3,270,869	3,591,649
Average 95-99	2,634,254	2,935,249	3,246,126	3,572,471	3,908,858
Average 97-00	1,824,176	2,083,244	2,350,985	2,623,673	2,905,173
Olympic 95-99	2,678,216	2,981,007	3,295,768	3,624,988	3,963,374
Olympic 96-00	2,257,254	2,538,261	2,828,411	3,125,159	3,436,737
Average Annual Counter Cyclical Payments Paid Based on Average 1998-2000 Production					
Average Payment to Texas (\$/acre)					
Average 96-99	30.25	32.09	33.92	35.76	37.59
Average 96-00	24.77	26.42	28.09	29.77	31.48
Average 95-99	26.98	28.70	30.44	32.20	33.96
Average 97-00	23.00	24.60	26.21	27.84	29.48
Olympic 95-99	24.45	26.10	27.75	29.43	31.12
Olympic 96-00	20.91	22.38	23.91	25.46	27.04
Average Payment to Iowa					
Average 96-99	54.28	59.82	65.39	71.13	77.15
Average 96-00	44.76	49.86	55.06	60.40	65.76
Average 95-99	54.63	60.19	65.78	71.54	77.59
Average 97-00	35.47	40.01	44.74	49.62	54.59
Olympic 95-99	56.97	62.61	68.29	74.25	80.45
Olympic 96-00	43.18	48.20	53.34	58.59	63.91
Average Payment to US					
Average 96-99	38.78	43.10	47.61	52.32	57.15
Average 96-00	33.60	37.64	41.82	46.14	50.66
Average 95-99	37.16	41.41	45.79	50.39	55.14
Average 97-00	25.73	29.39	33.16	37.01	40.98
Olympic 95-99	37.78	42.05	46.49	51.14	55.91
Olympic 96-00	31.84	35.81	39.90	44.08	48.48

State level counter cyclical payments are triggered by state level receipt triggers and the national payments are triggered by national receipt triggers as a proxy.