



Department of Agricultural Economics

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Approximate ARC-CO Payments for 2015-2016 Marketing Year

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USDA Farm Service Agency will not likely release county-level yields for the 2015 crop year until fall of 2016. To approximate ARC-CO payments, USDA National Agricultural Statistics Service data can be used with caveats. USDA NASS yields are calculated as production divided by harvested acres. For farm program payments, FSA calculates yields as production divided by the sum of harvested acres and failed acres. This generally means that FSA yields will be lower than NASS. Meaning, using NASS yields to approximate ARC-CO payments will likely understate payment levels.

There are other differences in the data used by these two USDA agencies. For some counties, NASS data are not available so FSA uses other methods to estimate county-level yields. In these counties, ARC-CO payments cannot be approximated at this time with currently available data.

In the table below, 2015 ARC-CO wheat payments are approximated using NASS county yields. Not all counties are including as NASS does not release data for some counties due to confidentiality concerns. It appears that most Oklahoma counties will not trigger a 2015 ARC-CO payment. However, ten counties (Bryan, Grant, Greer, Kay, Mayes, Muskogee, Okmulgee, Rogers, Sequoyah, Tulsa, and Wagoner) appear set to receive the program maximum payment for their counties.

When USDA FSA releases their county yield estimates, 2015 ARC-CO payments for all Oklahoma counties will be posted.

Table 1: Approximate ARC-CO Yields, Prices, Revenue, and Payment Rates

	A	B	C	D	E	F	G	H	I	J
			(A * B)	(86% of C)	(10% of C)			(F * G)	(D - H), not less than 0	Lesser of E or I (capped at 10% of Benchmark)

County Name	Crop Name	2010 (county yield or 70% of T)	2011 (county yield or 70% of T)	2012 (county yield or 70% of T)	2013 (county yield or 70% of T)	2014 (county yield or 70% of T)	2015 Bench Mark	2015 Bench Mark Price	2015 Bench mark Revenue	2015 Guarantee Revenue	2015 Maximum Payment Rate	Unofficial 2015 Actual Yield	2015 National Price	Unofficial 2015 Actual Revenue	Unofficial 2015 Formula Payment Rate	Unofficial 2015 Payment Rate
Alfalfa	Wheat	35	31	41	33	15	33	6.70	221.10	190.15	22.11	29	5.99	175.51	14.64	14.64
Beaver	Wheat	32	20	27	16	11	21	6.70	140.70	121.00	14.07	25	5.99	148.55	0.00	0.00
Beckham	Wheat	28	17	33	17	12	21	6.70	138.47	119.08	13.85	23	5.99	137.17	0.00	0.00
Blaine	Wheat	26	18	33	28	14	24	6.70	160.80	138.29	16.08	27	5.99	159.33	0.00	0.00
Bryan	Wheat	35	45	49	57	57	50	6.70	337.23	290.02	33.72	34	5.99	203.66	86.36	33.72
Caddo	Wheat	30	19	37	32	17	27	6.70	180.90	155.57	18.09	28	5.99	167.12	0.00	0.00
Canadian	Wheat	30	21	39	31	18	27	6.70	183.13	157.49	18.31	29	5.99	176.11	0.00	0.00
Carter	Wheat	25	17	26	29	28	26	6.70	176.43	151.73	17.64	32	5.99	192.28	0.00	0.00
Cleveland	Wheat	17	15	24	22	32	21	6.70	140.70	121.00	14.07	25	5.99	149.75	0.00	0.00
Comanche	Wheat	21	16	34	20	12	19	6.70	127.30	109.48	12.73	21	5.99	125.19	0.00	0.00
Cotton	Wheat	25	17	33	17	12	20	6.70	131.77	113.32	13.18	27	5.99	159.93	0.00	0.00
Craig	Wheat	29	40	55	54	49	48	6.70	319.37	274.66	31.94	50	5.99	299.50	0.00	0.00
Custer	Wheat	35	21	33	21	15	25	6.70	167.50	144.05	16.75	30	5.99	181.50	0.00	0.00
Dewey	Wheat	29	19	35	18	13	22	6.70	147.40	126.76	14.74	24	5.99	141.36	0.00	0.00
Ellis	Wheat	25	15	29	15	11	18	6.70	122.83	105.64	12.28	22	5.99	134.18	0.00	0.00
Garfield	Wheat	31	26	42	39	15	32	6.70	214.40	184.38	21.44	27	5.99	163.53	20.86	20.86
Garvin	Wheat	28	23	42	29	18	27	6.70	178.67	153.65	17.87	39	5.99	236.01	0.00	0.00
Grady	Wheat	29	20	35	37	17	28	6.70	187.60	161.34	18.76	26	5.99	152.75	8.59	8.59
Grant	Wheat	31	27	41	40	14	33	6.70	218.87	188.23	21.89	24	5.99	141.36	46.86	21.89
Greer	Wheat	28	16	34	16	11	20	6.70	134.00	115.24	13.40	19	5.99	115.01	0.23	0.23
Harmon	Wheat	28	15	26	15	11	19	6.70	125.07	107.56	12.51	17	5.99	100.03	7.52	7.52
Jackson	Wheat	33	18	27	18	13	21	6.70	140.70	121.00	14.07	25	5.99	150.95	0.00	0.00
Jefferson	Wheat	25	18	32	20	15	21	6.70	140.70	121.00	14.07	29	5.99	175.51	0.00	0.00
Kay	Wheat	25	25	38	38	14	29	6.70	196.53	169.02	19.65	18	5.99	110.22	58.80	19.65
Kingfisher	Wheat	28	21	42	38	16	29	6.70	194.30	167.10	19.43	27	5.99	164.13	2.97	2.97
Kiowa	Wheat	28	19	39	19	13	22	6.70	147.40	126.76	14.74	22	5.99	131.18	0.00	0.00
Lincoln	Wheat	19	26	35	30	17	25	6.70	167.50	144.05	16.75	35	5.99	209.05	0.00	0.00
Logan	Wheat	30	21	35	41	14	29	6.70	192.07	165.18	19.21	32	5.99	189.28	0.00	0.00
Love	Wheat	25	18	26	18	28	23	6.70	154.10	132.53	15.41	20	5.99	119.80	12.73	12.73
Major	Wheat	27	23	38	33	13	28	6.70	185.37	159.42	18.54	28	5.99	166.52	0.00	0.00
Mayes	Wheat	29	32	48	47	43	41	6.70	272.47	234.32	27.25	31	5.99	185.09	49.23	27.25

McClain	Wheat	32	20	37	39	35	35	6.70	232.27	199.75	23.23	35	5.99	206.66	0.00	0.00
Muskogee	Wheat	20	39	48	49	49	45	6.70	303.73	261.21	30.37	34	5.99	201.86	59.35	30.37
Noble	Wheat	24	23	38	38	13	28	6.70	189.83	163.26	18.98	27	5.99	159.93	3.32	3.32
Oklahoma	Wheat	30	22	35	35	23	29	6.70	196.53	169.02	19.65	30	5.99	178.50	0.00	0.00
Okmulgee	Wheat	53	58	77	76	62	65	6.70	437.73	376.45	43.77	55	5.99	331.25	45.20	43.77
Pawnee	Wheat	17	20	31	37	21	24	6.70	160.80	138.29	16.08	23	5.99	140.17	0.00	0.00
Payne	Wheat	28	19	31	31	16	26	6.70	174.20	149.81	17.42	24	5.99	143.16	6.65	6.65
Pottawatomie	Wheat	30	26	41	42	31	34	6.70	227.80	195.91	22.78	35	5.99	207.85	0.00	0.00
Roger Mills	Wheat	31	18	28	18	13	21	6.70	142.93	122.92	14.29	27	5.99	161.13	0.00	0.00
Rogers	Wheat	18	33	36	36	28	32	6.70	216.63	186.30	21.66	20	5.99	118.60	67.70	21.66
Sequoyah	WhtIRR	30	63	72	75	73	69	6.70	464.53	399.50	46.45	35	5.99	209.65	189.85	46.45
Sequoyah	Wheat	30	57	65	75	73	65	6.70	435.50	374.53	43.55	35	5.99	209.65	164.88	43.55
Stephens	Wheat	26	17	24	23	19	22	6.70	147.40	126.76	14.74	26	5.99	156.34	0.00	0.00
Texas	Wheat	31	15	15	15	14	15	6.70	100.50	86.43	10.05	34	5.99	204.26	0.00	0.00
Tillman	Wheat	21	18	34	18	13	19	6.70	127.30	109.48	12.73	25	5.99	152.15	0.00	0.00
Tulsa	Wheat	24	31	39	46	31	34	6.70	225.57	193.99	22.56	21	5.99	122.80	71.19	22.56
Wagoner	Wheat	23	31	36	47	40	36	6.70	238.97	205.51	23.90	28	5.99	165.32	40.19	23.90
Washington	Wheat	18	37	47	43	32	37	6.70	250.13	215.11	25.01	34	5.99	201.86	13.25	13.25
Washita	Wheat	33	20	36	20	14	24	6.70	163.03	140.21	16.30	22	5.99	130.58	9.63	9.63
Woods	Wheat	34	25	41	23	14	27	6.70	183.13	157.49	18.31	29	5.99	174.31	0.00	0.00
Woodward	Wheat	22	18	27	22	13	21	6.70	138.47	119.08	13.85	24	5.99	144.96	0.00	0.00