

Kentucky Farm Business Management Program

Preliminary Summary Data

2014



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A Special Note to Our Readers

The data for this study are drawn from the detailed financial and production records of producers cooperating with the Kentucky Farm Business Management Program. The data are not drawn from a random sample of farms in the state. However, these data are the most accurate and detailed farm financial data available to researchers and educators. Every attempt has been made to select a set of farms for these research studies which are "typical" operations and have complete financial information available for analysis. These data are carefully cross-checked by our farm management specialists before inclusion in this analysis. It should be noted that farms included in this study are representative of commercial farms producing major commodities and livestock, but not of all farms in Kentucky.

The Data

This report presents the summarized preliminary 2013 performance data, both financial and physical, on 196 Kentucky farm businesses. The data are obtained from farmers participating in the Kentucky Farm Business Management (KFBM) program and represents only what was available as of March 1, 2014. Final data will be published in June, 2014. The KFBM program is a cooperative effort between the Department of Agricultural Economics of the University of Kentucky and four incorporated Farm Analysis Groups. This program was initiated to improve Kentucky farm management in general and specifically to:

- Provide farmers with an individual farm analysis and comparative analysis of farm business records emphasizing information necessary for sound decision making and wise financial planning;
- Provide farmers with objective counseling in developing priorities and alternative plans;
- Provide the public with basic information about business conditions as well as costs and returns on Kentucky farms under current conditions;
- Provide Kentucky farmers, teachers, researchers and lending agencies actual on-farm information about Kentucky farm businesses.

Tables in this publication are arranged by report type. The first report type is a summary of data from accrual income statements. The second type of report is an Economic Management Analysis (EMA) of similar types of farms, including agronomic (yield and price) comparisons. An additional table shows dairy farm production, returns, and feed costs.

See prior year Annual Summaries for definitions of terms and accounting methods.

Preliminary Analysis and Comparisons (From the *Economic Policy and Update*, April 2014)

Profitability Up For 2013 Grain Farms.

Profitability increased while Management Returns decreased for 2013 Kentucky grain farms compared to the average 2012 grain farm.

Based on preliminary data from 164 grain farms participating in the Kentucky Farm Business Management (KFBM) program, average Net Farm Income (NFI) increased for grain farms to \$529,689. If preliminary indications of NFI hold, 2013 will be the highest year on record for KFBM grain farms.

Net Farm Income is the value of farm production less total operating expenses and total interest expense, plus net gain or loss on machinery and buildings sold. It is the primary indicator of farm profitability. Preliminary reports indicate that 2013 NFI is \$19,058 higher than the 2012 final KFBM average and \$6742 higher than the previous record set in 2011.

Table 1 shows the difference in costs and returns between 2012 KFBM grain farms and preliminary 2013 farms. **Gross Farm Return** was up about 4% from 2012, nearly all of it due to increased crop returns. **Total Cost** was up about 7%, overall. The single largest increase was in **Land Cost**: up \$28.88 per acre or 18% over 2012. Land cost includes cash rent, taxes, leasing cost on share rent acres, and an interest charge of 3.75% of the value of fixed assets. **Power and Equipment Total** increased \$10.88 per acre, a 6% increase. This included increases in repairs, machinery hire, and depreciation. Drying

increased 185% over the 2012 drought year, adding \$5.25 per acre to **Total Cost**. Bottom line profitability (NFI) averaged \$233.99 per acre, a 5% increase over the 2012 average.

FARM RETURNS AND COSTS 2013 Compared to 2012	Diff Per Op Acre	% Change from 2012
GROSS FARM RETURNS	41.29	4%
Crop Total	4.12	1%
Power & Equipment Total	10.08	6%
Building Total	6.86	25%
Labor Paid	3.00	5%
Other Costs Total	5.36	5%
Land Cost	28.88	18%
TOTAL NON-FEED COSTS	57.90	7%
Net Farm Income	11	5%
MANAGEMENT RETURNS	-14.59	-9%

Table 1

The agronomic data in **Tables 2 and 3** reveal the most obvious differences between the 2013 preliminary grain farms and the 2012 average grain farm: corn yields and prices. Corn yields averaged 78 bushels per acre in 2012 with corn prices averaging \$6.50 per bushel. Preliminary average corn yield in 2013 is 111 bushels and price is \$4.81 per bushel. Yields increased 3 times while prices fell only 26%. Gross value of an acre of corn increased over \$400 to \$909.09. Gross value per acre also increased for soybeans and wheat based on increased yields. Among tobacco types, gross value per acre fell for all but dark fired tobacco.

Management Returns dropped 9% from \$336,913 in 2012 to \$299,381 for 2013. Management Returns is the residual of profit less charges for the operator's unpaid labor and interest on farm capital. It represents the reward to risk and decision making on the operator's part. Management Returns dropped to an average \$147.17 per acre for 2013 compared to \$160.76 per acre for 2012.

SELECT AGRONOMIC DATA for AVERAGE FARM 2012				
CROP	Acres		New Crop Price	Gross Value/Ac
	Planted	Yield/Ac		
Corn	1101	78	6.5	507.00
Soybeans	560	45	13.85	623.25
D/C Soybeans	828	44	13.85	609.40
Wheat	780	66	7.35	485.10
Burley Tobacco	50	2297	1.97	4525
Dark Air Tobacco	15	2779	2.22	6169
Dk Fired Tobacco	33	3112	2.35	7313

Table 2

SELECT AGRONOMIC DATA for AVERAGE FARM 2013				
CROP	Acres		New Crop Price	Gross Value/Ac
	Planted	Yield/Ac		
Corn	911	189	4.81	909.09
Soybeans	525	54	12.81	691.74
D/C Soybeans	658	51	12.97	661.47
Wheat	621	81	6.88	557.28
Burley Tobacco	48	2072	2.08	4310
Dark Air Tobacco	14	2557	2.31	5907
Dk Fired Tobacco	41	2834	2.61	7397

Table 3

Higher yields in 2013 seem to be pushing gross values of grains higher than 2011 as well, resulting in a higher average NFI. The average KFBM grain farm produced 145 bushels of corn per acre in 2011 at an average of \$5.63 per bushel.

The 2013 preliminary KFBM grain farm consisted of 2259 tillable acres including 1008 cash rent acres, 602 share lease acres, and 650 owned acres. The 2013 average farm had 911 acres planted to corn, 525 acres to full season soybeans, 658 to double crop beans, and 621 to

wheat. The average farm also had 41 acres burley tobacco, 14 acres dark air tobacco, and 41 acres dark fired tobacco. Dark Fired tobacco production increased eight acres over 2012 while other tobacco acres remained about the same.

By contrast, the 206 grain farms included in the 2012 KFBM summary averaged 2289 tillable acres. The average farm owned 2% fewer acres and cash rented 4% more acres than the 2013 preliminary farm. The 2012 farm devoted 235 more acres to corn, beans, and wheat than the average 2013 preliminary farm.

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Table A - Summary of All Farms by Farm Management Association 2013

PRELIMINARY							
	Kentucky	Purchase	Pennyroyal	Ohio Valley	Central KY	Lincoln Trail	Bluegrass
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All	All
Number of Farms	196	18	103	44	31	26	10
Total Acres in Farm	2,157	2,436	2,237	2,315	1,507	1,658	2,127
Tillable Acres in Farm	1,972	2,350	2,033	2,170	1,272	1,413	2,021
Operator Tillable Acres	1,791	2,151	1,876	1,858	1,204	1,339	1,863
Percent Land Owned	29.6%	31.7%	32.9%	25.2%	20.8%	21.4%	16.0%
Percent Land Crop Share	26.1%	24.1%	21.8%	41.2%	14.3%	14.3%	20.0%
Percent Land Cash Rent	44.3%	44.2%	45.3%	33.6%	64.9%	64.4%	64.0%
Months of Hired Labor	45.3	30.8	56.1	31.0	38.5	42.4	75.8
Months of Unpaid Labor	16.1	19.9	15.7	18.1	12.4	12.4	14.2
Total Months Labor	61.5	50.7	71.8	49.1	50.9	54.8	90.0
FARM RETURNS							
Total Cash Operating	1,854,378	1,722,116	2,172,400	1,640,399	1,178,231	1,306,117	1,696,299
Inventory Change	205,638	428,141	185,396	209,398	138,366	142,869	276,178
Accounts Receivable Change	(55,170)	2,614	(45,079)	(73,631)	(96,052)	(105,176)	(162,988)
Farm Products Used	0	0	0	0	0	0	0
Less Purchased Feed & Grain	114,042	94,067	140,701	55,291	120,454	137,072	107,805
Less Purchased Livestock	11,585	609	16,927	1,479	14,554	14,470	9,655
GROSS FARM RETURNS	1,879,218	2,058,196	2,155,089	1,719,396	1,085,536	1,192,268	1,692,028
FARM COSTS							
Total Cash Operating	1,305,521	1,251,462	1,522,157	1,191,481	778,987	858,389	1,195,370
Farm Products Used	0	0	0	0	0	0	0
Prepaid Expense Change	(44,833)	105,577	(95,313)	(1,974)	(25,276)	(28,173)	(76,292)
Accounts Payable Change	3,771	6,421	4,020	4,773	(17)	(601)	24,401
TOTAL OPERATING EXPENSE	1,264,459	1,363,460	1,430,864	1,194,280	753,694	829,615	1,143,479
INCOME BEFORE DEPRECIATION	614,759	694,736	724,226	525,116	331,843	362,653	548,550
Less Depreciation	158,737	194,044	164,395	183,889	83,736	92,289	115,958
FARM OPERATING INCOME	456,022	500,692	559,831	341,227	248,107	270,364	432,592
Capital Account Adjustment	7,970	(2,214)	9,085	10,468	6,633	6,827	4,216
NET FARM INCOME (NFI)	463,992	498,478	568,916	351,695	254,740	277,191	436,808
Less Unpaid Family Labor	1,687	6,122	1,792	0	1,155	1,272	1,102
RETURNS TO OPERATOR LABOR							
CAPITAL, & MANAGEMENT	462,305	492,355	567,124	351,695	253,585	275,919	435,706
Less Unpaid Operator Labor	42,695	48,672	41,485	49,934	32,971	32,954	38,019
RETURNS TO EQUITY CAPITAL							
& MANAGEMENT	419,610	443,684	525,638	301,761	220,614	242,965	397,687
Less Equity Capital Charge	166,897	172,239	194,450	153,765	90,886	100,300	107,885
MANAGEMENT RETURNS	252,713	271,445	331,188	147,996	129,728	142,665	289,802
FINANCIAL EFFICIENCY RATIOS							
Operating Expense Ratio (%)	64.38%	62.52%	63.71%	66.02%	67.13%	67.14%	65.88%
Depreciation Expense Ratio (%)	8.45%	9.43%	7.63%	10.69%	7.71%	7.74%	6.85%
Interest Expense Ratio (%)	2.91%	3.72%	2.68%	3.44%	2.30%	2.44%	1.70%
NFI from Operations Ratio (%)	24.27%	24.33%	25.98%	19.85%	22.86%	22.68%	25.57%

Table C - Summary of Kentucky Grain Farms by Size 2013

PRELIMINARY									
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-400	401-800	801-1200	1201-1600	1601-2000	2001-2400	2401-2800	2801-3200	3200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	8	30	29	17	14	9	8	8	41
Total Acres in Farm	283	714	1,093	1,539	1,889	2,300	2,735	2,966	5,428
Tillable Acres in Farm	209	600	997	1,402	1,779	2,169	2,618	2,932	5,105
Operator Tillable Acres	198	560	898	1,247	1,654	1,938	2,277	2,694	4,633
Percent Land Owned	30.9%	36.5%	31.4%	29.6%	18.2%	22.9%	18.7%	30.0%	30.3%
Percent Land Crop Share	15.9%	19.8%	30.1%	34.5%	23.3%	34.2%	42.4%	24.0%	24.4%
Percent Land Cash Rent	53.1%	43.7%	38.5%	35.9%	58.4%	42.9%	39.0%	46.0%	45.3%
Months of Hired Labor	37.2	13.1	20.7	33.6	40.5	98.4	81.7	40.0	89.5
Months of Unpaid Labor	12.3	12.0	13.9	16.2	15.0	17.7	16.0	20.1	22.6
Total Months Labor	49.4	25.0	34.6	49.9	55.5	116.1	97.7	60.1	112.1
FARM RETURNS									
Total Cash Operating	357,898	471,045	852,770	1,207,104	1,614,819	2,302,632	2,414,183	2,469,756	4,598,088
Inventory Change	23,937	61,178	101,879	129,386	132,891	63,392	238,959	437,211	596,973
Accounts Receivable Change	0	(10,118)	(11,680)	(31,594)	(131,462)	(73,214)	(198,329)	(36,921)	(125,762)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	4,255	8,071	33,089	20,043	16,284	137,852	146,251	19,241	190,793
Less Purchased Livestock	2,350	10,125	1,417	8,509	2,894	9,308	35,560	1,736	16,005
GROSS FARM RETURNS	375,230	503,909	908,464	1,276,345	1,597,070	2,145,650	2,273,001	2,849,069	4,862,501
FARM COSTS									
Total Cash Operating	297,114	342,976	587,776	845,404	1,119,788	1,706,494	1,737,650	1,892,153	3,341,488
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	3,352	6,965	(7,982)	(5,269)	(797)	(108,027)	(62,005)	(57,424)	(165,605)
Accounts Payable Change	3,873	1,104	3,679	(303)	(1,902)	(17,828)	(15,113)	(1,169)	29,824
TOTAL OPERATING EXPENSE	304,339	351,045	583,473	839,833	1,117,089	1,580,639	1,660,532	1,833,560	3,205,706
INCOME BEFORE DEPRECIATION	70,891	152,864	324,991	436,512	479,980	565,012	612,468	1,015,509	1,656,795
Less Depreciation	36,556	39,830	84,811	119,109	123,048	218,217	206,389	218,895	403,119
FARM OPERATING INCOME	34,335	113,034	240,180	317,404	356,932	346,795	406,079	796,613	1,253,677
Capital Account Adjustment	(111)	4,304	7,650	7,242	7,145	5,793	8,897	7,633	19,028
NET FARM INCOME (NFI)	34,224	117,338	247,830	324,645	364,077	352,587	414,976	804,246	1,272,704
Less Unpaid Family Labor	1,378	827	3,040	0	0	2,449	0	3,788	2,352
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	32,846	116,511	244,790	324,645	364,077	350,139	414,976	800,458	1,270,352
Less Unpaid Operator Labor	32,371	32,142	35,198	44,728	41,325	46,223	44,080	51,656	59,804
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	475	84,370	209,592	279,917	322,752	303,916	370,896	748,802	1,210,549
Less Equity Capital Charge	12,926	55,276	86,450	112,650	118,624	150,956	167,515	250,929	428,415
MANAGEMENT RETURNS	(12,451)	29,093	123,142	167,267	204,128	152,960	203,381	497,873	782,134
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	74.80%	66.25%	61.10%	62.09%	68.44%	69.89%	69.83%	62.39%	63.13%
Depreciation Expense Ratio (%)	9.74%	7.90%	9.34%	9.33%	7.70%	10.17%	9.08%	7.68%	8.29%
Interest Expense Ratio (%)	6.31%	3.41%	3.13%	3.71%	1.51%	3.78%	3.22%	1.97%	2.80%
NFI from Operations Ratio (%)	9.15%	22.43%	26.44%	24.87%	22.35%	16.16%	17.87%	27.96%	25.78%

Table D - Summary of Kentucky Grain Farms by Size & Management 2013

PRELIMINARY									
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	53	17	17	45	15	15	66	22	22
Total Acres in Farm	723	705	740	1,548	1,572	1,479	4,377	3,893	4,854
Tillable Acres in Farm	627	552	697	1,424	1,404	1,375	4,140	3,672	4,644
Operator Tillable Acres	576	533	617	1,294	1,286	1,205	3,745	3,235	4,239
Percent Land Owned	37.6%	39.6%	27.6%	23.8%	28.5%	22.6%	28.9%	20.6%	34.8%
Percent Land Crop Share	24.3%	11.2%	34.4%	28.8%	28.3%	38.6%	26.4%	35.0%	22.5%
Percent Land Cash Rent	38.1%	49.1%	38.0%	47.4%	43.1%	38.8%	44.7%	44.3%	42.7%
Months of Hired Labor	19.4	17.0	20.2	31.1	37.6	29.4	83.8	60.4	81.3
Months of Unpaid Labor	12.8	10.0	14.0	14.8	17.2	14.4	20.8	18.7	20.3
Total Months Labor	32.3	27.0	34.1	45.9	54.8	43.8	104.6	79.1	101.5
FARM RETURNS									
Total Cash Operating	569,549	420,083	697,158	1,214,823	1,245,345	1,199,754	3,762,376	3,155,503	4,398,479
Inventory Change	61,018	36,144	71,673	129,053	9,860	206,476	461,451	127,813	626,589
Accounts Receivable Change	(5,458)	3,076	(10,285)	(60,679)	(19,864)	(32,129)	(116,624)	(167,745)	(101,180)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	10,626	6,628	13,888	27,584	24,458	47,077	157,380	147,646	183,984
Less Purchased Livestock	6,164	11,582	1,160	4,936	10,403	3,366	15,733	11,937	3,903
GROSS FARM RETURNS	608,319	441,094	743,499	1,250,678	1,200,481	1,323,657	3,934,090	2,955,988	4,736,001
FARM COSTS									
Total Cash Operating	403,908	345,494	442,830	852,300	944,689	747,656	2,748,453	2,428,988	3,032,039
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	6,562	16,949	(7,233)	(9,871)	(7,435)	(22,577)	(132,083)	9,261	(401,499)
Accounts Payable Change	1,983	5,209	724	754	(228)	4,391	14,122	(60,755)	102,204
TOTAL OPERATING EXPENSE	412,453	367,652	436,321	843,182	937,027	729,470	2,630,492	2,377,495	2,732,744
INCOME BEFORE DEPRECIATION	195,866	73,442	307,177	407,496	263,454	594,187	1,303,599	578,493	2,003,257
Less Depreciation	53,941	50,047	52,901	107,456	125,054	110,153	331,729	325,683	321,782
FARM OPERATING INCOME	141,925	23,395	254,276	300,039	138,400	484,035	971,870	252,810	1,681,475
Capital Account Adjustment	5,765	1,985	5,523	5,949	2,411	6,980	14,614	19,276	14,377
NET FARM INCOME (NFI)	147,690	25,380	259,800	305,988	140,811	491,015	986,484	272,085	1,695,851
Less Unpaid Family Labor	1,923	0	4,051	490	0	1,469	2,254	0	2,505
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	145,767	25,380	255,748	305,498	140,811	489,546	984,230	272,085	1,693,347
Less Unpaid Operator Labor	33,398	27,550	34,438	40,284	47,386	38,203	55,058	51,594	53,347
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	112,369	(2,170)	221,311	265,214	93,425	451,343	929,171	220,492	1,640,000
Less Equity Capital Charge	62,453	55,538	59,146	100,767	106,366	91,416	337,442	243,936	454,812
MANAGEMENT RETURNS	49,916	(57,709)	162,165	164,447	(12,941)	359,927	591,730	(23,444)	1,185,188
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	64.54%	78.68%	56.61%	64.54%	74.36%	51.88%	64.04%	77.29%	55.89%
Depreciation Expense Ratio (%)	8.87%	11.35%	7.12%	8.59%	10.42%	8.32%	8.43%	11.02%	6.79%
Interest Expense Ratio (%)	3.27%	4.67%	2.08%	2.88%	3.70%	3.23%	2.83%	3.14%	1.81%
NFI from Operations Ratio (%)	23.33%	5.30%	34.20%	23.99%	11.53%	36.57%	24.70%	8.55%	35.50%

Table E - Summary of Kentucky Grain Farms by Area & Management 1 2013

PRELIMINARY									
	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal	Purchase	Central Ky	Central Ky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	All	Hi 1/3
Number of Farms	44	15	15	84	28	28	16	20	7
Total Acres in Farm	2,315	2,507	2,266	2,572	3,082	1,848	2,647	1,829	2,819
Tillable Acres in Farm	2,170	2,457	2,034	2,369	2,879	1,657	2,564	1,753	2,803
Operator Tillable Acres	1,858	2,033	1,790	2,185	2,642	1,499	2,342	1,657	2,581
Percent Land Owned	25.2%	28.5%	26.6%	32.3%	36.2%	28.8%	30.8%	15.9%	15.4%
Percent Land Crop Share	41.2%	45.1%	36.5%	22.2%	22.8%	27.3%	24.5%	14.9%	20.3%
Percent Land Cash Rent	33.6%	26.3%	36.9%	45.5%	41.0%	43.9%	44.6%	69.2%	64.2%
Months of Hired Labor	31.0	27.6	25.1	60.5	56.1	45.5	34.6	48.1	94.4
Months of Unpaid Labor	18.1	18.1	17.8	16.5	16.8	15.9	19.2	11.4	13.1
Total Months Labor	49.1	45.7	42.9	77.0	73.0	61.5	53.8	59.5	107.5
FARM RETURNS									
Total Cash Operating	1,640,399	1,736,909	1,558,116	2,404,012	3,098,982	1,543,218	1,870,916	1,456,032	2,082,489
Inventory Change	209,398	288,918	91,254	219,182	358,270	(16,742)	465,664	221,089	475,323
Accounts Receivable Change	(73,631)	(30,605)	(81,474)	(54,263)	(50,000)	(57,069)	3,653	(148,880)	(228,406)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	55,291	67,026	25,995	84,619	109,545	54,352	92,344	58,662	141,209
Less Purchased Livestock	1,479	1,290	2,707	14,405	2,979	15,481	523	15,183	5,903
GROSS FARM RETURNS	1,719,396	1,926,906	1,539,193	2,469,906	3,294,729	1,399,574	2,247,367	1,454,395	2,182,293
FARM COSTS									
Total Cash Operating	1,191,481	1,162,575	1,203,308	1,739,050	2,124,182	1,152,143	1,358,336	1,045,989	1,433,177
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	(1,974)	(32,948)	6,925	(115,669)	(323,223)	22,843	113,347	(41,222)	(72,629)
Accounts Payable Change	4,773	2,299	942	6,427	72,725	(30,146)	7,039	10,430	36,612
TOTAL OPERATING EXPENSE	1,194,280	1,131,926	1,211,175	1,629,808	1,873,684	1,144,840	1,478,722	1,015,197	1,397,160
INCOME BEFORE DEPRECIATION	525,116	794,980	328,018	840,099	1,421,045	254,734	768,645	439,198	785,134
Less Depreciation	183,889	176,476	200,237	188,614	224,060	140,916	211,820	113,233	138,950
FARM OPERATING INCOME	341,227	618,504	127,781	651,485	1,196,984	113,818	556,825	325,966	646,185
Capital Account Adjustment	10,468	7,845	6,272	10,850	13,102	9,414	(2,491)	10,282	11,246
NET FARM INCOME (NFI)	351,695	626,349	134,053	662,334	1,210,086	123,232	554,334	336,248	657,431
Less Unpaid Family Labor	0	0	0	2,197	3,050	787	3,788	1,378	1,574
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	351,695	626,349	134,053	660,137	1,207,036	122,445	550,546	334,870	655,857
Less Unpaid Operator Labor	49,934	49,866	49,039	43,260	43,293	43,096	49,073	30,030	34,634
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	301,761	576,484	85,014	616,877	1,163,743	79,349	501,473	304,841	621,222
Less Equity Capital Charge	153,765	167,873	166,877	220,101	308,649	122,497	184,742	95,284	118,286
MANAGEMENT RETURNS	147,996	408,611	(81,863)	396,775	855,094	(43,148)	316,731	209,557	502,936
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	66.02%	55.37%	75.06%	63.38%	54.92%	77.93%	62.16%	67.44%	61.55%
Depreciation Expense Ratio (%)	10.69%	9.16%	13.01%	7.64%	6.80%	10.07%	9.43%	7.79%	6.37%
Interest Expense Ratio (%)	3.44%	3.37%	3.63%	2.61%	1.95%	3.87%	3.64%	2.37%	2.47%
NFI from Operations Ratio (%)	19.85%	32.10%	8.30%	26.38%	36.33%	8.13%	24.78%	22.41%	29.61%

Table Ea - Summary of Central Kentucky Grain Farms by Area & Management 2013

				PRELIMINARY
	Kentucky	Central Ky	Central Ky	Central Ky
	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All
Management Returns	All	All	Hi 1/3	Lo 1/3
Number of Farms	164	20	7	7
Total Acres in Farm	2,420	1,829	2,819	915
Tillable Acres in Farm	2,259	1,753	2,803	857
Operator Tillable Acres	2,048	1,657	2,581	844
Percent Land Owned	28.8%	15.9%	15.4%	26.0%
Percent Land Crop Share	26.6%	14.9%	20.3%	8.6%
Percent Land Cash Rent	44.6%	69.2%	64.2%	65.4%
Months of Hired Labor	48.5	48.1	94.4	14.4
Months of Unpaid Labor	16.6	11.4	13.1	8.3
Total Months Labor	65.1	59.5	107.5	22.7
FARM RETURNS				
Total Cash Operating	2,031,524	1,456,032	2,082,489	803,710
Inventory Change	240,836	221,089	475,323	(2,038)
Accounts Receivable Change	(65,348)	(148,880)	(228,406)	(45,032)
Farm Products Used	0	0	0	0
Less Purchased Feed & Grain	74,339	58,662	141,209	4,813
Less Purchased Livestock	9,678	15,183	5,903	443
GROSS FARM RETURNS	2,122,996	1,454,395	2,182,293	751,384
FARM COSTS				
Total Cash Operating	1,470,479	1,045,989	1,433,177	656,103
Farm Products Used	0	0	0	0
Prepaid Expense Change	(53,744)	(41,222)	(72,629)	(29,319)
Accounts Payable Change	6,531	10,430	36,612	(1,109)
TOTAL OPERATING EXPENSE	1,423,266	1,015,197	1,397,160	625,675
INCOME BEFORE DEPRECIATION	699,730	439,198	785,134	125,709
Less Depreciation	180,417	113,233	138,950	70,377
FARM OPERATING INCOME	519,312	325,966	646,185	55,332
Capital Account Adjustment	9,376	10,282	11,246	(3,900)
NET FARM INCOME (NFI)	528,689	336,248	657,431	51,432
Less Unpaid Family Labor	1,663	1,378	1,574	0
RETURNS TO OPERATOR LABOR				
CAPITAL, & MANAGEMENT	527,026	334,870	655,857	51,432
Less Unpaid Operator Labor	44,004	30,030	34,634	22,827
RETURNS TO EQUITY CAPITAL				
& MANAGEMENT	483,021	304,841	621,222	28,605
Less Equity Capital Charge	183,632	95,284	118,286	77,766
MANAGEMENT RETURNS	299,389	209,557	502,936	(49,161)
FINANCIAL EFFICIENCY RATIOS				
Operating Expense Ratio (%)	64.16%	67.44%	61.55%	81.47%
Depreciation Expense Ratio (%)	8.50%	7.79%	6.37%	9.37%
Interest Expense Ratio (%)	2.88%	2.37%	2.47%	1.80%
NFI from Operations Ratio (%)	24.46%	22.41%	29.61%	7.36%

Table Eb - Summary of Kentucky Grain Farms by Area & Management 2013

PRELIMINARY									
	Kentucky	Kentucky	Kentucky	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3
Number of Farms	164	54	54	44	15	15	84	28	28
Total Acres in Farm	2,420	3,127	1,908	2,315	2,507	2,266	2,572	3,082	1,848
Tillable Acres in Farm	2,259	2,943	1,722	2,170	2,457	2,034	2,369	2,879	1,657
Operator Tillable Acres	2,048	2,690	1,531	1,858	2,033	1,790	2,185	2,642	1,499
Percent Land Owned	28.8%	35.7%	26.6%	25.2%	28.5%	26.6%	32.3%	36.2%	28.8%
Percent Land Crop Share	26.6%	23.5%	33.7%	41.2%	45.1%	36.5%	22.2%	22.8%	27.3%
Percent Land Cash Rent	44.6%	40.8%	39.7%	33.6%	26.3%	36.9%	45.5%	41.0%	43.9%
Months of Hired Labor	48.5	65.1	35.1	31.0	27.6	25.1	60.5	56.1	45.5
Months of Unpaid Labor	16.6	17.5	15.1	18.1	18.1	17.8	16.5	16.8	15.9
Total Months Labor	65.1	82.7	50.2	49.1	45.7	42.9	77.0	73.0	61.5
FARM RETURNS									
Total Cash Operating	2,031,524	2,798,100	1,427,699	1,640,399	1,736,909	1,558,116	2,404,012	3,098,982	1,543,218
Inventory Change	240,836	425,651	43,735	209,398	288,918	91,254	219,182	358,270	(16,742)
Accounts Receivable Change	(65,348)	(58,193)	(61,732)	(73,631)	(30,605)	(81,474)	(54,263)	(50,000)	(57,069)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	74,339	95,417	38,119	55,291	67,026	25,995	84,619	109,545	54,352
Less Purchased Livestock	9,678	11,332	6,523	1,479	1,290	2,707	14,405	2,979	15,481
GROSS FARM RETURNS	2,122,996	3,058,809	1,365,061	1,719,396	1,926,906	1,539,193	2,469,906	3,294,729	1,399,574
FARM COSTS									
Total Cash Operating	1,470,479	1,950,313	1,100,461	1,191,481	1,162,575	1,203,308	1,739,050	2,124,182	1,152,143
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	(53,744)	(204,214)	7,338	(1,974)	(32,948)	6,925	(115,669)	(323,223)	22,843
Accounts Payable Change	6,531	42,883	(11,169)	4,773	2,299	942	6,427	72,725	(30,146)
TOTAL OPERATING EXPENSE	1,423,266	1,788,982	1,096,630	1,194,280	1,131,926	1,211,175	1,629,808	1,873,684	1,144,840
INCOME BEFORE DEPRECIATION	699,730	1,269,829	268,431	525,116	794,980	328,018	840,099	1,421,045	254,734
Less Depreciation	180,417	214,246	155,399	183,889	176,476	200,237	188,614	224,060	140,916
FARM OPERATING INCOME	519,312	1,055,583	113,033	341,227	618,504	127,781	651,485	1,196,984	113,818
Capital Account Adjustment	9,376	13,328	9,091	10,468	7,845	6,272	10,850	13,102	9,414
NET FARM INCOME (NFI)	528,689	1,068,911	122,124	351,695	626,349	134,053	662,334	1,210,086	123,232
Less Unpaid Family Labor	1,663	2,143	408	0	0	0	2,197	3,050	787
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	527,026	1,066,768	121,716	351,695	626,349	134,053	660,137	1,207,036	122,445
Less Unpaid Operator Labor	44,004	46,197	41,274	49,934	49,866	49,039	43,260	43,293	43,096
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	483,021	1,020,571	80,442	301,761	576,484	85,014	616,877	1,163,743	79,349
Less Equity Capital Charge	183,632	287,309	132,154	153,765	167,873	166,877	220,101	308,649	122,497
MANAGEMENT RETURNS	299,389	733,262	(51,712)	147,996	408,611	(81,863)	396,775	855,094	(43,148)
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	64.16%	56.15%	76.80%	66.02%	55.37%	75.06%	63.38%	54.92%	77.93%
Depreciation Expense Ratio (%)	8.50%	7.00%	11.38%	10.69%	9.16%	13.01%	7.64%	6.80%	10.07%
Interest Expense Ratio (%)	2.88%	2.34%	3.53%	3.44%	3.37%	3.63%	2.61%	1.95%	3.87%
NFI from Operations Ratio (%)	24.46%	34.51%	8.28%	19.85%	32.10%	8.30%	26.38%	36.33%	8.13%

Table Ec - Summary of Kentucky Grain Farms by Area & Management 2013

PRELIMINARY							
	Kentucky	Kentucky	Kentucky	Central Ky	Central Ky	Central Ky	Purchase
	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All
Number of Farms	164	54	54	20	7	7	16
Total Acres in Farm	2,420	3,127	1,908	1,829	2,819	915	2,647
Tillable Acres in Farm	2,259	2,943	1,722	1,753	2,803	857	2,564
Operator Tillable Acres	2,048	2,690	1,531	1,657	2,581	844	2,342
Percent Land Owned	28.8%	35.7%	26.6%	15.9%	15.4%	26.0%	30.8%
Percent Land Crop Share	26.6%	23.5%	33.7%	14.9%	20.3%	8.6%	24.5%
Percent Land Cash Rent	44.6%	40.8%	39.7%	69.2%	64.2%	65.4%	44.6%
Months of Hired Labor	48.5	65.1	35.1	48.1	94.4	14.4	34.6
Months of Unpaid Labor	16.6	17.5	15.1	11.4	13.1	8.3	19.2
Total Months Labor	65.1	82.7	50.2	59.5	107.5	22.7	53.8
FARM RETURNS							
Total Cash Operating	2,031,524	2,798,100	1,427,699	1,456,032	2,082,489	803,710	1,870,916
Inventory Change	240,836	425,651	43,735	221,089	475,323	(2,038)	465,664
Accounts Receivable Change	(65,348)	(58,193)	(61,732)	(148,880)	(228,406)	(45,032)	3,653
Farm Products Used	0	0	0	0	0	0	0
Less Purchased Feed & Grain	74,339	95,417	38,119	58,662	141,209	4,813	92,344
Less Purchased Livestock	9,678	11,332	6,523	15,183	5,903	443	523
GROSS FARM RETURNS	2,122,996	3,058,809	1,365,061	1,454,395	2,182,293	751,384	2,247,367
FARM COSTS							
Total Cash Operating	1,470,479	1,950,313	1,100,461	1,045,989	1,433,177	656,103	1,358,336
Farm Products Used	0	0	0	0	0	0	0
Prepaid Expense Change	(53,744)	(204,214)	7,338	(41,222)	(72,629)	(29,319)	113,347
Accounts Payable Change	6,531	42,883	(11,169)	10,430	36,612	(1,109)	7,039
TOTAL OPERATING EXPENSE	1,423,266	1,788,982	1,096,630	1,015,197	1,397,160	625,675	1,478,722
INCOME BEFORE DEPRECIATION	699,730	1,269,829	268,431	439,198	785,134	125,709	768,645
Less Depreciation	180,417	214,246	155,399	113,233	138,950	70,377	211,820
FARM OPERATING INCOME	519,312	1,055,583	113,033	325,966	646,185	55,332	556,825
Capital Account Adjustment	9,376	13,328	9,091	10,282	11,246	(3,900)	(2,491)
NET FARM INCOME (NFI)	528,689	1,068,911	122,124	336,248	657,431	51,432	554,334
Less Unpaid Family Labor	1,663	2,143	408	1,378	1,574	0	3,788
RETURNS TO OPERATOR LABOR							
CAPITAL, & MANAGEMENT	527,026	1,066,768	121,716	334,870	655,857	51,432	550,546
Less Unpaid Operator Labor	44,004	46,197	41,274	30,030	34,634	22,827	49,073
RETURNS TO EQUITY CAPITAL							
& MANAGEMENT	483,021	1,020,571	80,442	304,841	621,222	28,605	501,473
Less Equity Capital Charge	183,632	287,309	132,154	95,284	118,286	77,766	184,742
MANAGEMENT RETURNS	299,389	733,262	(51,712)	209,557	502,936	(49,161)	316,731
FINANCIAL EFFICIENCY RATIOS							
Operating Expense Ratio (%)	64.16%	56.15%	76.80%	67.44%	61.55%	81.47%	62.16%
Depreciation Expense Ratio (%)	8.50%	7.00%	11.38%	7.79%	6.37%	9.37%	9.43%
Interest Expense Ratio (%)	2.88%	2.34%	3.53%	2.37%	2.47%	1.80%	3.64%
NFI from Operations Ratio (%)	24.46%	34.51%	8.28%	22.41%	29.61%	7.36%	24.78%

Table F - Summary of Kentucky Grain Farms by Area & Size 2013

PRELIMINARY								
	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	44	84	16	20	53	45	66	164
Total Acres in Farm	2,315	2,572	2,647	1,829	723	1,548	4,377	2,420
Tillable Acres in Farm	2,170	2,369	2,564	1,753	627	1,424	4,140	2,259
Operator Tillable Acres	1,858	2,185	2,342	1,657	576	1,294	3,745	2,048
Percent Land Owned	25.2%	32.3%	30.8%	15.9%	37.6%	23.8%	28.9%	28.8%
Percent Land Crop Share	41.2%	22.2%	24.5%	14.9%	24.3%	28.8%	26.4%	26.6%
Percent Land Cash Rent	33.6%	45.5%	44.6%	69.2%	38.1%	47.4%	44.7%	44.6%
Months of Hired Labor	31.0	60.5	34.6	48.1	19.4	31.1	83.8	48.5
Months of Unpaid Labor	18.1	16.5	19.2	11.4	12.8	14.8	20.8	16.6
Total Months Labor	49.1	77.0	53.8	59.5	32.3	45.9	104.6	65.1
FARM RETURNS								
Total Cash Operating	1,640,399	2,404,012	1,870,916	1,456,032	569,549	1,214,823	3,762,376	2,031,524
Inventory Change	209,398	219,182	465,664	221,089	61,018	129,053	461,451	240,836
Accounts Receivable Change	(73,631)	(54,263)	3,653	(148,880)	(5,458)	(60,679)	(116,624)	(65,348)
Farm Products Used	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	55,291	84,619	92,344	58,662	10,626	27,584	157,380	74,339
Less Purchased Livestock	1,479	14,405	523	15,183	6,164	4,936	15,733	9,678
GROSS FARM RETURNS	1,719,396	2,469,906	2,247,367	1,454,395	608,319	1,250,678	3,934,090	2,122,996
FARM COSTS								
Total Cash Operating	1,191,481	1,739,050	1,358,336	1,045,989	403,908	852,300	2,748,453	1,470,479
Farm Products Used	0	0	0	0	0	0	0	0
Prepaid Expense Change	(1,974)	(115,669)	113,347	(41,222)	6,562	(9,871)	(132,083)	(53,744)
Accounts Payable Change	4,773	6,427	7,039	10,430	1,983	754	14,122	6,531
TOTAL OPERATING EXPENSE	1,194,280	1,629,808	1,478,722	1,015,197	412,453	843,182	2,630,492	1,423,266
INCOME BEFORE DEPRECIATION	525,116	840,099	768,645	439,198	195,866	407,496	1,303,599	699,730
Less Depreciation	183,889	188,614	211,820	113,233	53,941	107,456	331,729	180,417
FARM OPERATING INCOME	341,227	651,485	556,825	325,966	141,925	300,039	971,870	519,312
Capital Account Adjustment	10,468	10,850	(2,491)	10,282	5,765	5,949	14,614	9,376
NET FARM INCOME (NFI)	351,695	662,334	554,334	336,248	147,690	305,988	986,484	528,689
Less Unpaid Family Labor	0	2,197	3,788	1,378	1,923	490	2,254	1,663
RETURNS TO OPERATOR LABOR								
CAPITAL, & MANAGEMENT	351,695	660,137	550,546	334,870	145,767	305,498	984,230	527,026
Less Unpaid Operator Labor	49,934	43,260	49,073	30,030	33,398	40,284	55,058	44,004
RETURNS TO EQUITY CAPITAL								
& MANAGEMENT	301,761	616,877	501,473	304,841	112,369	265,214	929,171	483,021
Less Equity Capital Charge	153,765	220,101	184,742	95,284	62,453	100,767	337,442	183,632
MANAGEMENT RETURNS	147,996	396,775	316,731	209,557	49,916	164,447	591,730	299,389
FINANCIAL EFFICIENCY RATIOS								
Operating Expense Ratio (%)	66.02%	63.38%	62.16%	67.44%	64.54%	64.54%	64.04%	64.16%
Depreciation Expense Ratio (%)	10.69%	7.64%	9.43%	7.79%	8.87%	8.59%	8.43%	8.50%
Interest Expense Ratio (%)	3.44%	2.61%	3.64%	2.37%	3.27%	2.88%	2.83%	2.88%
NFI from Operations Ratio (%)	19.85%	26.38%	24.78%	22.41%	23.33%	23.99%	24.70%	24.46%

Table G - Summary of Kentucky Grain Farms by Area & Size, 0% Feed Fed 2013

PRELIMINARY								
	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	28	42	14	9	31	24	38	93
Total Acres in Farm	2,300	2,582	2,670	1,187	695	1,528	4,282	2,376
Tillable Acres in Farm	2,236	2,365	2,575	1,155	617	1,441	4,070	2,241
Operator Tillable Acres	1,882	2,188	2,354	1,115	561	1,331	3,637	2,017
Percent Land Owned	25.8%	30.9%	31.7%	15.5%	39.1%	20.0%	29.4%	28.7%
Percent Land Crop Share	44.8%	19.7%	25.3%	10.5%	26.9%	25.8%	28.3%	27.7%
Percent Land Cash Rent	29.4%	49.4%	43.1%	74.0%	34.1%	54.2%	42.3%	43.5%
Months of Hired Labor	30.1	64.4	36.9	19.4	17.1	34.8	75.6	45.6
Months of Unpaid Labor	19.1	15.9	18.8	10.9	12.3	14.4	22.0	16.8
Total Months Labor	49.2	80.3	55.7	30.3	29.5	49.2	97.6	62.4
FARM RETURNS								
Total Cash Operating	1,718,150	2,554,829	1,889,717	963,629	540,168	1,346,624	3,723,039	2,048,814
Inventory Change	208,644	173,477	447,449	120,880	63,225	151,167	391,903	220,218
Accounts Receivable Change	(47,896)	(63,705)	29,272	(88,264)	(2,912)	(80,264)	(62,754)	(47,325)
Farm Products Used	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	77,778	78,278	97,719	34,682	6,438	31,841	162,682	76,835
Less Purchased Livestock	0	822	0	0	0	0	909	371
GROSS FARM RETURNS	1,801,120	2,585,500	2,268,720	961,563	594,044	1,385,685	3,888,597	2,144,500
FARM COSTS								
Total Cash Operating	1,208,009	1,793,257	1,377,414	762,800	399,065	953,098	2,632,755	1,454,731
Farm Products Used	0	0	0	0	0	0	0	0
Prepaid Expense Change	(14,124)	(87,736)	119,110	(24,998)	5,312	(13,901)	(64,971)	(28,364)
Accounts Payable Change	6,722	(7,072)	8,425	1,639	2,803	2,396	(3,172)	257
TOTAL OPERATING EXPENSE	1,200,607	1,698,448	1,504,949	739,440	407,181	941,594	2,564,613	1,426,624
INCOME BEFORE DEPRECIATION	600,513	887,052	763,771	222,122	186,863	444,092	1,323,986	717,875
Less Depreciation	187,629	199,216	220,496	81,103	60,521	122,438	332,181	187,500
FARM OPERATING INCOME	412,884	687,836	543,275	141,020	126,341	321,654	991,804	530,375
Capital Account Adjustment	10,268	12,124	(2,780)	(1,381)	7,267	3,100	11,729	8,015
NET FARM INCOME (NFI)	423,152	699,960	540,495	139,639	133,608	324,754	1,003,534	538,390
Less Unpaid Family Labor	0	2,689	3,936	0	1,600	0	3,118	1,807
RETURNS TO OPERATOR LABOR								
CAPITAL, & MANAGEMENT	423,152	697,270	536,560	139,639	132,009	324,754	1,000,416	536,583
Less Unpaid Operator Labor	52,689	41,063	47,819	29,999	32,393	39,718	57,420	44,510
RETURNS TO EQUITY CAPITAL								
& MANAGEMENT	370,463	656,208	488,741	109,640	99,615	285,036	942,996	492,073
Less Equity Capital Charge	148,589	220,474	195,023	66,993	62,800	97,126	328,312	180,147
MANAGEMENT RETURNS	221,873	435,734	293,718	42,647	36,815	187,910	614,684	311,926
FINANCIAL EFFICIENCY RATIOS								
Operating Expense Ratio (%)	62.87%	63.21%	62.74%	74.11%	64.92%	65.40%	62.92%	63.52%
Depreciation Expense Ratio (%)	10.42%	7.71%	9.72%	8.43%	10.19%	8.84%	8.54%	8.74%
Interest Expense Ratio (%)	3.79%	2.48%	3.60%	2.79%	3.63%	2.55%	3.03%	3.00%
NFI from Operations Ratio (%)	22.92%	26.60%	23.95%	14.67%	21.27%	23.21%	25.51%	24.73%

Table H - Summary of Kentucky Grain Farms by Returns to Non-Feed Costs 2013			PRELIMINARY
	Grain	Grain	Grain
Range in Size (Acres)	All	All	All
Management Returns	All	Lo 1/3	Hi 1/3
Number of Farms	164	54	54
Total Acres in Farm	2,420	1,908	3,127
Tillable Acres in Farm	2,259	1,722	2,943
Operator Tillable Acres	2,048	1,531	2,690
Percent Land Owned	28.8%	26.6%	35.7%
Percent Land Crop Share	26.6%	33.7%	23.5%
Percent Land Cash Rent	44.6%	39.7%	40.8%
Months of Hired Labor	48.5	35.1	65.1
Months of Unpaid Labor	16.6	15.1	17.5
Total Months Labor	65.1	50.2	82.7
FARM RETURNS			
Total Cash Operating	2,031,524	1,427,699	2,798,100
Inventory Change	240,836	43,735	425,651
Accounts Receivable Change	(65,348)	(61,732)	(58,193)
Farm Products Used	0	0	0
Less Purchased Feed & Grain	74,339	38,119	95,417
Less Purchased Livestock	9,678	6,523	11,332
GROSS FARM RETURNS	2,122,996	1,365,061	3,058,809
FARM COSTS			
Total Cash Operating	1,470,479	1,100,461	1,950,313
Farm Products Used	0	0	0
Prepaid Expense Change	(53,744)	7,338	(204,214)
Accounts Payable Change	6,531	(11,169)	42,883
TOTAL OPERATING EXPENSE	1,423,266	1,096,630	1,788,982
INCOME BEFORE DEPRECIATION	699,730	268,431	1,269,829
Less Depreciation	180,417	155,399	214,246
FARM OPERATING INCOME	519,312	113,033	1,055,583
Capital Account Adjustment	9,376	9,091	13,328
NET FARM INCOME (NFI)	528,689	122,124	1,068,911
Less Unpaid Family Labor	1,663	408	2,143
RETURNS TO OPERATOR LABOR			
CAPITAL, & MANAGEMENT	527,026	121,716	1,066,768
Less Unpaid Operator Labor	44,004	41,274	46,197
RETURNS TO EQUITY CAPITAL			
& MANAGEMENT	483,021	80,442	1,020,571
Less Equity Capital Charge	183,632	132,154	287,309
MANAGEMENT RETURNS	299,389	(51,712)	733,262
FINANCIAL EFFICIENCY RATIOS			
Operating Expense Ratio (%)	64.16%	76.80%	56.15%
Depreciation Expense Ratio (%)	8.50%	11.38%	7.00%
Interest Expense Ratio (%)	2.88%	3.53%	2.34%
NFI from Operations Ratio (%)	24.46%	8.28%	34.51%

Table J - Summary of Kentucky Dairy Farms by Size 2013

PRELIMINARY	
Range in Size (Acres)	All
Management Returns	All
Number of Farms	14
Total Acres in Farm	669
Tillable Acres in Farm	518
Operator Tillable Acres	512
Percent Land Owned	56.0%
Percent Land Crop Share	3.2%
Percent Land Cash Rent	40.8%
Months of Hired Labor	46.9
Months of Unpaid Labor	17.5
Total Months Labor	64.4
FARM RETURNS	
Total Cash Operating	1,498,530
Inventory Change	55,594
Accounts Receivable Change	(533)
Farm Products Used	0
Less Purchased Feed & Grain	536,080
Less Purchased Livestock	20,566
GROSS FARM RETURNS	996,946
FARM COSTS	
Total Cash Operating	740,619
Farm Products Used	0
Prepaid Expense Change	(3,197)
Accounts Payable Change	(6,059)
TOTAL OPERATING EXPENSE	731,362
INCOME BEFORE DEPRECIATION	265,583
Less Depreciation	68,997
FARM OPERATING INCOME	196,587
Capital Account Adjustment	1,787
NET FARM INCOME (NFI)	198,373
Less Unpaid Family Labor	3,542
RETURNS TO OPERATOR LABOR	
CAPITAL, & MANAGEMENT	194,831
Less Unpaid Operator Labor	44,670
RETURNS TO EQUITY CAPITAL	
& MANAGEMENT	150,161
Less Equity Capital Charge	103,946
MANAGEMENT RETURNS	46,214
FINANCIAL EFFICIENCY RATIOS	
Operating Expense Ratio (%)	69.98%
Depreciation Expense Ratio (%)	6.92%
Interest Expense Ratio (%)	3.38%
NFI from Operations Ratio (%)	19.72%

Table K - Summary of Pennyroyal Grain Farms by Size & Management 2013

PRELIMINARY									
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	25	8	8	22	7	7	37	12	12
Total Acres in Farm	717	632	855	1,625	1,710	1,504	4,388	3,970	5,180
Tillable Acres in Farm	609	501	791	1,464	1,435	1,371	4,096	3,812	4,884
Operator Tillable Acres	572	491	709	1,319	1,308	1,232	3,790	3,407	4,544
Percent Land Owned	43.3%	43.0%	29.4%	25.9%	24.7%	24.9%	32.6%	21.4%	41.0%
Percent Land Crop Share	20.7%	6.6%	34.4%	31.1%	30.0%	32.4%	20.4%	29.4%	17.2%
Percent Land Cash Rent	36.0%	50.5%	36.3%	43.0%	45.3%	42.7%	47.0%	49.2%	41.8%
Months of Hired Labor	24.1	31.5	23.2	34.2	39.4	36.1	100.7	74.1	80.2
Months of Unpaid Labor	14.0	13.3	14.5	16.3	17.1	14.9	18.4	18.0	19.3
Total Months Labor	38.0	44.8	37.7	50.4	56.5	51.0	119.1	92.1	99.4
FARM RETURNS									
Total Cash Operating	636,214	462,074	939,469	1,302,360	1,260,866	1,388,742	4,253,508	3,629,603	5,325,227
Inventory Change	44,109	75,767	29,849	117,852	(45,752)	174,919	397,724	(11,344)	637,993
Accounts Receivable Change	(3,637)	368	0	(68,797)	(14,342)	(68,377)	(79,827)	(108,164)	(73,136)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	15,751	10,514	26,454	24,257	20,005	31,006	167,042	235,571	172,695
Less Purchased Livestock	8,111	20,723	575	8,267	22,126	1,428	22,308	20,734	5,614
GROSS FARM RETURNS	652,824	506,971	942,288	1,318,891	1,158,641	1,462,850	4,382,054	3,253,789	5,711,774
FARM COSTS									
Total Cash Operating	415,586	394,012	545,349	862,268	872,855	849,499	3,154,614	2,784,424	3,754,578
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	11,979	22,928	(4,974)	(10,671)	20,885	(48,539)	(264,349)	9,461	(692,725)
Accounts Payable Change	506	5,875	(2,617)	(2,654)	(7,088)	5,237	15,827	(121,021)	164,064
TOTAL OPERATING EXPENSE	428,072	422,815	537,758	848,943	886,653	806,197	2,906,091	2,672,864	3,225,918
INCOME BEFORE DEPRECIATION	224,752	84,157	404,530	469,948	271,988	656,653	1,475,964	580,925	2,485,857
Less Depreciation	56,231	55,930	76,046	110,068	119,783	103,228	324,766	309,570	373,514
FARM OPERATING INCOME	168,521	28,227	328,484	359,880	152,205	553,425	1,151,198	271,356	2,112,343
Capital Account Adjustment	5,647	4,746	8,824	10,248	7,929	10,974	14,723	17,330	18,458
NET FARM INCOME (NFI)	174,168	32,973	337,308	370,128	160,134	564,399	1,165,921	288,686	2,130,801
Less Unpaid Family Labor	3,967	0	8,265	1,002	0	2,361	1,713	0	3,903
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	170,201	32,973	329,043	369,126	160,134	562,038	1,164,208	288,686	2,126,898
Less Unpaid Operator Labor	34,493	36,504	31,683	43,830	47,229	38,570	48,845	49,590	49,131
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	135,708	(3,530)	297,361	325,297	112,905	523,468	1,115,363	239,096	2,077,767
Less Equity Capital Charge	71,431	44,995	85,957	112,764	101,948	88,257	384,376	230,394	581,734
MANAGEMENT RETURNS	64,277	(48,525)	211,403	212,533	10,957	435,211	730,987	8,701	1,496,033
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	62.60%	76.64%	55.86%	61.77%	73.51%	51.50%	63.74%	78.68%	54.72%
Depreciation Expense Ratio (%)	8.61%	11.03%	8.07%	8.35%	10.34%	7.06%	7.41%	9.51%	6.54%
Interest Expense Ratio (%)	2.97%	6.76%	1.21%	2.60%	3.02%	3.61%	2.58%	3.46%	1.76%
NFI from Operations Ratio (%)	25.81%	5.57%	34.86%	27.29%	13.14%	37.83%	26.27%	8.34%	36.98%

Table L - Summary of Pennyroyal Grain Farms by Size 2013						PRELIMINARY
Range in Size (Acres)	All	0-999	1000-1999	2000-2999	3000-4100	4101+
Management Returns	All	All	All	All	All	All
Number of Farms	84	25	22	15	13	9
Total Acres in Farm	2,572	717	1,625	2,698	3,755	8,120
Tillable Acres in Farm	2,369	609	1,464	2,552	3,539	7,475
Operator Tillable Acres	2,185	572	1,319	2,306	3,118	7,236
Percent Land Owned	32.3%	43.3%	25.9%	23.9%	25.7%	42.2%
Percent Land Crop Share	22.2%	20.7%	31.1%	30.6%	27.0%	10.0%
Percent Land Cash Rent	45.5%	36.0%	43.0%	45.4%	47.2%	47.7%
Months of Hired Labor	60.5	24.1	34.2	104.5	55.3	160.0
Months of Unpaid Labor	16.5	14.0	16.3	17.9	18.5	18.9
Total Months Labor	77.0	38.0	50.4	122.5	73.8	178.9
FARM RETURNS						
Total Cash Operating	2,404,012	636,214	1,302,360	2,639,809	3,511,220	8,015,202
Inventory Change	219,182	44,109	117,852	266,647	64,687	1,097,239
Accounts Receivable Change	(54,263)	(3,637)	(68,797)	(112,837)	(63,398)	(48,542)
Farm Products Used	0	0	0	0	0	0
Less Purchased Feed & Grain	84,619	15,751	24,257	119,710	110,435	327,695
Less Purchased Livestock	14,405	8,111	8,267	24,785	18,974	22,997
GROSS FARM RETURNS	2,469,906	652,824	1,318,891	2,649,123	3,383,101	8,713,207
FARM COSTS						
Total Cash Operating	1,739,050	415,586	862,268	1,966,602	2,314,688	6,347,856
Farm Products Used	0	0	0	0	0	0
Prepaid Expense Change	(115,669)	11,979	(10,671)	(124,469)	(50,603)	(806,228)
Accounts Payable Change	6,427	506	(2,654)	(14,355)	(23,156)	122,440
TOTAL OPERATING EXPENSE	1,629,808	428,072	848,943	1,827,778	2,240,929	5,664,067
INCOME BEFORE DEPRECIATION	840,099	224,752	469,948	821,345	1,142,172	3,049,140
Less Depreciation	188,614	56,231	110,068	227,526	263,831	574,851
FARM OPERATING INCOME	651,485	168,521	359,880	593,819	878,342	2,474,289
Capital Account Adjustment	10,850	5,647	10,248	5,442	21,732	20,067
NET FARM INCOME (NFI)	662,334	174,168	370,128	599,261	900,073	2,494,356
Less Unpaid Family Labor	2,197	3,967	1,002	3,122	1,272	0
RETURNS TO OPERATOR LABOR						
CAPITAL, & MANAGEMENT	660,137	170,201	369,126	596,138	898,802	2,494,356
Less Unpaid Operator Labor	43,260	34,493	43,830	46,284	49,590	52,039
RETURNS TO EQUITY CAPITAL						
& MANAGEMENT	616,877	135,708	325,297	549,854	849,212	2,442,317
Less Equity Capital Charge	220,101	71,431	112,764	205,805	287,740	821,580
MANAGEMENT RETURNS	396,775	64,277	212,533	344,049	561,472	1,620,737
FINANCIAL EFFICIENCY RATIOS						
Operating Expense Ratio (%)	63.38%	62.60%	61.77%	66.27%	64.49%	62.04%
Depreciation Expense Ratio (%)	7.64%	8.61%	8.35%	8.59%	7.80%	6.60%
Interest Expense Ratio (%)	2.61%	2.97%	2.60%	2.72%	1.75%	2.97%
NFI from Operations Ratio (%)	26.38%	25.81%	27.29%	22.42%	25.96%	28.40%

Table M - Summary of Ohio Valley Grain Farms by Size & Management 2013				PRELIMINARY
Range in Size (Acres)	0-999	1000+	1000+	1000+
Management Returns	All	All	Lo 1/3	Hi 1/3
Number of Farms	13	31	10	10
Total Acres in Farm	767	2,964	2,931	2,974
Tillable Acres in Farm	652	2,806	2,702	2,906
Operator Tillable Acres	555	2,404	2,360	2,397
Percent Land Owned	28.8%	24.8%	26.3%	26.0%
Percent Land Crop Share	40.4%	41.3%	38.9%	47.2%
Percent Land Cash Rent	30.8%	33.9%	34.7%	26.8%
Months of Hired Labor	13.3	38.4	36.4	33.1
Months of Unpaid Labor	12.0	20.7	21.3	20.5
Total Months Labor	25.4	59.1	57.7	53.6
FARM RETURNS				
Total Cash Operating	403,843	2,158,954	2,170,678	2,018,061
Inventory Change	79,071	264,051	113,142	377,184
Accounts Receivable Change	761	(104,827)	(127,677)	(45,908)
Farm Products Used	0	0	0	0
Less Purchased Feed & Grain	4,364	76,648	36,855	100,096
Less Purchased Livestock	2,365	1,107	1,260	1,935
GROSS FARM RETURNS	476,945	2,240,423	2,118,028	2,247,306
FARM COSTS				
Total Cash Operating	321,269	1,556,408	1,662,471	1,351,846
Farm Products Used	0	0	0	0
Prepaid Expense Change	7,421	(5,914)	(2,451)	(46,748)
Accounts Payable Change	3,904	5,137	(1,799)	1,389
TOTAL OPERATING EXPENSE	332,594	1,555,632	1,658,222	1,306,487
INCOME BEFORE DEPRECIATION	144,351	684,792	459,807	940,820
Less Depreciation	36,917	245,522	282,201	200,685
FARM OPERATING INCOME	107,434	439,270	177,607	740,134
Capital Account Adjustment	3,361	13,448	8,039	11,129
NET FARM INCOME (NFI)	110,795	452,717	185,645	751,263
Less Unpaid Family Labor	0	0	0	0
RETURNS TO OPERATOR LABOR				
CAPITAL, & MANAGEMENT	110,795	452,717	185,645	751,263
Less Unpaid Operator Labor	33,166	56,966	58,682	56,478
RETURNS TO EQUITY CAPITAL				
& MANAGEMENT	77,629	395,751	126,964	694,785
Less Equity Capital Charge	46,486	198,753	222,999	187,788
MANAGEMENT RETURNS	31,144	196,999	(96,035)	506,998
FINANCIAL EFFICIENCY RATIOS				
Operating Expense Ratio (%)	65.78%	66.04%	74.76%	54.84%
Depreciation Expense Ratio (%)	7.74%	10.96%	13.32%	8.93%
Interest Expense Ratio (%)	3.95%	3.39%	3.53%	3.29%
NFI from Operations Ratio (%)	22.53%	19.61%	8.39%	32.93%

Table O - Summary of Purchase & Central Kentucky Grain Farms by Size 2013

PRELIMINARY									
	Kentucky	Kentucky	Kentucky	Purchase	Purchase	Purchase	Central Ky	Central Ky	Central Ky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-999	1000-1999	2000+	All	0-1499	1500+	All	0-1199	1200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	53	45	66	16	8	8	20	11	9
Total Acres in Farm	723	1,548	4,377	2,647	840	4,454	1,829	751	3,147
Tillable Acres in Farm	627	1,424	4,140	2,564	821	4,308	1,753	679	3,065
Operator Tillable Acres	576	1,294	3,745	2,342	773	3,912	1,657	659	2,877
Percent Land Owned	37.6%	23.8%	28.9%	30.8%	35.7%	29.9%	15.9%	25.6%	13.3%
Percent Land Crop Share	24.3%	28.8%	26.4%	24.5%	19.1%	25.6%	14.9%	7.9%	16.8%
Percent Land Cash Rent	38.1%	47.4%	44.7%	44.6%	45.2%	44.5%	69.2%	66.5%	69.9%
Months of Hired Labor	19.4	31.1	83.8	34.6	14.6	54.7	48.1	20.1	82.5
Months of Unpaid Labor	12.8	14.8	20.8	19.2	12.1	26.3	11.4	10.6	12.3
Total Months Labor	32.3	45.9	104.6	53.8	26.7	80.9	59.5	30.7	94.8
FARM RETURNS									
Total Cash Operating	569,549	1,214,823	3,762,376	1,870,916	723,407	3,018,425	1,456,032	623,368	2,473,731
Inventory Change	61,018	129,053	461,451	465,664	74,438	856,891	221,089	113,863	352,142
Accounts Receivable Change	(5,458)	(60,679)	(116,624)	3,653	(7,959)	15,265	(148,880)	(44,416)	(276,559)
Farm Products Used	0	0	0	0	0	0	0	0	0
Less Purchased Feed & Grain	10,626	27,584	157,380	92,344	11,678	173,010	58,662	28,792	95,169
Less Purchased Livestock	6,164	4,936	15,733	523	0	1,045	15,183	8,470	23,388
GROSS FARM RETURNS	608,319	1,250,678	3,934,090	2,247,367	778,208	3,716,526	1,454,395	655,553	2,430,757
FARM COSTS									
Total Cash Operating	403,908	852,300	2,748,453	1,358,336	557,955	2,158,718	1,045,989	452,480	1,771,389
Farm Products Used	0	0	0	0	0	0	0	0	0
Prepaid Expense Change	6,562	(9,871)	(132,083)	113,347	(4,452)	231,145	(41,222)	(6,451)	(83,720)
Accounts Payable Change	1,983	754	14,122	7,039	6,925	7,153	10,430	977	21,982
TOTAL OPERATING EXPENSE	412,453	843,182	2,630,492	1,478,722	560,428	2,397,015	1,015,197	447,007	1,709,651
INCOME BEFORE DEPRECIATION	195,866	407,496	1,303,599	768,645	217,779	1,319,511	439,198	208,547	721,106
Less Depreciation	53,941	107,456	331,729	211,820	84,908	338,731	113,233	51,864	188,239
FARM OPERATING INCOME	141,925	300,039	971,870	556,825	132,871	980,780	325,966	156,683	532,867
Capital Account Adjustment	5,765	5,949	14,614	(2,491)	9,340	(14,322)	10,282	5,868	15,677
NET FARM INCOME (NFI)	147,690	305,988	986,484	554,334	142,211	966,458	336,248	162,551	548,544
Less Unpaid Family Labor	1,923	490	2,254	3,788	0	7,576	1,378	250	2,755
RETURNS TO OPERATOR LABOR									
CAPITAL, & MANAGEMENT	145,767	305,498	984,230	550,546	142,211	958,882	334,870	162,300	545,789
Less Unpaid Operator Labor	33,398	40,284	55,058	49,073	33,404	64,743	30,030	29,053	31,223
RETURNS TO EQUITY CAPITAL									
& MANAGEMENT	112,369	265,214	929,171	501,473	108,807	894,139	304,841	133,247	514,565
Less Equity Capital Charge	62,453	100,767	337,442	184,742	65,573	303,911	95,284	53,985	145,759
MANAGEMENT RETURNS	49,916	164,447	591,730	316,731	43,234	590,228	209,557	79,262	368,806
FINANCIAL EFFICIENCY RATIOS									
Operating Expense Ratio (%)	64.54%	64.54%	64.04%	62.16%	67.52%	61.03%	67.44%	65.60%	68.04%
Depreciation Expense Ratio (%)	8.87%	8.59%	8.43%	9.43%	10.91%	9.11%	7.79%	7.91%	7.74%
Interest Expense Ratio (%)	3.27%	2.88%	2.83%	3.64%	4.50%	3.46%	2.37%	2.58%	2.29%
NFI from Operations Ratio (%)	23.33%	23.99%	24.70%	24.78%	17.07%	26.39%	22.41%	23.90%	21.92%

Table P - Summary of Purchase Area Farms by Size 2013

PRELIMINARY						
	Kentucky	Purchase	Kentucky	Purchase	Purchase	Purchase
			Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-1499	1500+
Management Returns	All	All	All	All	All	All
Number of Farms	196	18	164	16	8	8
Total Acres in Farm	2,157	2,436	2,420	2,647	840	4,454
Tillable Acres in Farm	1,972	2,350	2,259	2,564	821	4,308
Operator Tillable Acres	1,791	2,151	2,048	2,342	773	3,912
Percent Land Owned	29.6%	31.7%	28.8%	30.8%	35.7%	29.9%
Percent Land Crop Share	26.1%	24.1%	26.6%	24.5%	19.1%	25.6%
Percent Land Cash Rent	44.3%	44.2%	44.6%	44.6%	45.2%	44.5%
Months of Hired Labor	45.3	30.8	48.5	34.6	14.6	54.7
Months of Unpaid Labor	16.1	19.9	16.6	19.2	12.1	26.3
Total Months Labor	61.5	50.7	65.1	53.8	26.7	80.9
FARM RETURNS						
Total Cash Operating	1,854,378	1,722,116	2,031,524	1,870,916	723,407	3,018,425
Inventory Change	205,638	428,141	240,836	465,664	74,438	856,891
Accounts Receivable Change	(55,170)	2,614	(65,348)	3,653	(7,959)	15,265
Farm Products Used	0	0	0	0	0	0
Less Purchased Feed & Grain	114,042	94,067	74,339	92,344	11,678	173,010
Less Purchased Livestock	11,585	609	9,678	523	0	1,045
GROSS FARM RETURNS	1,879,218	2,058,196	2,122,996	2,247,367	778,208	3,716,526
FARM COSTS						
Total Cash Operating	1,305,521	1,251,462	1,470,479	1,358,336	557,955	2,158,718
Farm Products Used	0	0	0	0	0	0
Prepaid Expense Change	(44,833)	105,577	(53,744)	113,347	(4,452)	231,145
Accounts Payable Change	3,771	6,421	6,531	7,039	6,925	7,153
TOTAL OPERATING EXPENSE	1,264,459	1,363,460	1,423,266	1,478,722	560,428	2,397,015
INCOME BEFORE DEPRECIATION	614,759	694,736	699,730	768,645	217,779	1,319,511
Less Depreciation	158,737	194,044	180,417	211,820	84,908	338,731
FARM OPERATING INCOME	456,022	500,692	519,312	556,825	132,871	980,780
Capital Account Adjustment	7,970	(2,214)	9,376	(2,491)	9,340	(14,322)
NET FARM INCOME (NFI)	463,992	498,478	528,689	554,334	142,211	966,458
Less Unpaid Family Labor	1,687	6,122	1,663	3,788	0	7,576
RETURNS TO OPERATOR LABOR						
CAPITAL, & MANAGEMENT	462,305	492,355	527,026	550,546	142,211	958,882
Less Unpaid Operator Labor	42,695	48,672	44,004	49,073	33,404	64,743
RETURNS TO EQUITY CAPITAL						
& MANAGEMENT	419,610	443,684	483,021	501,473	108,807	894,139
Less Equity Capital Charge	166,897	172,239	183,632	184,742	65,573	303,911
MANAGEMENT RETURNS	252,713	271,445	299,389	316,731	43,234	590,228
FINANCIAL EFFICIENCY RATIOS						
Operating Expense Ratio (%)	64.38%	62.52%	64.16%	62.16%	67.52%	61.03%
Depreciation Expense Ratio (%)	8.45%	9.43%	8.50%	9.43%	10.91%	9.11%
Interest Expense Ratio (%)	2.91%	3.72%	2.88%	3.64%	4.50%	3.46%
NFI from Operations Ratio (%)	24.27%	24.33%	24.46%	24.78%	17.07%	26.39%

Table V - Dairy Cow Herds: Production, Returns, and Feed Costs - 2013

PRELIMINARY	KENTUCKY FARMS - PER COW			
	AVERAGE FARM	AVERAGE FARM	AVERAGE FARM	AVERAGE FARM
	All	0-99 Cows	100-199 Cows	200+ Cows
Range in Size (Cows)	All	0-99 Cows	100-199 Cows	200+ Cows
Number of Farms	30	6	11	13
Number of Cows in Herd	230	73	137	381
Pounds of Milk Produced	19,253	17,627	17,891	19,810
Pounds of Beef Produced	569	702	504	578
Milk Equivalents (M.E.)*	209	209	195	213
Value of Milk Sales	3,993	3,237	3,770	4,127
Value of Beef Sales	340	607	336	317
Patronage Returns	103	85	134	95
Total Returns	4,439	3,986	4,240	4,539
Value of Grain & Roughage Fed	1,139	1,419	1,248	1,081
Value of Supplement Fed	1,523	1,109	1,202	1,657
Total Value of Feed Fed	2,662	2,528	2,450	2,738
Returns above Feed Cost	1,777	1,458	1,790	1,801
Returns Above \$100 Feed Fed	167	158	173	166
Total Pounds of Feed Fed				
Grain	1,979	4,043	2,567	1,619
Supplement	2,049	1,683	1,868	2,137
Complete Feed	6,725	3,009	4,263	7,801
Total Concentrates	10,754	8,736	8,699	11,557
Hay & Dry Roughage	3,229	6,667	4,130	2,653
Corn Silage	23,754	23,115	23,903	23,765
Other Silage	2,995	1,493	3,239	3,053
Pasture Days	116	222	121	105
Hay Equivalents (Tons)	7.4	9.8	8.0	7.1
Cost / Cwt of Supplement	22.20	27.27	26.13	20.81
Cost / Cwt of Concentrates	17.14	18.54	18.42	16.75
Pasture Days / Animal Unit	63	103	66	58
Cows Dry %	15.6%	11.5%	12.3%	16.9%
Animal Units in Herd	422	156	251	691
Total Number of Calves Born	225	66	122	386
Calving Percent	97.8%	91.2%	88.9%	101.1%
Butterfat Percent	3.79%	3.70%	3.86%	3.78%
Pounds of Butterfat Per Cow	730	652	690	749
Protein Percent	3.60%	2.12%	0.86%	0.20%
Pounds of Protein Per Cow	694	538	717	949
Price Received Per Cwt Milk	20.74	18.36	21.07	20.83
Price Received Per Cwt Beef Mkt	96.92	101.99	103.36	93.83
Pound Beef Sold Mkt	29,875	21,641	16,259	45,196
Purchase Price Per Animal - Breeding	1,203	1,441	1,209	1,180
% Cull Rate - Breeding	31.1%	25.0%	29.9%	32.0%
Weight Per Breeding Animal Sold	1,238	1,412	1,192	1,239
Price Received per Cwt Beef-Breeding	68.16	65.53	68.00	68.41
Death Loss - Total Pounds	25,231	7,013	14,363	42,834
Death Loss - % Pounds Produced	19.3%	13.8%	20.8%	19.4%
Market Number	38	8	22	66
Breeding Number	17	5	10	28
Breeding Survival Rate %	95.9%	96.3%	96.0%	95.6%
Net Farm Income Per Cow	402.39	331.94	249.09	455.26
Management Returns Per Cow	93.74	(193.54)	(135.04)	188.64

* M.E. is value of beef produced divided by average price received per cwt. of milk sold plus cwt. of milk produced.

Table CO1 - Summary of Selected Pennyroyal Area Counties 2013

PRELIMINARY						
	Pennyroyal	Christian	Todd	Butler	Logan	Simpson
Range in Size (Acres)	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All
Number of Farms	103	31	18	9	8	8
Total Acres in Farm	2,237	2,513	1,850	2,614	2,534	3,052
Tillable Acres in Farm	2,033	2,383	1,692	2,222	2,338	2,952
Operator Tillable Acres	1,876	2,294	1,475	1,907	2,111	2,749
Percent Land Owned	32.9%	39.1%	26.3%	36.1%	29.6%	10.8%
Percent Land Crop Share	21.8%	12.0%	32.6%	49.9%	22.8%	17.3%
Percent Land Cash Rent	45.3%	48.9%	41.1%	14.0%	47.6%	71.9%
Months of Hired Labor	56.1	88.8	26.1	28.4	48.4	63.6
Months of Unpaid Labor	15.7	16.4	16.6	14.3	15.3	14.6
Total Months Labor	71.8	105.2	42.6	42.7	63.7	78.3
FARM RETURNS						
Total Cash Operating	2,172,400	2,659,739	1,678,843	1,911,434	2,769,725	2,994,303
Inventory Change	185,396	402,842	78,595	(83,152)	94,095	162,080
Accounts Receivable Change	(45,079)	(34,635)	(52,234)	(49,175)	(178,370)	(41,249)
Farm Products Used	0	0	0	0	0	0
Less Purchased Feed & Grain	140,701	61,355	73,875	296,189	235,220	73,242
Less Purchased Livestock	16,927	29,732	6,988	23,887	10,241	4,097
GROSS FARM RETURNS	2,155,089	2,936,858	1,624,341	1,459,031	2,439,990	3,037,795
FARM COSTS						
Total Cash Operating	1,522,157	2,040,734	970,642	1,167,113	1,621,374	2,529,226
Farm Products Used	0	0	0	0	0	0
Prepaid Expense Change	(95,313)	(222,477)	(7,239)	(131,843)	(68,676)	18,028
Accounts Payable Change	4,020	57,961	(3,458)	(8,117)	(529)	(106,345)
TOTAL OPERATING EXPENSE	1,430,864	1,876,217	959,944	1,027,153	1,552,169	2,440,909
INCOME BEFORE DEPRECIATION	724,226	1,060,641	664,396	431,879	887,822	596,886
Less Depreciation	164,395	197,827	125,472	170,969	183,072	235,541
FARM OPERATING INCOME	559,831	862,814	538,924	260,910	704,750	361,345
Capital Account Adjustment	9,085	9,779	10,651	4,912	3,160	12,450
NET FARM INCOME (NFI)	568,916	872,593	549,575	265,822	707,910	373,795
Less Unpaid Family Labor	1,792	2,222	4,286	0	0	2,066
RETURNS TO OPERATOR LABOR						
CAPITAL, & MANAGEMENT	567,124	870,371	545,290	265,822	707,910	371,729
Less Unpaid Operator Labor	41,485	42,925	41,325	39,488	42,014	38,226
RETURNS TO EQUITY CAPITAL						
& MANAGEMENT	525,638	827,446	503,965	226,334	665,897	333,504
Less Equity Capital Charge	194,450	250,092	165,049	202,071	223,788	123,684
MANAGEMENT RETURNS	331,188	577,355	338,915	24,263	442,108	209,819
FINANCIAL EFFICIENCY RATIOS						
Operating Expense Ratio (%)	63.71%	60.98%	58.34%	66.76%	62.05%	77.22%
Depreciation Expense Ratio (%)	7.63%	6.74%	7.72%	11.72%	7.50%	7.75%
Interest Expense Ratio (%)	2.68%	2.91%	0.76%	3.64%	1.56%	3.13%
NFI from Operations Ratio (%)	25.98%	29.38%	33.18%	17.88%	28.88%	11.89%

Table CO7 - Summary of Selected Ohio Valley Area Counties 2013

PRELIMINARY	Ohio Valley	Daviess	Henderson	Union	Webster
Range in Size (Acres)	All	All	All	All	All
Management Returns	All	All	All	All	All
Number of Farms	44	11	9	8	9
Total Acres in Farm	2,315	2,418	3,028	2,817	1,633
Tillable Acres in Farm	2,170	2,410	2,818	2,468	1,520
Operator Tillable Acres	1,858	1,969	2,395	2,297	1,276
Percent Land Owned	25.2%	34.3%	12.2%	26.4%	28.7%
Percent Land Crop Share	41.2%	53.4%	40.4%	19.0%	43.4%
Percent Land Cash Rent	33.6%	12.3%	47.4%	54.6%	27.9%
Months of Hired Labor	31.0	46.5	35.2	25.3	14.2
Months of Unpaid Labor	18.1	23.0	17.1	20.5	14.8
Total Months Labor	49.1	69.5	52.4	45.8	29.0
FARM RETURNS					
Total Cash Operating	1,640,399	2,095,555	1,945,113	1,820,914	985,108
Inventory Change	209,398	119,397	456,647	228,636	187,649
Accounts Receivable Change	(73,631)	(18,271)	(184,568)	(150,341)	(19,437)
Farm Products Used	0	0	0	0	0
Less Purchased Feed & Grain	55,291	79,001	61,640	39,451	58,963
Less Purchased Livestock	1,479	68	133	4,825	2,372
GROSS FARM RETURNS	1,719,396	2,117,612	2,155,419	1,854,933	1,091,985
FARM COSTS					
Total Cash Operating	1,191,481	1,427,630	1,462,983	1,383,146	700,006
Farm Products Used	0	0	0	0	0
Prepaid Expense Change	(1,974)	28,287	(12,123)	2,440	7,281
Accounts Payable Change	4,773	474	9,981	20,566	(6,817)
TOTAL OPERATING EXPENSE	1,194,280	1,456,390	1,460,842	1,406,152	700,470
INCOME BEFORE DEPRECIATION	525,116	661,222	694,578	448,781	391,515
Less Depreciation	183,889	203,696	206,111	281,506	91,112
FARM OPERATING INCOME	341,227	457,526	488,467	167,274	300,403
Capital Account Adjustment	10,468	9,102	17,366	19,871	2,896
NET FARM INCOME (NFI)	351,695	466,628	505,833	187,145	303,298
Less Unpaid Family Labor	0	0	0	0	0
RETURNS TO OPERATOR LABOR					
CAPITAL, & MANAGEMENT	351,695	466,628	505,833	187,145	303,298
Less Unpaid Operator Labor	49,934	63,365	47,141	56,478	40,713
RETURNS TO EQUITY CAPITAL					
& MANAGEMENT	301,761	403,263	458,692	130,667	262,586
Less Equity Capital Charge	153,765	173,181	153,260	208,724	111,089
MANAGEMENT RETURNS	147,996	230,082	305,432	(78,056)	151,497
FINANCIAL EFFICIENCY RATIOS					
Operating Expense Ratio (%)	66.02%	64.29%	66.11%	71.89%	60.60%
Depreciation Expense Ratio (%)	10.69%	9.62%	9.56%	15.18%	8.34%
Interest Expense Ratio (%)	3.44%	4.48%	1.67%	3.92%	3.55%
NFI from Operations Ratio (%)	19.85%	21.61%	22.66%	9.02%	27.51%

Table AA.1 - Economic Management Analysis per Operator Acre: All Farms by Association - 2013

PRELIMINARY							
	Kentucky	Purchase	Pennyroyal	Ohio Valley	Central KY	Lincoln Trail	Bluegrass
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All	All
Number of Farms	196	18	103	44	31	26	10
Total Acres in Farm	2,157	2,436	2,237	2,315	1,507	1,658	2,127
Tillable Acres in Farm	1,972	2,350	2,033	2,170	1,272	1,413	2,021
Operator Tillable Acres	1,791	2,151	1,876	1,858	1,204	1,339	1,863
Percent Land Owned	29.6%	31.7%	32.9%	25.2%	20.8%	21.4%	16.0%
Percent Land Crop Share	26.1%	24.1%	21.8%	41.2%	14.3%	14.3%	20.0%
Percent Land Cash Rent	44.3%	44.2%	45.3%	33.6%	64.9%	64.4%	64.0%
Months of Hired Labor	45.3	30.8	56.1	31.0	38.5	42.4	75.8
Months of Unpaid Labor	16.1	19.9	15.7	18.1	12.4	12.4	14.2
Total Months Labor	61.5	50.7	71.8	49.1	50.9	54.8	90.0
FARM RETURNS							
Crop Returns	894.50	876.00	952.25	853.82	703.77	698.56	683.04
Livestock Return Above Feed	38.29	31.92	44.19	17.36	60.16	58.53	34.35
Custom Work	10.41	22.38	9.10	6.57	13.15	12.02	13.12
Other Farm Receipts	22.88	15.47	30.79	3.80	31.43	30.98	22.14
Tobacco Returns	56.29	3.76	72.11	26.97	93.02	90.41	155.59
GROSS FARM RETURNS	1,022.36	949.52	1,108.44	908.52	901.54	890.49	908.23
FARM COSTS							
Soil Fertility	135.26	120.68	141.12	145.17	98.38	98.35	99.93
Pesticides	61.05	65.71	61.95	62.32	48.78	49.29	43.08
Seed	84.03	85.22	83.07	91.81	70.72	70.07	63.06
Crop Total	280.34	271.61	286.14	299.30	217.89	217.70	206.08
Utilities	10.97	10.40	12.62	7.01	11.67	11.23	12.21
Machine Repairs	38.45	34.62	39.68	37.36	38.39	35.93	37.57
Machine Hire & Lease	27.83	42.34	31.09	17.05	19.53	18.92	15.08
Fuel & Oil	39.22	34.33	42.85	34.50	35.85	35.07	32.78
Light Vehicle	0.07	0.04	0.01	0.07	0.39	0.02	0.74
Machine Depreciation	66.88	72.64	65.58	71.88	56.69	56.71	52.33
Power & Equip. Total	183.42	194.38	191.84	167.87	162.52	157.87	150.71
Drying	7.82	10.50	8.51	5.63	6.24	5.71	6.49
Storage	0.82	2.06	0.77	0.38	0.75	0.79	1.00
Building Repair & Rent	10.62	6.68	10.51	11.07	14.26	13.82	18.44
Building Depreciation	15.19	11.44	16.32	16.38	10.63	9.99	7.27
Building Total	34.45	30.69	36.11	33.46	31.88	30.31	33.20
Labor, Unpaid	22.50	23.70	21.10	23.02	27.36	24.79	20.20
Labor, Paid	63.34	41.35	75.27	37.32	81.34	78.20	97.22
Labor Total	85.84	65.05	96.37	60.34	108.70	103.00	117.42
Vet, Med, Livestock Supply	6.63	4.20	9.28	0.69	8.48	8.00	6.14
Insurance	33.86	37.06	33.96	30.17	38.12	38.19	47.31
Miscellaneous	11.29	12.35	11.20	8.76	16.20	16.86	15.21
Interest Charge - Nonland	60.06	51.08	63.55	59.55	52.47	52.00	45.98
Other Costs Total	111.85	104.69	117.99	99.17	115.27	115.04	114.64
Land Charge Total	189.82	155.91	208.33	174.34	163.06	165.12	132.88
TOTAL NON-FEED COSTS	885.71	822.32	936.77	834.48	799.31	789.04	754.93
Gain/loss Capital Sales	4.45	-1.03	4.84	5.64	5.51	5.10	2.26
MANAGEMENT RETURNS	141.10	126.17	176.51	79.68	107.74	106.56	155.56

Table AA.2 - Economic Management Analysis per Operator Acre: All Farms by Association - 2013								
	Kentucky	Purchase	Pennyroyal	Ohio Valley	Central KY	Lincoln Trail	Bluegrass	
Range in Size (Acres)	All	All	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	196	18	103	44	31	26	26	10
Crop Yields								
Yellow Corn	189	193	188	188	193	193	193	189
Full Season Soybeans	54	48	54	55	56	56	56	57
Wheat	81	84	80	83	78	79	79	84
Double Crop Soybeans	51	49	52	47	43	44	44	30
Milo	119		119					
White Corn	189		190	150				
Barley	84	106	84		64	64		
Tobacco - Burley	2,072	2,143	2,156	2,560	1,747	1,702		1,628
Tobacco - Dark Air Cured	2,557	838	2,510	2,955				
Tobacco - Dark Fire Cured	2,834	2,394	2,841					
Total Acres Planted-Selected Crops								
Yellow Corn	911	978	917	1,093	558	613		843
Full Season Soybeans	525	683	309	817	601	668		959
Wheat	621	637	808	330	207	224		161
Double Crop Soybeans	658	647	866	321	198	231		133
Milo	126		126					
White Corn	857		927	156				
Barley	213	65	239		91	91		
Tobacco - Burley	48	7	34	50	109	118		165
Tobacco - Dark Air Cured	14	2	16	9				
Tobacco - Dark Fire Cured	41	17	42					
Forages	470	552	578	86	252	238		262
Land Use %								
Yellow Corn	43.7%	42.9%	40.8%	51.0%	42.7%	44.0%		43.0%
Full Season Soybeans	21.9%	26.5%	11.5%	37.3%	37.5%	37.5%		43.4%
Wheat	23.6%	26.3%	31.6%	10.0%	10.0%	10.5%		3.6%
Double Crop Soybeans	24.5%	26.7%	33.4%	10.1%	7.9%	7.9%		4.5%
Milo	0.1%		0.1%					
White Corn	2.5%		4.5%	0.2%				
Barley	1.0%	0.2%	1.8%		0.5%	0.6%		
Tobacco - Burley	0.6%	0.0%	0.5%	0.4%	2.2%	2.2%		3.7%
Tobacco - Dark Air Cured	0.1%	0.0%	0.2%	0.1%				
Tobacco - Dark Fire Cured	0.3%	0.0%	0.5%					
Forages	6.1%	4.0%	8.6%	1.1%	7.1%	5.3%		6.3%
Crop Value Per Acre								
Yellow Corn	867	881	884	845	819	818		783
Full Season Soybeans	703	590	692	727	749	752		765
Wheat	555	580	555	572	461	468		475
Double Crop Soybeans	663	628	677	623	605	625		372
Milo	498		498					
White Corn	1,009		1,014	737				
Barley	353	419	358		245	245		
Tobacco - Burley	4,622	4,436	4,460	5,261	4,533	4,439		4,398
Tobacco - Dark Air Cured	5,952	2,003	5,817	7,047				
Tobacco - Dark Fire Cured	7,449	6,505	7,465					
Price Received - Old Crop								
Yellow Corn	6.91	6.96	6.87	6.90	7.16	7.15		7.38
Soybeans	14.57	13.66	14.70	14.53	14.90	14.91		15.15
Wheat	7.91	8.26	7.91	7.21	7.99	8.01		7.97
White Corn	7.22		7.22					
Barley	4.24		4.24					
Tobacco - Burley	2.05		2.08	2.00	2.02	2.02		2.02
Tobacco - Dark Air Cured	2.21	2.24	2.21	2.31				
Tobacco - Dark Fire Cured	2.49	2.63	2.48					
Price Received - New Crop								
Yellow Corn	4.81	4.91	4.87	4.65	4.75	4.82		4.52
Soybeans	12.81	12.68	12.77	12.85	12.85	12.86		12.80
Wheat	6.88	6.86	6.95	6.94	5.83	5.84		5.62
Milo	4.19		4.19					
White Corn	6.12		6.12					
Barley	4.25		4.25					
Tobacco - Burley	2.08		2.06	2.05	2.11	2.11		2.08
Tobacco - Dark Air Cured	2.31		2.30	2.38				
Tobacco - Dark Fire Cured	2.61	2.68	2.61					

Table BB.1 - Economic Management Analysis per Operator Acre:				
All Farms by Type - 2013				PRELIMINARY
	All Farms	Grain Farms	Beef Farms	Dairy Farms
Range in Size (Acres)	All	All	All	All
Management Returns	All	All	All	All
Number of Farms	196	164	13	14
Total Acres in Farm	2,157	2,420	696	669
Tillable Acres in Farm	1,972	2,259	397	518
Operator Tillable Acres	1,791	2,048	349	512
Percent Land Owned	29.6%	28.8%	40.5%	56.0%
Percent Land Crop Share	26.1%	26.6%	27.4%	3.2%
Percent Land Cash Rent	44.3%	44.6%	32.0%	40.8%
Months of Hired Labor	45.3	48.5	10.5	46.9
Months of Unpaid Labor	16.1	16.6	10.3	17.5
Total Months Labor	61.5	65.1	20.8	64.4
FARM RETURNS				
Crop Returns	894.50	908.82	347.29	747.80
Livestock Return Above Feed	38.29	12.52	233.59	1,022.65
Custom Work	10.41	10.33	14.39	16.17
Other Farm Receipts	22.88	19.63	30.52	136.06
Tobacco Returns	56.29	57.47	87.43	7.71
GROSS FARM RETURNS	1,022.36	1,008.77	713.21	1,930.38
FARM COSTS				
Soil Fertility	135.26	137.31	74.56	110.06
Pesticides	61.05	62.38	16.42	34.46
Seed	84.03	85.37	30.61	72.81
Crop Total	280.34	285.06	121.59	217.33
Utilities	10.97	9.18	19.56	83.12
Machine Repairs	38.45	37.17	41.61	102.86
Machine Hire & Lease	27.83	23.30	44.05	226.85
Fuel & Oil	39.22	38.09	44.46	93.21
Light Vehicle	0.07	0.07	0.19	0.00
Machine Depreciation	66.88	66.44	57.50	101.10
Power & Equip. Total	183.42	174.25	207.37	607.14
Drying	7.82	8.09	0.36	2.27
Storage	0.82	0.74	0.64	4.90
Building Repair & Rent	10.62	10.04	8.13	28.98
Building Depreciation	15.19	14.90	12.40	33.23
Building Total	34.45	33.78	21.53	69.38
Labor, Unpaid	22.50	20.00	80.34	93.58
Labor, Paid	63.34	58.94	65.75	239.10
Labor Total	85.84	78.94	146.09	332.67
Vet, Med, Livestock Supply	6.63	1.49	37.65	222.57
Insurance	33.86	34.17	23.55	35.55
Miscellaneous	11.29	11.15	7.60	22.95
Interest Charge - Nonland	60.06	58.05	57.49	153.81
Other Costs Total	111.85	104.87	126.31	434.88
Land Charge Total	189.82	190.29	138.68	182.19
TOTAL NON-FEED COSTS	885.71	867.18	761.57	1,843.60
Gain/loss Capital Sales	4.45	4.58	-0.13	3.49
MANAGEMENT RETURNS	141.10	146.17	(48.49)	90.27

Table BB.2 - Economic Management Analysis per Operator Acre:				
All Farms by Type - 2013				
	All Farms	Grain Farms	Beef Farms	Dairy Farms
Range in Size (Acres)	All	All	All	All
Management Returns	All	All	All	All
Number of Farms	196	164	13	14
Crop Yields				
Yellow Corn	189	189	160	179
Full Season Soybeans	54	54	35	55
Wheat	81	81	72	73
Double Crop Soybeans	51	51	46	47
Milo	119	119		
White Corn	189	189		
Barley	84	86		62
Tobacco - Burley	2,072	2,051	2,764	2,106
Tobacco - Dark Air Cured	2,557	2,555	2,491	2,783
Tobacco - Dark Fire Cured	2,834	2,835	2,602	
Total Acres Planted-Selected Crops				
Yellow Corn	911	1,015	65	117
Full Season Soybeans	525	554	73	93
Wheat	621	665	149	106
Double Crop Soybeans	658	701	146	140
Milo	126	126		
White Corn	857	857		
Barley	213	230		127
Tobacco - Burley	48	50	30	9
Tobacco - Dark Air Cured	14	15	6	6
Tobacco - Dark Fire Cured	41	43	3	
Forages	470	377	339	490
Land Use %				
Yellow Corn	43.7%	44.9%	8.6%	13.0%
Full Season Soybeans	21.9%	22.6%	5.5%	4.6%
Wheat	23.6%	24.2%	8.5%	5.3%
Double Crop Soybeans	24.5%	25.1%	8.3%	6.9%
Milo	0.1%	0.1%		
White Corn	2.5%	2.7%		
Barley	1.0%	1.0%		3.1%
Tobacco - Burley	0.6%	0.6%	1.1%	0.1%
Tobacco - Dark Air Cured	0.1%	0.1%	0.1%	0.1%
Tobacco - Dark Fire Cured	0.3%	0.3%	0.1%	
Forages	6.1%	3.6%	76.0%	73.8%
Crop Value Per Acre				
Yellow Corn	867	870	676	769
Full Season Soybeans	703	704	437	746
Wheat	555	556	493	485
Double Crop Soybeans	663	666	584	576
Milo	498	498		
White Corn	1,009	1,009		
Barley	353	365		255
Tobacco - Burley	4,622	4,594	5,661	3,274
Tobacco - Dark Air Cured	5,952	5,943	6,069	6,481
Tobacco - Dark Fire Cured	7,449	7,451	7,010	
Price Received - Old Crop				
Yellow Corn	6.91	6.91	7.63	3.87
Soybeans	14.57	14.57	13.65	14.48
Wheat	7.91	7.91		
White Corn	7.22	7.22		
Barley	4.24	4.24		
Tobacco - Burley	2.05	2.05	2.03	2.04
Tobacco - Dark Air Cured	2.21	2.21	2.12	
Tobacco - Dark Fire Cured	2.49	2.49	2.45	
Price Received - New Crop				
Yellow Corn	4.81	4.82	3.85	4.13
Soybeans	12.81	12.81	12.64	12.85
Wheat	6.88	6.88	6.92	6.67
Milo	4.19	4.19		
White Corn	6.12	6.12		
Barley	4.25	4.25		
Tobacco - Burley	2.08	2.07	2.10	2.10
Tobacco - Dark Air Cured	2.31	2.31		2.27
Tobacco - Dark Fire Cured	2.61	2.61		

Table CC.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Size & Management - 2013									PRELIMINARY
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	53	17	17	45	15	15	66	22	22
Total Acres in Farm	723	705	740	1,548	1,572	1,479	4,377	3,893	4,854
Tillable Acres in Farm	627	552	697	1,424	1,404	1,375	4,140	3,672	4,644
Operator Tillable Acres	576	533	617	1,294	1,286	1,205	3,745	3,235	4,239
Percent Land Owned	37.6%	39.6%	27.6%	23.8%	28.5%	22.6%	28.9%	20.6%	34.8%
Percent Land Crop Share	24.3%	11.2%	34.4%	28.8%	28.3%	38.6%	26.4%	35.0%	22.5%
Percent Land Cash Rent	38.1%	49.1%	38.0%	47.4%	43.1%	38.8%	44.7%	44.3%	42.7%
Months of Hired Labor	19.4	17.0	20.2	31.1	37.6	29.4	83.8	60.4	81.3
Months of Unpaid Labor	12.8	10.0	14.0	14.8	17.2	14.4	20.8	18.7	20.3
Total Months Labor	32.3	27.0	34.1	45.9	54.8	43.8	104.6	79.1	101.5
FARM RETURNS									
Crop Returns	830.06	684.02	958.64	835.82	756.84	946.00	935.74	843.42	995.82
Livestock Return Above Feed	33.34	-0.60	16.56	18.41	10.11	34.17	8.56	10.30	5.35
Custom Work	12.85	7.80	11.31	5.68	8.05	3.36	11.11	11.16	8.84
Other Farm Receipts	20.04	12.67	27.37	17.96	13.36	30.12	19.97	15.74	23.68
Tobacco Returns	157.39	125.71	186.83	71.50	107.60	84.58	41.82	14.69	37.87
GROSS FARM RETURNS	1,053.68	829.59	1,200.71	949.37	895.96	1,098.23	1,017.21	895.32	1,071.56
FARM COSTS									
Soil Fertility	135.01	134.91	132.41	140.81	152.69	132.30	136.77	152.50	131.28
Pesticides	61.84	56.15	59.80	60.74	64.32	50.57	62.83	68.43	54.54
Seed	82.37	76.17	83.66	85.48	84.84	85.94	85.72	90.68	82.66
Crop Total	279.22	267.23	275.87	287.03	301.85	268.81	285.32	311.61	268.48
Utilities	16.67	12.33	11.71	9.63	10.79	9.14	8.15	6.65	7.54
Machine Repairs	57.29	63.75	50.25	39.57	50.23	32.34	34.12	39.76	26.15
Machine Hire & Lease	36.70	25.92	29.91	20.06	23.05	17.48	22.41	25.43	17.57
Fuel & Oil	39.13	43.89	38.94	35.69	41.89	32.14	38.53	38.13	36.25
Light Vehicle	0.23	0.12	0.50	0.22	0.00	0.04	0.01	0.00	0.01
Machine Depreciation	71.29	75.19	67.37	63.87	75.40	67.78	66.45	74.59	56.70
Power & Equip. Total	221.33	221.20	198.69	169.04	201.37	158.92	169.66	184.56	144.22
Drying	4.73	4.60	4.50	5.57	6.90	5.73	9.09	9.87	8.79
Storage	0.53	1.35	0.36	0.99	0.48	2.15	0.71	0.12	0.47
Building Repair & Rent	14.58	15.23	13.69	8.12	9.97	7.57	9.94	8.60	8.33
Building Depreciation	16.65	17.03	10.12	12.25	15.05	13.10	15.31	16.26	13.95
Building Total	36.49	38.20	28.67	26.93	32.40	28.56	35.06	34.85	31.54
Labor, Unpaid	56.73	49.13	56.71	28.16	33.45	28.11	13.53	13.80	11.70
Labor, Paid	81.22	74.19	74.64	53.42	67.27	52.88	57.49	46.15	50.31
Labor Total	137.94	123.33	131.35	81.59	100.71	81.00	71.02	59.95	62.00
Vet, Med, Livestock Supply	2.90	2.05	0.90	1.16	1.65	1.49	1.39	1.24	1.92
Insurance	39.76	40.59	40.75	30.96	36.24	30.61	34.24	38.02	30.16
Miscellaneous	12.90	11.36	13.77	9.18	10.44	8.64	11.40	8.84	11.91
Interest Charge - Nonland	60.55	57.32	60.01	54.62	58.14	59.59	58.55	60.44	54.59
Other Costs Total	116.11	111.31	115.44	95.92	106.46	100.32	105.58	108.54	98.59
Land Charge Total	185.98	180.40	196.91	166.35	165.10	167.83	196.46	209.02	190.51
TOTAL NON-FEED COSTS	977.07	941.66	946.91	826.86	907.89	805.44	863.09	908.53	795.34
Gain/loss Capital Sales	10.00	3.73	8.95	4.60	1.87	5.79	3.90	5.96	3.39
MANAGEMENT RETURNS	86.62	(108.34)	262.75	127.11	(10.06)	298.58	158.02	(7.25)	279.61

Table CC.2 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Size & Management - 2013

	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	53	17	17	45	15	15	66	22	22
Crop Yields									
Yellow Corn	181	164	193	186	175	192	191	184	196
Full Season Soybeans	48	43	49	55	54	56	54	54	57
Wheat	79	72	84	79	75	82	82	73	84
Double Crop Soybeans	51	49	53	49	48	52	51	44	55
Milo							119	134	105
White Corn	160	155		180	184	178	192	181	192
Barley	95		100	93			85	88	80
Tobacco - Burley	2,450	1,752	2,657	2,293	2,204	2,487	1,767	1,432	1,649
Tobacco - Dark Air Cured	2,719	563	3,059	2,619	2,468	2,883	2,496	1,664	2,531
Tobacco - Dark Fire Cured	2,774	2,096	3,942	2,667	2,387	2,875	2,920	2,234	3,133
Total Acres Planted-Selected Crops									
Yellow Corn	276	228	331	617	619	622	1,855	1,747	2,053
Full Season Soybeans	210	204	211	366	381	245	903	1,021	795
Wheat	195	155	245	368	294	420	1,171	856	1,409
Double Crop Soybeans	195	138	249	393	312	461	1,231	960	1,498
Milo							126	134	118
White Corn	169	152		403	368	145	1,541	946	1,592
Barley	85		55	118			279	303	279
Tobacco - Burley	34	23	44	35	44	36	82	38	287
Tobacco - Dark Air Cured	8	4	7	8	10	10	24	14	51
Tobacco - Dark Fire Cured	53	71	77	20	19	25	61	27	24
Forages	221	181	44	586	299	547	355	376	278
Land Use %									
Yellow Corn	41.1%	37.3%	44.9%	43.5%	44.2%	46.6%	45.7%	46.8%	48.1%
Full Season Soybeans	24.9%	26.8%	21.4%	25.8%	27.2%	17.2%	21.6%	26.1%	17.8%
Wheat	22.5%	17.0%	29.1%	20.7%	16.8%	27.3%	25.3%	18.6%	28.5%
Double Crop Soybeans	23.1%	15.1%	29.5%	20.1%	16.3%	27.7%	26.5%	20.8%	30.3%
Milo							0.1%	0.2%	0.1%
White Corn	1.5%	3.3%		1.9%	1.8%	0.7%	3.0%	2.4%	1.7%
Barley	0.8%		0.5%	0.2%			1.2%	1.5%	1.8%
Tobacco - Burley	1.5%	1.0%	1.5%	0.7%	1.5%	0.7%	0.4%	0.2%	0.6%
Tobacco - Dark Air Cured	0.2%	0.0%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%
Tobacco - Dark Fire Cured	0.8%	1.5%	0.7%	0.3%	0.4%	0.4%	0.2%	0.1%	0.1%
Forages	6.7%	13.1%	1.9%	6.7%	8.1%	6.9%	2.4%	4.0%	1.2%
Crop Value Per Acre									
Yellow Corn	801	705	868	822	759	871	889	837	942
Full Season Soybeans	646	605	652	724	716	750	706	695	774
Wheat	514	465	551	511	458	549	570	500	613
Double Crop Soybeans	659	619	687	632	612	682	672	583	722
Milo							498	470	525
White Corn	818	809		880	822	1,102	1,041	917	1,045
Barley	397		424	389			361	361	350
Tobacco - Burley	5,164	3,675	5,477	4,819	4,590	5,328	4,241	2,967	4,481
Tobacco - Dark Air Cured	6,754	2,245	8,680	6,347	5,767	6,947	5,619	3,406	5,850
Tobacco - Dark Fire Cured	7,409	5,637	10,643	6,984	6,301	7,367	7,628	5,692	7,607
Price Received - Old Crop									
Yellow Corn	6.97	7.33	6.83	6.99	7.01	6.87	6.89	6.76	7.06
Soybeans	14.64	15.03	14.28	14.52	14.26	14.74	14.58	14.70	14.84
Wheat	7.75		7.77	7.71	7.17	7.41	7.95	7.82	7.70
White Corn	6.96			8.07			7.11	7.97	7.31
Barley							4.24	4.25	4.22
Tobacco - Burley	2.03	2.00	2.18	2.19	2.11	2.28	2.04	1.98	2.13
Tobacco - Dark Air Cured	2.17		2.34	2.33	1.92	2.38	2.18	2.31	1.17
Tobacco - Dark Fire Cured	2.50	2.04	2.59	2.51	2.57	2.49	2.48	2.23	
Price Received - New Crop									
Yellow Corn	4.64	4.56	4.64	4.51	4.32	4.80	4.90	4.75	5.12
Soybeans	13.14	13.43	13.27	12.51	12.64	12.71	12.86	13.00	12.52
Wheat	6.89	6.69	7.19	6.49	6.43	6.86	6.97	6.98	7.02
Milo							4.19	3.51	5.02
White Corn	5.85	5.18		4.79	4.49		6.90	5.22	8.13
Barley	4.15		4.25	4.16			4.26	4.19	4.33
Tobacco - Burley	2.07	2.06	2.06	2.09	2.06	2.16	2.07	2.10	2.07
Tobacco - Dark Air Cured	2.35	2.35	2.39	2.33	2.37	2.28	2.30	0.93	2.32
Tobacco - Dark Fire Cured	2.67	2.70	2.69	2.64	2.66	2.61	2.55	2.63	2.48

Table DD.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Size - 2013									PRELIMINARY
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-400	401-800	801-1200	1201-1600	1601-2000	2001-2400	2401-2800	2801-3200	3200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	8	30	29	17	14	9	8	8	41
Total Acres in Farm	283	714	1,093	1,539	1,889	2,300	2,735	2,966	5,428
Tillable Acres in Farm	209	600	997	1,402	1,779	2,169	2,618	2,932	5,105
Operator Tillable Acres	198	560	898	1,247	1,654	1,938	2,277	2,694	4,633
Percent Land Owned	30.9%	36.5%	31.4%	29.6%	18.2%	22.9%	18.7%	30.0%	30.3%
Percent Land Crop Share	15.9%	19.8%	30.1%	34.5%	23.3%	34.2%	42.4%	24.0%	24.4%
Percent Land Cash Rent	53.1%	43.7%	38.5%	35.9%	58.4%	42.9%	39.0%	46.0%	45.3%
Months of Hired Labor	37.2	13.1	20.7	33.6	40.5	98.4	81.7	40.0	89.5
Months of Unpaid Labor	12.3	12.0	13.9	16.2	15.0	17.7	16.0	20.1	22.6
Total Months Labor	49.4	25.0	34.6	49.9	55.5	116.1	97.7	60.1	112.1
FARM RETURNS									
Crop Returns	747.74	763.49	869.86	850.10	835.37	864.16	875.19	992.89	941.64
Livestock Return Above Feed	10.92	17.80	31.37	44.22	0.85	4.47	11.77	11.04	8.34
Custom Work	8.55	18.61	5.02	5.33	6.63	8.82	9.60	9.85	11.61
Other Farm Receipts	54.36	14.01	23.41	18.47	14.48	17.96	16.52	20.36	20.45
Tobacco Returns	1,071.23	87.76	80.26	94.34	73.73	176.69	87.43	2.79	29.50
GROSS FARM RETURNS	1,892.80	901.66	1,009.92	1,012.46	931.07	1,072.09	1,000.51	1,036.92	1,011.53
FARM COSTS									
Soil Fertility	186.67	126.92	134.03	145.12	143.75	140.28	158.19	129.72	135.19
Pesticides	89.87	52.21	61.23	62.14	64.55	59.34	69.91	71.01	61.55
Seed	104.56	70.48	82.56	87.30	92.56	84.27	88.45	100.32	83.94
Crop Total	381.10	249.62	277.82	294.56	300.86	283.88	316.56	301.05	280.67
Utilities	30.71	12.45	14.68	9.72	9.66	12.31	8.40	9.42	7.59
Machine Repairs	116.29	59.17	43.99	39.37	38.70	51.06	38.91	36.17	31.87
Machine Hire & Lease	58.63	21.66	35.69	24.49	16.59	14.42	15.19	22.48	23.83
Fuel & Oil	64.68	38.70	32.39	36.68	38.86	46.85	35.54	50.22	36.73
Light Vehicle	0.00	0.38	0.45	0.09	0.00	0.00	0.00	0.00	0.01
Machine Depreciation	125.26	58.82	70.11	69.58	60.87	76.45	67.73	65.91	65.47
Power & Equip. Total	395.57	191.18	197.30	179.93	164.69	201.10	165.76	184.21	165.49
Drying	9.44	5.37	3.85	5.90	5.96	10.44	9.29	4.61	9.46
Storage	1.46	0.55	1.59	0.20	0.71	0.65	0.18	1.13	0.72
Building Repair & Rent	41.62	11.21	13.78	8.20	5.65	10.35	5.94	6.10	10.72
Building Depreciation	57.59	8.76	16.71	16.76	8.35	26.85	14.45	11.50	14.77
Building Total	110.10	25.91	35.93	31.06	20.67	48.29	29.86	23.34	35.67
Labor, Unpaid	162.82	54.94	38.00	31.60	23.00	22.45	16.94	19.27	11.73
Labor, Paid	419.03	62.45	50.17	56.77	59.07	118.95	81.15	39.12	51.66
Labor Total	581.85	117.39	88.17	88.37	82.08	141.40	98.09	58.39	63.39
Vet, Med, Livestock Supply	1.33	3.41	1.81	1.13	1.11	1.92	1.36	3.36	1.12
Insurance	106.25	30.74	35.32	27.99	35.37	49.51	40.69	30.89	32.60
Miscellaneous	43.06	9.75	11.84	7.80	9.65	10.54	7.37	13.21	11.66
Interest Charge - Nonland	109.84	49.35	60.61	61.99	48.99	71.71	64.82	56.17	57.02
Other Costs Total	260.48	93.24	109.58	98.91	95.12	133.67	114.25	103.63	102.39
Land Charge Total	345.34	32.65	21.05	25.85	23.67	31.42	30.09	25.43	2.89
TOTAL NON-FEED COSTS	2,074.44	709.98	729.84	718.69	687.09	839.77	754.61	696.04	650.51
Gain/loss Capital Sales	-0.56	7.69	8.52	5.81	4.32	2.99	3.91	2.83	4.11
MANAGEMENT RETURNS	(182.20)	199.37	288.60	299.58	248.30	235.31	249.81	343.72	365.13

Table DD.2 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Size - 2013									
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-400	401-800	801-1200	1201-1600	1601-2000	2001-2400	2401-2800	2801-3200	3200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	8	30	29	17	14	9	8	8	41
Crop Yields									
Yellow Corn	183	172	187	194	179	185	191	194	191
Full Season Soybeans	46	48	54	55	55	52	55	56	54
Wheat	80	76	79	81	80	80	75	85	82
Double Crop Soybeans	56	50	50	50	48	47	47	49	52
Milo								105	134
White Corn	161	168	150	184	178	248		177	194
Barley			95		93	110	107	106	80
Tobacco - Burley	2,271	2,414	2,451	2,394	2,205	1,665	2,136	1,319	1,727
Tobacco - Dark Air Cured	2,335	3,900	2,820	2,382	2,793	2,794	2,478	1,453	2,404
Tobacco - Dark Fire Cured	2,311	1,577	3,662	2,736	2,668	3,086	2,899	0	2,913
Total Acres Planted-Selected Crops									
Yellow Corn	69	243	424	622	799	902	1,123	1,425	2,292
Full Season Soybeans	19	225	262	369	443	504	729	575	1,069
Wheat	90	139	286	357	522	689	1,104	803	1,367
Double Crop Soybeans	89	130	303	408	543	715	1,208	792	1,446
Milo								118	134
White Corn	147	203	156	368	421	121		1,271	2,105
Barley			85		118	185	257	65	321
Tobacco - Burley	18	39	34	46	31	50	75	15	118
Tobacco - Dark Air Cured	7	3	9	6	13	25	5	6	32
Tobacco - Dark Fire Cured	61	5	47	13	30	118	55	12	50
Forages	49	240	512	271	169	222	207	276	422
Land Use %									
Yellow Corn	22.4%	38.8%	45.1%	44.7%	42.2%	42.6%	45.7%	43.1%	46.4%
Full Season Soybeans	3.7%	32.1%	23.0%	24.9%	25.2%	18.5%	26.0%	19.8%	21.6%
Wheat	35.0%	15.3%	24.1%	19.7%	23.4%	28.9%	22.5%	27.7%	24.9%
Double Crop Soybeans	34.5%	15.0%	25.5%	19.0%	22.1%	30.0%	24.6%	27.3%	26.3%
Milo								0.5%	0.1%
White Corn	9.5%	1.1%	0.6%	1.6%	3.4%	0.6%		5.5%	3.2%
Barley			0.9%		0.5%	1.0%	1.3%	0.3%	1.3%
Tobacco - Burley	6.0%	1.5%	0.6%	1.2%	0.5%	1.0%	0.8%	0.1%	0.4%
Tobacco - Dark Air Cured	1.8%	0.0%	0.2%	0.1%	0.2%	0.4%	0.1%	0.0%	0.1%
Tobacco - Dark Fire Cured	11.9%	0.0%	0.3%	0.3%	0.5%	1.2%	0.6%	0.1%	0.1%
Forages	9.6%	11.2%	5.2%	7.5%	4.1%	5.8%	3.2%	2.9%	2.0%
Crop Value Per Acre									
Yellow Corn	742	752	845	860	783	785	824	923	900
Full Season Soybeans	574	643	707	735	709	687	724	733	703
Wheat	528	494	522	526	497	539	498	580	578
Double Crop Soybeans	706	651	652	652	611	657	608	618	687
Milo								525	470
White Corn	897	830	737	822	901	1,131		907	1,063
Barley			397		389	454	428	419	345
Tobacco - Burley	4,699	5,183	5,025	5,043	4,655	3,524	4,413	2,652	4,444
Tobacco - Dark Air Cured	5,646	9,499	7,027	5,505	6,961	6,090	5,519	3,472	5,496
Tobacco - Dark Fire Cured	6,131	3,892	9,895	7,155	6,960	8,230	7,958	-39	7,236
Price Received - Old Crop									
Yellow Corn	6.60	7.12	6.97	6.99	6.94	6.58	6.68	7.25	6.90
Soybeans	14.21	14.86	14.30	14.60	14.56	14.23	14.98	14.61	14.55
Wheat		7.80	7.80	7.40	8.00	7.64	7.82	7.36	8.05
White Corn		6.96			8.07	8.75		7.89	6.97
Barley							4.25		4.22
Tobacco - Burley	336.00	2.04	2.00	2.18	2.24	2.17	1.98	1.80	2.06
Tobacco - Dark Air Cured	1.72	2.33	2.30	1.92	2.39	2.23	1.99		2.20
Tobacco - Dark Fire Cured	2.14	2.04	2.60	2.49	2.49	2.54	2.44	1.44	2.42
Price Received - New Crop									
Yellow Corn	3.67	4.58	4.71	4.50	4.48	4.62	4.57	4.68	4.96
Soybeans	12.61	13.11	12.86	12.79	12.25	13.37	13.15	12.85	12.76
Wheat	6.51	6.73	7.01	6.69	6.24	6.83	7.31	6.98	6.97
Milo								5.02	3.51
White Corn	5.18	6.47		4.49	6.22			4.98	7.73
Barley			4.15		4.16	4.20	4.24		4.27
Tobacco - Burley	2.05	2.08	2.06	2.11	2.07	2.05	2.06	2.04	2.07
Tobacco - Dark Air Cured	2.37		2.35	2.35	2.29	2.30			2.29
Tobacco - Dark Fire Cured	2.66		2.69	2.61	2.65	2.67	2.67		2.45

Table EE.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Area & Management - 2013									
PRELIMINARY									
	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal	Purchase	Central Ky	Central Ky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	All	Hi 1/3
Number of Farms	44	15	15	84	28	28	16	20	7
Total Acres in Farm	2,315	2,507	2,266	2,572	3,082	1,848	2,647	1,829	2,819
Tillable Acres in Farm	2,170	2,457	2,034	2,369	2,879	1,657	2,564	1,753	2,803
Operator Tillable Acres	1,858	2,033	1,790	2,185	2,642	1,499	2,342	1,657	2,581
Percent Land Owned	25.2%	28.5%	26.6%	32.3%	36.2%	28.8%	30.8%	15.9%	15.4%
Percent Land Crop Share	41.2%	45.1%	36.5%	22.2%	22.8%	27.3%	24.5%	14.9%	20.3%
Percent Land Cash Rent	33.6%	26.3%	36.9%	45.5%	41.0%	43.9%	44.6%	69.2%	64.2%
Months of Hired Labor	31.0	27.6	25.1	60.5	56.1	45.5	34.6	48.1	94.4
Months of Unpaid Labor	18.1	18.1	17.8	16.5	16.8	15.9	19.2	11.4	13.1
Total Months Labor	49.1	45.7	42.9	77.0	73.0	61.5	53.8	59.5	107.5
FARM RETURNS									
Crop Returns	853.82	889.04	816.61	969.89	1,091.49	772.70	882.60	735.83	670.29
Livestock Return Above Feed	17.36	18.10	4.10	6.95	4.26	6.92	27.74	14.23	10.77
Custom Work	6.57	5.08	4.68	8.89	9.74	12.63	22.95	13.29	8.05
Other Farm Receipts	3.80	2.41	2.35	27.88	32.08	27.13	14.92	18.32	24.14
Tobacco Returns	26.97	10.05	22.63	75.04	57.27	72.34	3.89	95.98	132.17
GROSS FARM RETURNS	908.52	924.68	850.36	1,088.65	1,194.84	891.72	952.09	877.65	845.43
FARM COSTS									
Soil Fertility	145.17	123.85	161.09	143.55	145.17	133.82	120.18	102.71	86.23
Pesticides	62.32	51.15	69.27	63.61	59.42	61.31	66.77	50.74	38.21
Seed	91.81	91.09	94.65	84.29	84.89	82.68	86.10	74.70	63.94
Crop Total	299.30	266.08	325.01	291.45	289.47	277.81	273.05	228.15	188.38
Utilities	7.01	6.86	5.04	10.30	8.45	10.52	9.72	7.68	7.02
Machine Repairs	37.36	30.52	42.85	37.84	27.36	48.82	33.02	37.67	33.09
Machine Hire & Lease	17.05	11.08	18.29	24.29	22.82	20.41	39.93	14.43	9.09
Fuel & Oil	34.50	31.74	37.06	41.23	39.94	40.22	34.03	34.20	25.45
Light Vehicle	0.07	0.16	0.04	0.01	0.01	0.02	0.04	0.42	0.77
Machine Depreciation	71.88	60.60	81.44	64.64	62.17	70.18	72.71	55.88	44.64
Power & Equip. Total	167.87	140.96	184.73	178.31	160.75	190.17	189.45	150.27	120.05
Drying	5.63	3.63	7.58	8.86	10.18	8.01	10.85	6.73	5.74
Storage	0.38	0.62	0.13	0.70	0.96	0.44	1.91	0.57	0.42
Building Repair & Rent	11.07	6.23	12.76	9.86	7.03	8.17	6.40	12.67	16.89
Building Depreciation	16.38	14.07	21.57	15.72	16.70	15.46	11.48	10.61	6.47
Building Total	33.46	24.55	42.04	35.13	34.88	32.08	30.64	30.58	29.52
Labor, Unpaid	23.02	20.44	24.33	18.77	15.49	26.56	20.85	18.35	13.20
Labor, Paid	37.32	30.40	31.82	70.00	56.77	69.49	42.73	69.33	74.66
Labor Total	60.34	50.83	56.15	88.77	72.26	96.05	63.58	87.68	87.86
Vet, Med, Livestock Supply	0.69	0.60	0.85	1.52	1.57	1.76	3.17	1.38	0.82
Insurance	30.17	22.82	30.83	34.27	31.53	40.22	37.21	40.08	40.93
Miscellaneous	8.76	6.82	10.45	10.93	12.11	8.61	12.15	17.19	12.65
Interest Charge - Nonland	59.55	54.06	64.15	60.51	61.72	57.64	50.56	49.21	41.07
Other Costs Total	99.17	84.30	106.29	107.22	106.92	108.23	103.09	107.87	95.47
Land Charge Total	174.34	160.87	185.37	211.15	211.81	222.43	156.00	152.85	133.66
TOTAL NON-FEED COSTS	834.48	727.59	899.58	912.04	876.09	926.78	815.80	757.40	654.95
Gain/loss Capital Sales	5.64	3.86	3.50	4.96	4.96	6.28	-1.06	6.20	4.36
MANAGEMENT RETURNS	79.68	200.95	(45.72)	181.57	323.71	(28.78)	135.22	126.46	194.84

Table EE.2 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Area & Management - 2013

	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal	Purchase	Central Ky	Central Ky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	All	Hi 1/3
Number of Farms	44	15	15	84	28	28	16	20	7
Crop Yields									
Yellow Corn	188	192	183	189	197	172	192	195	193
Full Season Soybeans	55	56	51	54	59	51	48	56	56
Wheat	83	86	79	80	84	67	84	79	82
Double Crop Soybeans	47	52	45	52	55	46	49	40	33
Milo				119	105	134			
White Corn	150		150	190	178	181			
Barley				86	79	94	106		
Tobacco - Burley	2,560	3,052	2,483	2,149	2,755	1,683	2,143	1,675	1,507
Tobacco - Dark Air Cured	2,955	3,036	2,822	2,505	2,610	1,633	838		
Tobacco - Dark Fire Cured				2,842	3,362	2,304	2,394		
Total Acres Planted-Selected Crops									
Yellow Corn	1,093	1,272	1,025	1,052	1,386	721	1,022	699	1,059
Full Season Soybeans	817	1,122	672	326	216	438	729	680	1,000
Wheat	330	256	426	886	1,120	511	663	205	144
Double Crop Soybeans	321	254	396	939	1,189	565	669	193	165
Milo				126	118	134			
White Corn	156		156	927	145	335			
Barley				241	322	261	65		
Tobacco - Burley	50	13	96	36	75	25	7	119	186
Tobacco - Dark Air Cured	9	7	17	17	32	9	2		
Tobacco - Dark Fire Cured				44	33	33	17		
Forages	86	36	111	381	527	379	517	240	142
Land Use %									
Yellow Corn	51.0%	49.9%	51.2%	42.4%	50.1%	39.6%	43.6%	44.1%	46.0%
Full Season Soybeans	37.3%	44.0%	31.3%	11.8%	6.4%	22.1%	27.2%	40.7%	43.4%
Wheat	10.0%	5.7%	14.2%	33.0%	37.6%	22.5%	26.5%	9.0%	4.5%
Double Crop Soybeans	10.1%	5.7%	14.5%	34.9%	39.9%	24.9%	26.8%	6.7%	4.1%
Milo				0.1%	0.2%	0.3%			
White Corn	0.2%		0.5%	4.8%	0.2%	2.9%			
Barley				1.7%	2.1%	1.7%	0.2%		
Tobacco - Burley	0.4%	0.1%	0.3%	0.5%	0.4%	0.7%	0.0%	2.3%	3.5%
Tobacco - Dark Air Cured	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.0%		
Tobacco - Dark Fire Cured				0.5%	0.3%	0.7%	0.0%		
Forages	1.1%	0.3%	2.5%	4.9%	2.5%	9.4%	2.4%	3.9%	2.6%
Crop Value Per Acre									
Yellow Corn	845	907	804	887	963	767	879	834	814
Full Season Soybeans	727	760	658	694	773	678	590	750	764
Wheat	572	589	540	555	608	449	580	455	499
Double Crop Soybeans	623	683	582	679	719	598	632	582	455
Milo				498	525	470			
White Corn	737		737	1,014	1,102	885			
Barley				364	347	384	419		
Tobacco - Burley	5,261	6,191	5,145	4,452	5,673	3,507	4,436	4,455	4,272
Tobacco - Dark Air Cured	7,047	7,280	6,690	5,801	6,105	3,438	2,003		
Tobacco - Dark Fire Cured				7,466	8,731	6,069	6,505		
Price Received - Old Crop									
Yellow Corn	6.90	7.13	6.46	6.87	6.95	7.10	6.96	7.15	7.32
Soybeans	14.53	14.71	14.01	14.70	14.84	14.87	13.66	14.90	15.12
Wheat	7.21		7.22	7.91	7.68	7.16	8.26	7.99	7.97
White Corn				7.22		7.92			
Barley				4.24	4.22	4.25			
Tobacco - Burley	2.00		2.07	2.09	2.41	1.99		2.02	2.02
Tobacco - Dark Air Cured	2.31	2.30		2.21	2.28	2.21	2.24		
Tobacco - Dark Fire Cured				2.48	2.55	2.34	2.63		
Price Received - New Crop									
Yellow Corn	4.65	4.92	4.50	4.87	5.19	4.53	4.94	4.77	4.79
Soybeans	12.85	13.13	12.86	12.77	12.88	13.20	12.69	12.85	12.97
Wheat	6.94	7.03	7.00	6.95	7.10	6.85	6.87	5.84	6.10
Milo				4.19	5.02	3.51			
White Corn				6.12		4.97			
Barley				4.25	4.33	4.21			
Tobacco - Burley	2.05	2.04	2.05	2.06	2.06	2.07		2.11	2.13
Tobacco - Dark Air Cured	2.38	2.39	2.37	2.30	2.32	1.79			
Tobacco - Dark Fire Cured				2.61	2.60	2.68	2.68		

Table EEa.1 - Economic Management Analysis per Operator Acre:				PRELIMINARY
Kentucky Grain Farms by Area & Management 2 - 2013				
	Kentucky	Central Ky	Central Ky	Central Ky
	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All
Management Returns	All	All	Hi 1/3	Lo 1/3
Number of Farms	164	20	7	7
Total Acres in Farm	2,420	1,829	2,819	915
Tillable Acres in Farm	2,259	1,753	2,803	857
Operator Tillable Acres	2,048	1,657	2,581	844
Percent Land Owned	28.8%	15.9%	15.4%	26.0%
Percent Land Crop Share	26.6%	14.9%	20.3%	8.6%
Percent Land Cash Rent	44.6%	69.2%	64.2%	65.4%
Months of Hired Labor	48.5	48.1	94.4	14.4
Months of Unpaid Labor	16.6	11.4	13.1	8.3
Total Months Labor	65.1	59.5	107.5	22.7
FARM RETURNS				
Crop Returns	908.82	735.83	670.29	794.39
Livestock Return Above Feed	12.52	14.23	10.77	1.94
Custom Work	10.33	13.29	8.05	12.89
Other Farm Receipts	19.63	18.32	24.14	7.01
Tobacco Returns	57.47	95.98	132.17	73.88
GROSS FARM RETURNS	1,008.77	877.65	845.43	890.11
FARM COSTS				
Soil Fertility	137.31	102.71	86.23	164.38
Pesticides	62.38	50.74	38.21	70.89
Seed	85.37	74.70	63.94	86.89
Crop Total	285.06	228.15	188.38	322.16
Utilities	9.18	7.68	7.02	9.89
Machine Repairs	37.17	37.67	33.09	44.68
Machine Hire & Lease	23.30	14.43	9.09	32.49
Fuel & Oil	38.09	34.20	25.45	39.90
Light Vehicle	0.07	0.42	0.77	0.00
Machine Depreciation	66.44	55.88	44.64	69.99
Power & Equip. Total	174.25	150.27	120.05	196.94
Drying	8.09	6.73	5.74	2.81
Storage	0.74	0.57	0.42	1.00
Building Repair & Rent	10.04	12.67	16.89	6.55
Building Depreciation	14.90	10.61	6.47	12.41
Building Total	33.78	30.58	29.52	22.76
Labor, Unpaid	20.00	18.35	13.20	26.64
Labor, Paid	58.94	69.33	74.66	64.17
Labor Total	78.94	87.68	87.86	90.81
Vet, Med, Livestock Supply	1.49	1.38	0.82	2.51
Insurance	34.17	40.08	40.93	45.11
Miscellaneous	11.15	17.19	12.65	14.99
Interest Charge - Nonland	58.05	49.21	41.07	57.57
Other Costs Total	104.87	107.87	95.47	120.19
Land Charge Total	190.29	152.85	133.66	190.86
TOTAL NON-FEED COSTS	867.18	757.40	654.95	943.73
Gain/loss Capital Sales	4.58	6.20	4.36	-4.62
MANAGEMENT RETURNS	146.17	126.46	194.84	(58.24)

**Table EEa.2 - Economic Management Analysis per Operator Acre:
Kentucky Grain Farms by Area & Management 2 - 2013**

	Kentucky	Central Ky	Central Ky Grain	Central Ky Grain
Range in Size (Acres)	All	All	All	All
Management Returns	All	All	Hi 1/3	Lo 1/3
Number of Farms	164	20	7	7
Crop Yields				
Yellow Corn	189	195	193	189
Full Season Soybeans	54	56	56	58
Wheat	81	79	82	81
Double Crop Soybeans	51	40	33	37
Tobacco - Burley	2,051	1,675	1,507	2,227
Total Acres Planted-Selected Crops				
Yellow Corn	1,015	699	1,059	353
Full Season Soybeans	554	680	1,000	445
Wheat	665	205	144	141
Double Crop Soybeans	701	193	165	102
Tobacco - Burley	50	119	186	93
Forages	377	240	142	54
Land Use %				
Yellow Corn	44.9%	44.1%	46.0%	40.9%
Full Season Soybeans	22.6%	40.7%	43.4%	44.1%
Wheat	24.2%	9.0%	4.5%	11.7%
Double Crop Soybeans	25.1%	6.7%	4.1%	5.1%
Tobacco - Burley	0.6%	2.3%	3.5%	1.5%
Forages	3.6%	3.9%	2.6%	1.8%
Crop Value Per Acre				
Yellow Corn	870	834	814	815
Full Season Soybeans	704	750	764	782
Wheat	556	455	499	496
Double Crop Soybeans	666	582	455	488
Tobacco - Burley	4,594	4,455	4,272	4,694
Price Received - Old Crop				
Yellow Corn	6.91	7.15	7.32	6.90
Soybeans	14.57	14.90	15.12	14.79
Wheat	7.91	7.99	7.97	
Tobacco - Burley	2.05	2.02	2.02	2.02
Price Received - New Crop				
Yellow Corn	4.82	4.77	4.79	4.85
Soybeans	12.81	12.85	12.97	12.99
Wheat	6.88	5.84	6.10	6.45
Tobacco - Burley	2.07	2.11	2.13	2.06

Table EEb.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Area & Management - 2013										PRELIMINARY
	Kentucky	Kentucky	Kentucky	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal	
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All
Number of Farms	164	54	54	44	15	15	84	28	28	28
Total Acres in Farm	2,420	3,127	1,908	2,315	2,507	2,266	2,572	3,082	1,848	1,848
Tillable Acres in Farm	2,259	2,943	1,722	2,170	2,457	2,034	2,369	2,879	1,657	1,657
Operator Tillable Acres	2,048	2,690	1,531	1,858	2,033	1,790	2,185	2,642	1,499	1,499
Percent Land Owned	28.8%	35.7%	26.6%	25.2%	28.5%	26.6%	32.3%	36.2%	28.8%	28.8%
Percent Land Crop Share	26.6%	23.5%	33.7%	41.2%	45.1%	36.5%	22.2%	22.8%	27.3%	27.3%
Percent Land Cash Rent	44.6%	40.8%	39.7%	33.6%	26.3%	36.9%	45.5%	41.0%	43.9%	43.9%
Months of Hired Labor	48.5	65.1	35.1	31.0	27.6	25.1	60.5	56.1	45.5	45.5
Months of Unpaid Labor	16.6	17.5	15.1	18.1	18.1	17.8	16.5	16.8	15.9	15.9
Total Months Labor	65.1	82.7	50.2	49.1	45.7	42.9	77.0	73.0	61.5	61.5
FARM RETURNS										
Crop Returns	908.82	992.59	789.25	853.82	889.04	816.61	969.89	1,091.49	772.70	772.70
Livestock Return Above Feed	12.52	8.87	7.35	17.36	18.10	4.10	6.95	4.26	6.92	6.92
Custom Work	10.33	7.48	9.34	6.57	5.08	4.68	8.89	9.74	12.63	12.63
Other Farm Receipts	19.63	23.71	15.09	3.80	2.41	2.35	27.88	32.08	27.13	27.13
Tobacco Returns	57.47	66.90	46.69	26.97	10.05	22.63	75.04	57.27	72.34	72.34
GROSS FARM RETURNS	1,008.77	1,099.56	867.72	908.52	924.68	850.36	1,088.65	1,194.84	891.72	891.72
FARM COSTS										
Soil Fertility	137.31	131.63	146.57	145.17	123.85	161.09	143.55	145.17	133.82	133.82
Pesticides	62.38	60.31	66.20	62.32	51.15	69.27	63.61	59.42	61.31	61.31
Seed	85.37	83.30	88.72	91.81	91.09	94.65	84.29	84.89	82.68	82.68
Crop Total	285.06	275.25	301.49	299.30	266.08	325.01	291.45	289.47	277.81	277.81
Utilities	9.18	8.79	8.67	7.01	6.86	5.04	10.30	8.45	10.52	10.52
Machine Repairs	37.17	30.77	45.17	37.36	30.52	42.85	37.84	27.36	48.82	48.82
Machine Hire & Lease	23.30	19.98	20.55	17.05	11.08	18.29	24.29	22.82	20.41	20.41
Fuel & Oil	38.09	36.48	38.90	34.50	31.74	37.06	41.23	39.94	40.22	40.22
Light Vehicle	0.07	0.03	0.02	0.07	0.16	0.04	0.01	0.01	0.02	0.02
Machine Depreciation	66.44	60.07	75.38	71.88	60.60	81.44	64.64	62.17	70.18	70.18
Power & Equip. Total	174.25	156.12	188.70	167.87	140.96	184.73	178.31	160.75	190.17	190.17
Drying	8.09	8.09	7.29	5.63	3.63	7.58	8.86	10.18	8.01	8.01
Storage	0.74	0.86	0.34	0.38	0.62	0.13	0.70	0.96	0.44	0.44
Building Repair & Rent	10.04	9.84	10.27	11.07	6.23	12.76	9.86	7.03	8.17	8.17
Building Depreciation	14.90	13.96	16.97	16.38	14.07	21.57	15.72	16.70	15.46	15.46
Building Total	33.78	32.75	34.87	33.46	24.55	42.04	35.13	34.88	32.08	32.08
Labor, Unpaid	20.00	16.04	24.44	23.02	20.44	24.33	18.77	15.49	26.56	26.56
Labor, Paid	58.94	61.15	53.93	37.32	30.40	31.82	70.00	56.77	69.49	69.49
Labor Total	78.94	77.19	78.36	60.34	50.83	56.15	88.77	72.26	96.05	96.05
Vet, Med, Livestock Supply	1.49	1.63	1.33	0.69	0.60	0.85	1.52	1.57	1.76	1.76
Insurance	34.17	31.23	37.74	30.17	22.82	30.83	34.27	31.53	40.22	40.22
Miscellaneous	11.15	11.17	9.85	8.76	6.82	10.45	10.93	12.11	8.61	8.61
Interest Charge - Nonland	58.05	57.37	60.28	59.55	54.06	64.15	60.51	61.72	57.64	57.64
Other Costs Total	104.87	101.41	109.19	99.17	84.30	106.29	107.22	106.92	108.23	108.23
Land Charge Total	190.29	189.20	194.84	174.34	160.87	185.37	211.15	211.81	222.43	222.43
TOTAL NON-FEED COSTS	867.18	831.92	907.45	834.48	727.59	899.58	912.04	876.09	926.78	926.78
Gain/loss Capital Sales	4.58	4.95	5.94	5.64	3.86	3.50	4.96	4.96	6.28	6.28
MANAGEMENT RETURNS	146.17	272.59	(33.79)	79.68	200.95	(45.72)	181.57	323.71	(28.78)	(28.78)

Table EEb.2 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Area & Management - 2013									
	Kentucky	Kentucky	Kentucky	Ohio Valley	Ohio Valley	Ohio Valley	Pennyroyal	Pennyroyal	Pennyroyal
			Grain	Grain	Grain	Grain			
Range in Size (Acres)	All	All	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3
Number of Farms	164	54	54	44	15	15	84	28	28
Crop Yields									
Yellow Corn	189	195	179	188	192	183	189	197	172
Full Season Soybeans	54	56	53	55	56	51	54	59	51
Wheat	81	83	72	83	86	79	80	84	67
Double Crop Soybeans	51	54	46	47	52	45	52	55	46
Milo	119	105	134				119	105	134
White Corn	189	193	177	150		150	190	178	181
Barley	86	80	86				86	79	94
Tobacco - Burley	2,051	2,016	1,996	2,560	3,052	2,483	2,149	2,755	1,683
Tobacco - Dark Air Cured	2,555	2,669	1,937	2,955	3,036	2,822	2,505	2,610	1,633
Tobacco - Dark Fire Cured	2,835	3,196	2,262				2,842	3,362	2,304
Total Acres Planted-Selected Crops									
Yellow Corn	1,015	1,287	817	1,093	1,272	1,025	1,052	1,386	721
Full Season Soybeans	554	519	579	817	1,122	672	326	216	438
Wheat	665	972	387	330	256	426	886	1,120	511
Double Crop Soybeans	701	1,024	410	321	254	396	939	1,189	565
Milo	126	118	134				126	118	134
White Corn	857	1,331	299	156		156	927	145	335
Barley	230	279	263				241	322	261
Tobacco - Burley	50	86	37	50	13	96	36	75	25
Tobacco - Dark Air Cured	15	20	11	9	7	17	17	32	9
Tobacco - Dark Fire Cured	43	46	39				44	33	33
Forages	377	400	278	86	36	111	381	527	379
Land Use %									
Yellow Corn	44.9%	43.8%	45.6%	51.0%	49.9%	51.2%	42.4%	50.1%	39.6%
Full Season Soybeans	22.6%	16.6%	29.2%	37.3%	44.0%	31.3%	11.8%	6.4%	22.1%
Wheat	24.2%	30.5%	16.5%	10.0%	5.7%	14.2%	33.0%	37.6%	22.5%
Double Crop Soybeans	25.1%	31.4%	17.1%	10.1%	5.7%	14.5%	34.9%	39.9%	24.9%
Milo	0.1%	0.1%	0.1%				0.1%	0.2%	0.3%
White Corn	2.7%	4.4%	1.6%	0.2%		0.5%	4.8%	0.2%	2.9%
Barley	1.0%	1.1%	0.6%				1.7%	2.1%	1.7%
Tobacco - Burley	0.6%	0.7%	0.5%	0.4%	0.1%	0.3%	0.5%	0.4%	0.7%
Tobacco - Dark Air Cured	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%
Tobacco - Dark Fire Cured	0.3%	0.3%	0.3%				0.5%	0.3%	0.7%
Forages	3.6%	2.3%	5.4%	1.1%	0.3%	2.5%	4.9%	2.5%	9.4%
Crop Value Per Acre									
Yellow Corn	870	922	787	845	907	804	887	963	767
Full Season Soybeans	704	749	690	727	760	658	694	773	678
Wheat	556	587	486	572	589	540	555	608	449
Double Crop Soybeans	666	701	585	623	683	582	679	719	598
Milo	498	525	470				498	525	470
White Corn	1,009	1,053	866	737		737	1,014	1,102	885
Barley	365	350	358				364	347	384
Tobacco - Burley	4,594	4,785	4,164	5,261	6,191	5,145	4,452	5,673	3,507
Tobacco - Dark Air Cured	5,943	6,241	4,270	7,047	7,280	6,690	5,801	6,105	3,438
Tobacco - Dark Fire Cured	7,451	8,324	5,952				7,466	8,731	6,069
Price Received - Old Crop									
Yellow Corn	6.91	6.95	6.77	6.90	7.13	6.46	6.87	6.95	7.10
Soybeans	14.57	14.69	14.56	14.53	14.71	14.01	14.70	14.84	14.87
Wheat	7.91	7.91	7.21	7.21		7.22	7.91	7.68	7.16
White Corn	7.22	7.08	7.92				7.22		7.92
Barley	4.24	4.22					4.24	4.22	4.25
Tobacco - Burley	2.05	2.06	2.01	2.00		2.07	2.09	2.41	1.99
Tobacco - Dark Air Cured	2.21	2.17	2.21	2.31	2.30		2.21	2.28	2.21
Tobacco - Dark Fire Cured	2.49	2.45	2.30				2.48	2.55	2.34
Price Received - New Crop									
Yellow Corn	4.82	5.02	4.58	4.65	4.92	4.50	4.87	5.19	4.53
Soybeans	12.81	12.62	12.94	12.85	13.13	12.86	12.77	12.88	13.20
Wheat	6.88	7.03	6.84	6.94	7.03	7.00	6.95	7.10	6.85
Milo	4.19	5.02	3.51				4.19	5.02	3.51
White Corn	6.12	7.86	4.97				6.12		4.97
Barley	4.25	4.33	4.18				4.25	4.33	4.21
Tobacco - Burley	2.07	2.08	2.06	2.05	2.04	2.05	2.06	2.06	2.07
Tobacco - Dark Air Cured	2.31	2.32	2.16	2.38	2.39	2.37	2.30	2.32	1.79
Tobacco - Dark Fire Cured	2.61	2.55	2.68				2.61	2.60	2.68

Table EEc.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Area & Management - 2013							PRELIMINARY
	Kentucky Grain	Kentucky Grain	Kentucky Grain	Central Ky Grain	Central Ky Grain	Central Ky Grain	Purchase Grain
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All
Number of Farms	164	54	54	20	7	7	16
Total Acres in Farm	2,420	3,127	1,908	1,829	2,819	915	2,647
Tillable Acres in Farm	2,259	2,943	1,722	1,753	2,803	857	2,564
Operator Tillable Acres	2,048	2,690	1,531	1,657	2,581	844	2,342
Percent Land Owned	28.8%	35.7%	26.6%	15.9%	15.4%	26.0%	30.8%
Percent Land Crop Share	26.6%	23.5%	33.7%	14.9%	20.3%	8.6%	24.5%
Percent Land Cash Rent	44.6%	40.8%	39.7%	69.2%	64.2%	65.4%	44.6%
Months of Hired Labor	48.5	65.1	35.1	48.1	94.4	14.4	34.6
Months of Unpaid Labor	16.6	17.5	15.1	11.4	13.1	8.3	19.2
Total Months Labor	65.1	82.7	50.2	59.5	107.5	22.7	53.8
FARM RETURNS							
Crop Returns	908.82	992.59	789.25	735.83	670.29	794.39	882.60
Livestock Return Above Feed	12.52	8.87	7.35	14.23	10.77	1.94	27.74
Custom Work	10.33	7.48	9.34	13.29	8.05	12.89	22.95
Other Farm Receipts	19.63	23.71	15.09	18.32	24.14	7.01	14.92
Tobacco Returns	57.47	66.90	46.69	95.98	132.17	73.88	3.89
GROSS FARM RETURNS	1,008.77	1,099.56	867.72	877.65	845.43	890.11	952.09
FARM COSTS							
Soil Fertility	137.31	131.63	146.57	102.71	86.23	164.38	120.18
Pesticides	62.38	60.31	66.20	50.74	38.21	70.89	66.77
Seed	85.37	83.30	88.72	74.70	63.94	86.89	86.10
Crop Total	285.06	275.25	301.49	228.15	188.38	322.16	273.05
Utilities	9.18	8.79	8.67	7.68	7.02	9.89	9.72
Machine Repairs	37.17	30.77	45.17	37.67	33.09	44.68	33.02
Machine Hire & Lease	23.30	19.98	20.55	14.43	9.09	32.49	39.93
Fuel & Oil	38.09	36.48	38.90	34.20	25.45	39.90	34.03
Light Vehicle	0.07	0.03	0.02	0.42	0.77	0.00	0.04
Machine Depreciation	66.44	60.07	75.38	55.88	44.64	69.99	72.71
Power & Equip. Total	174.25	156.12	188.70	150.27	120.05	196.94	189.45
Drying	8.09	8.09	7.29	6.73	5.74	2.81	10.85
Storage	0.74	0.86	0.34	0.57	0.42	1.00	1.91
Building Repair & Rent	10.04	9.84	10.27	12.67	16.89	6.55	6.40
Building Depreciation	14.90	13.96	16.97	10.61	6.47	12.41	11.48
Building Total	33.78	32.75	34.87	30.58	29.52	22.76	30.64
Labor, Unpaid	20.00	16.04	24.44	18.35	13.20	26.64	20.85
Labor, Paid	58.94	61.15	53.93	69.33	74.66	64.17	42.73
Labor Total	78.94	77.19	78.36	87.68	87.86	90.81	63.58
Vet, Med, Livestock Supply	1.49	1.63	1.33	1.38	0.82	2.51	3.17
Insurance	34.17	31.23	37.74	40.08	40.93	45.11	37.21
Miscellaneous	11.15	11.17	9.85	17.19	12.65	14.99	12.15
Interest Charge - Nonland	58.05	57.37	60.28	49.21	41.07	57.57	50.56
Other Costs Total	104.87	101.41	109.19	107.87	95.47	120.19	103.09
Land Charge Total	190.29	189.20	194.84	152.85	133.66	190.86	156.00
TOTAL NON-FEED COSTS	867.18	831.92	907.45	757.40	654.95	943.73	815.80
Gain/loss Capital Sales	4.58	4.95	5.94	6.20	4.36	-4.62	-1.06
MANAGEMENT RETURNS	146.17	272.59	(33.79)	126.46	194.84	(58.24)	135.22

**Table EEc.2 - Economic Management Analysis per Operator Acre:
Kentucky Grain Farms by Area & Management - 2013**

	Kentucky	Kentucky	Kentucky	Central Ky	Central Ky	Central Ky	Purchase
			Grain	Grain	Grain	Grain	
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	Hi 1/3	Lo 1/3	All	Hi 1/3	Lo 1/3	All
Number of Farms	164	54	54	20	7	7	16
Crop Yields							
Yellow Corn	189	195	179	195	193	189	192
Full Season Soybeans	54	56	53	56	56	58	48
Wheat	81	83	72	79	82	81	84
Double Crop Soybeans	51	54	46	40	33	37	49
Barley	86	80	86				106
Tobacco - Burley	2,051	2,016	1,996	1,675	1,507	2,227	2,143
Tobacco - Dark Air Cured	2,555	2,669	1,937				838
Tobacco - Dark Fire Cured	2,835	3,196	2,262				2,394
Total Acres Planted-Selected Crops							
Yellow Corn	1,015	1,287	817	699	1,059	353	1,022
Full Season Soybeans	554	519	579	680	1,000	445	729
Wheat	665	972	387	205	144	141	663
Double Crop Soybeans	701	1,024	410	193	165	102	669
Barley	230	279	263				65
Tobacco - Burley	50	86	37	119	186	93	7
Tobacco - Dark Air Cured	15	20	11				2
Tobacco - Dark Fire Cured	43	46	39				17
Forages	377	400	278	240	142	54	517
Land Use %							
Yellow Corn	44.9%	43.8%	45.6%	44.1%	46.0%	40.9%	43.6%
Full Season Soybeans	22.6%	16.6%	29.2%	40.7%	43.4%	44.1%	27.2%
Wheat	24.2%	30.5%	16.5%	9.0%	4.5%	11.7%	26.5%
Double Crop Soybeans	25.1%	31.4%	17.1%	6.7%	4.1%	5.1%	26.8%
Barley	1.0%	1.1%	0.6%				0.2%
Tobacco - Burley	0.6%	0.7%	0.5%	2.3%	3.5%	1.5%	0.0%
Tobacco - Dark Air Cured	0.1%	0.2%	0.1%				0.0%
Tobacco - Dark Fire Cured	0.3%	0.3%	0.3%				0.0%
Crop Value Per Acre							
Yellow Corn	870	922	787	834	814	815	879
Full Season Soybeans	704	749	690	750	764	782	590
Wheat	556	587	486	455	499	496	580
Double Crop Soybeans	666	701	585	582	455	488	632
Barley	365	350	358				419
Tobacco - Burley	4,594	4,785	4,164	4,455	4,272	4,694	4,436
Tobacco - Dark Air Cured	5,943	6,241	4,270				2,003
Tobacco - Dark Fire Cured	7,451	8,324	5,952				6,505
Price Received - Old Crop							
Yellow Corn	6.91	6.95	6.77	7.15	7.32	6.90	6.96
Soybeans	14.57	14.69	14.56	14.90	15.12	14.79	13.66
Wheat	7.91	7.91	7.21	7.99	7.97		8.26
Tobacco - Burley	2.05	2.06	2.01	2.02	2.02	2.02	
Tobacco - Dark Air Cured	2.21	2.17	2.21				2.24
Tobacco - Dark Fire Cured	2.49	2.45	2.30				2.63
Price Received - New Crop							
Yellow Corn	4.82	5.02	4.58	4.77	4.79	4.85	4.94
Soybeans	12.81	12.62	12.94	12.85	12.97	12.99	12.69
Wheat	6.88	7.03	6.84	5.84	6.10	6.45	6.87
Tobacco - Burley	2.07	2.08	2.06	2.11	2.13	2.06	
Tobacco - Dark Air Cured	2.31	2.32	2.16				
Tobacco - Dark Fire Cured	2.61	2.55	2.68				2.68

Table FF.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms - 0% Feed Fed - 2013 PRELIMINARY

	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	28	42	14	9	31	24	38	93
Total Acres in Farm	2,300	2,582	2,670	1,187	695	1,528	4,282	2,376
Tillable Acres in Farm	2,236	2,365	2,575	1,155	617	1,441	4,070	2,241
Operator Tillable Acres	1,882	2,188	2,354	1,115	561	1,331	3,637	2,017
Percent Land Owned	25.8%	30.9%	31.7%	15.5%	39.1%	20.0%	29.4%	28.7%
Percent Land Crop Share	44.8%	19.7%	25.3%	10.5%	26.9%	25.8%	28.3%	27.7%
Percent Land Cash Rent	29.4%	49.4%	43.1%	74.0%	34.1%	54.2%	42.3%	43.5%
Months of Hired Labor	30.1	64.4	36.9	19.4	17.1	34.8	75.6	45.6
Months of Unpaid Labor	19.1	15.9	18.8	10.9	12.3	14.4	22.0	16.8
Total Months Labor	49.2	80.3	55.7	30.3	29.5	49.2	97.6	62.4
FARM RETURNS								
Crop Returns	875.48	1,019.67	886.43	766.26	864.77	888.91	964.25	942.19
Livestock Return Above Feed	19.75	2.17	24.62	13.87	46.63	18.67	5.66	11.68
Custom Work	6.14	7.63	24.77	16.70	8.37	7.17	11.82	10.71
Other Farm Receipts	4.22	31.26	14.26	21.81	21.62	20.83	19.84	20.17
Tobacco Returns	25.48	84.39	4.42	43.49	114.69	84.80	35.99	51.60
GROSS FARM RETURNS	931.07	1,145.12	954.49	862.13	1,056.09	1,020.37	1,037.56	1,036.35
FARM COSTS								
Soil Fertility	139.83	137.45	123.24	126.57	152.47	145.00	130.55	135.04
Pesticides	54.99	67.91	66.73	57.20	63.65	61.96	63.83	63.50
Seed	90.53	87.77	84.69	89.82	87.44	91.40	87.44	88.11
Crop Total	285.34	293.13	274.66	273.58	303.56	298.37	281.82	286.65
Utilities	8.01	11.91	9.53	7.85	19.90	11.86	8.57	10.18
Machine Repairs	38.18	34.49	31.89	47.98	56.51	42.59	31.61	35.79
Machine Hire & Lease	16.44	22.24	41.51	20.13	33.28	19.38	23.74	23.88
Fuel & Oil	35.44	41.10	33.48	35.98	36.65	35.94	38.51	37.90
Light Vehicle	0.03	0.01	0.04	1.05	0.08	0.33	0.02	0.08
Machine Depreciation	70.44	69.19	75.02	58.31	81.34	70.85	68.36	69.99
Power & Equip. Total	168.54	178.94	191.49	171.30	227.75	180.96	170.80	177.81
Drying	6.51	7.47	12.30	3.01	3.76	5.03	8.97	7.81
Storage	0.59	0.92	2.02	0.58	0.40	1.33	1.00	1.00
Building Repair & Rent	10.89	10.59	6.63	6.34	11.98	9.35	9.56	9.75
Building Depreciation	16.78	15.92	11.84	13.25	20.07	14.48	14.89	15.30
Building Total	34.77	34.91	32.79	23.19	36.21	30.20	34.42	33.87
Labor, Unpaid	23.55	18.30	20.21	26.38	56.08	27.29	14.51	20.54
Labor, Paid	34.76	79.18	45.61	50.72	71.44	62.37	57.03	59.28
Labor Total	58.32	97.48	65.82	77.10	127.52	89.66	71.54	79.82
Vet, Med, Livestock Supply	0.33	1.12	1.25	1.40	2.45	0.61	0.82	0.94
Insurance	27.24	35.74	38.20	34.55	39.47	34.67	32.78	33.72
Miscellaneous	8.30	13.04	12.81	13.91	14.79	11.13	11.46	11.71
Interest Charge - Nonland	60.39	62.00	51.47	49.70	63.11	58.05	58.76	59.04
Other Costs Total	96.26	111.90	103.74	99.56	119.82	104.46	103.82	105.41
Land Charge Total	175.38	235.11	160.04	177.93	188.57	177.86	209.38	202.08
TOTAL NON-FEED COSTS	818.61	951.47	828.52	822.66	1,003.44	881.51	871.78	885.65
Gain/loss Capital Sales	5.46	5.54	-1.18	-1.24	12.95	2.33	3.22	3.97
MANAGEMENT RETURNS	117.92	199.19	124.79	38.24	65.59	141.20	169.00	154.67

Table FF.2 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms - 0% Feed Fed - 2013								
	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	28	42	14	9	31	24	38	93
Crop Yields								
Yellow Corn	189	188	192	191	177	183	192	189
Full Season Soybeans	56	55	46	56	51	57	53	54
Wheat	86	80	84	80	78	82	82	81
Double Crop Soybeans	50	52	49	34	51	48	52	51
Milo		105					105	105
White Corn	150	193			160	178	195	192
Barley		86			92	93	84	86
Tobacco - Burley	2,659	2,008	2,143	2,227	2,443	2,421	1,918	2,242
Tobacco - Dark Air Cured	2,947	2,473	838		2,653	2,769	2,412	2,519
Tobacco - Dark Fire Cured		2,745	2,394		2,311	2,602	2,978	2,737
Total Acres Planted-Selected Crops								
Yellow Corn	1,184	1,113	1,046	465	300	678	1,880	1,059
Full Season Soybeans	829	298	775	533	229	391	869	576
Wheat	327	936	678	180	203	392	1,187	671
Double Crop Soybeans	326	984	678	137	209	413	1,234	713
Milo		118					118	118
White Corn	156	1,484			180	145	4,103	1,152
Barley		198			65	118	248	198
Tobacco - Burley	50	32	7	93	18	51	49	39
Tobacco - Dark Air Cured	12	23	2		9	11	35	20
Tobacco - Dark Fire Cured		59	17		61	25	83	56
Forages	52	86	0	0	53	59	105	80
Land Use %								
Yellow Corn	52.7%	44.8%	44.7%	41.9%	44.7%	48.5%	47.0%	47.0%
Full Season Soybeans	36.9%	9.9%	28.4%	42.7%	23.2%	26.8%	21.7%	22.7%
Wheat	9.7%	36.7%	26.9%	14.5%	27.1%	22.2%	26.5%	25.8%
Double Crop Soybeans	9.7%	38.6%	26.9%	6.8%	26.7%	21.0%	27.5%	26.3%
Milo		0.1%					0.1%	0.1%
White Corn	0.3%	4.6%			1.9%	0.4%	2.8%	2.3%
Barley		2.0%			0.7%	0.4%	1.2%	1.0%
Tobacco - Burley	0.3%	0.4%	0.0%	0.9%	0.6%	0.9%	0.2%	0.3%
Tobacco - Dark Air Cured	0.1%	0.3%	0.0%		0.3%	0.2%	0.2%	0.2%
Tobacco - Dark Fire Cured		0.7%	0.1%		1.0%	0.4%	0.3%	0.4%
Forages	0.1%	0.4%			0.6%	0.2%	0.2%	0.2%
Crop Value Per Acre								
Yellow Corn	852	882	882	860	793	817	894	871
Full Season Soybeans	746	718	569	756	681	760	690	704
Wheat	561	538	583	441	495	510	558	545
Double Crop Soybeans	666	694	624	457	664	621	687	676
Milo		525					525	525
White Corn	737	1,074			789	1,102	1,085	1,062
Barley		364			393	389	360	364
Tobacco - Burley	5,451	4,203	4,436	4,694	4,995	5,043	4,016	4,662
Tobacco - Dark Air Cured	7,008	5,772	2,003		6,601	6,642	5,493	5,895
Tobacco - Dark Fire Cured		7,138	6,505		6,131	6,780	7,695	7,123
Price Received - Old Crop								
Yellow Corn	7.01	6.90	6.96	6.93	6.99	6.90	6.96	6.95
Soybeans	14.59	14.78	13.66	14.79	14.67	14.56	14.52	14.54
Wheat	7.21	8.04	8.26	7.96	7.66	7.64	8.10	8.03
White Corn		6.83			6.96		6.83	6.83
Barley		4.25					4.25	4.25
Tobacco - Burley	2.01	2.34		2.02	2.01	2.19	2.11	2.11
Tobacco - Dark Air Cured	2.32	2.26	2.24		2.13	2.39	2.24	2.26
Tobacco - Dark Fire Cured		2.52	2.63		2.14	2.52	2.53	2.52
Price Received - New Crop								
Yellow Corn	4.74	4.94	5.02	5.02	4.55	4.61	4.99	4.90
Soybeans	12.95	12.92	12.62	12.47	13.03	12.53	12.88	12.80
Wheat	6.73	7.02	6.94	5.70	6.77	6.42	7.02	6.89
Milo		5.02					5.02	5.02
White Corn		6.47			6.47			6.47
Barley		4.30			4.20	4.16	4.32	4.30
Tobacco - Burley	2.05	2.06		2.06	2.04	2.06	2.05	2.06
Tobacco - Dark Air Cured	2.38	2.31			2.35	2.32	2.31	2.32
Tobacco - Dark Fire Cured		2.59	2.68		2.66	2.63	2.53	2.59

Table Ffa.1 - Economic Management Analysis per Operator Acre: All Kentucky Grain Farms by Area and Size - 2013

PRELIMINARY								
	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	44	84	16	20	53	45	66	164
Total Acres in Farm	2,315	2,572	2,647	1,829	723	1,548	4,377	2,420
Tillable Acres in Farm	2,170	2,369	2,564	1,753	627	1,424	4,140	2,259
Operator Tillable Acres	1,858	2,185	2,342	1,657	576	1,294	3,745	2,048
Percent Land Owned	25.2%	32.3%	30.8%	15.9%	37.6%	23.8%	28.9%	28.8%
Percent Land Crop Share	41.2%	22.2%	24.5%	14.9%	24.3%	28.8%	26.4%	26.6%
Percent Land Cash Rent	33.6%	45.5%	44.6%	69.2%	38.1%	47.4%	44.7%	44.6%
Months of Hired Labor	31.0	60.5	34.6	48.1	19.4	31.1	83.8	48.5
Months of Unpaid Labor	18.1	16.5	19.2	11.4	12.8	14.8	20.8	16.6
Total Months Labor	49.1	77.0	53.8	59.5	32.3	45.9	104.6	65.1
FARM RETURNS								
Crop Returns	853.82	969.89	882.60	735.83	830.06	835.82	935.74	908.82
Livestock Return Above Feed	17.36	6.95	27.74	14.23	33.34	18.41	8.56	12.52
Custom Work	6.57	8.89	22.95	13.29	12.85	5.68	11.11	10.33
Other Farm Receipts	3.80	27.88	14.92	18.32	20.04	17.96	19.97	19.63
Tobacco Returns	26.97	75.04	3.89	95.98	157.39	71.50	41.82	57.47
GROSS FARM RETURNS	908.52	1,088.65	952.09	877.65	1,053.68	949.37	1,017.21	1,008.77
FARM COSTS								
Soil Fertility	145.17	143.55	120.18	102.71	135.01	140.81	136.77	137.31
Pesticides	62.32	63.61	66.77	50.74	61.84	60.74	62.83	62.38
Seed	91.81	84.29	86.10	74.70	82.37	85.48	85.72	85.37
Crop Total	299.30	291.45	273.05	228.15	279.22	287.03	285.32	285.06
Utilities	7.01	10.30	9.72	7.68	16.67	9.63	8.15	9.18
Machine Repairs	37.36	37.84	33.02	37.67	57.29	39.57	34.12	37.17
Machine Hire & Lease	17.05	24.29	39.93	14.43	36.70	20.06	22.41	23.30
Fuel & Oil	34.50	41.23	34.03	34.20	39.13	35.69	38.53	38.09
Light Vehicle	0.07	0.01	0.04	0.42	0.23	0.22	0.01	0.07
Machine Depreciation	71.88	64.64	72.71	55.88	71.29	63.87	66.45	66.44
Power & Equip. Total	167.87	178.31	189.45	150.27	221.33	169.04	169.66	174.25
Drying	5.63	8.86	10.85	6.73	4.73	5.57	9.09	8.09
Storage	0.38	0.70	1.91	0.57	0.53	0.99	0.71	0.74
Building Repair & Rent	11.07	9.86	6.40	12.67	14.58	8.12	9.94	10.04
Building Depreciation	16.38	15.72	11.48	10.61	16.65	12.25	15.31	14.90
Building Total	33.46	35.13	30.64	30.58	36.49	26.93	35.06	33.78
Labor, Unpaid	23.02	18.77	20.85	18.35	56.73	28.16	13.53	20.00
Labor, Paid	37.32	70.00	42.73	69.33	81.22	53.42	57.49	58.94
Labor Total	60.34	88.77	63.58	87.68	137.94	81.59	71.02	78.94
Vet, Med, Livestock Supply	0.69	1.52	3.17	1.38	2.90	1.16	1.39	1.49
Insurance	30.17	34.27	37.21	40.08	39.76	30.96	34.24	34.17
Miscellaneous	8.76	10.93	12.15	17.19	12.90	9.18	11.40	11.15
Interest Charge - Nonland	59.55	60.51	50.56	49.21	60.55	54.62	58.55	58.05
Other Costs Total	99.17	107.22	103.09	107.87	116.11	95.92	105.58	104.87
Land Charge Total	174.34	211.15	156.00	152.85	185.98	166.35	196.46	190.29
TOTAL NON-FEED COSTS	834.48	912.04	815.80	757.40	977.07	826.86	863.09	867.18
Gain/loss Capital Sales	5.64	4.96	-1.06	6.20	10.00	4.60	3.90	4.58
MANAGEMENT RETURNS	79.68	181.57	135.22	126.46	86.62	127.11	158.02	146.17

Table Ffa.2 - Economic Management Analysis per Operator Acre: All Kentucky Grain Farms by Area and Size - 2013								
	Ohio Valley	Pennyroyal	Purchase	Central Ky	Kentucky	Kentucky	Kentucky	Kentucky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000-1999	2000+	All
Management Returns	All	All	All	All	All	All	All	All
Number of Farms	44	84	16	20	53	45	66	164
Crop Yields								
Yellow Corn	188	189	192	195	181	186	191	189
Full Season Soybeans	55	54	48	56	48	55	54	54
Wheat	83	80	84	79	79	79	82	81
Double Crop Soybeans	47	52	49	40	51	49	51	51
Milo		119					119	119
White Corn	150	190			160	180	192	189
Barley		86	106		95	93	85	86
Tobacco - Burley	2,560	2,149	2,143	1,675	2,450	2,293	1,767	2,051
Tobacco - Dark Air Cured	2,955	2,505	838		2,719	2,619	2,496	2,555
Tobacco - Dark Fire Cured		2,842	2,394		2,774	2,667	2,920	2,835
Total Acres Planted-Selected Crops								
Yellow Corn	1,093	1,052	1,022	699	276	617	1,855	1,015
Full Season Soybeans	817	326	729	680	210	366	903	554
Wheat	330	886	663	205	195	368	1,171	665
Double Crop Soybeans	321	939	669	193	195	393	1,231	701
Milo		126					126	126
White Corn	156	927			169	403	1,541	857
Barley		241	65		85	118	279	230
Tobacco - Burley	50	36	7	119	34	35	82	50
Tobacco - Dark Air Cured	9	17	2		8	8	24	15
Tobacco - Dark Fire Cured		44	17		53	20	61	43
Forages	86	381	517	240	221	586	355	377
Land Use %								
Yellow Corn	51.0%	42.4%	43.6%	44.1%	41.1%	43.5%	45.7%	44.9%
Full Season Soybeans	37.3%	11.8%	27.2%	40.7%	24.9%	25.8%	21.6%	22.6%
Wheat	10.0%	33.0%	26.5%	9.0%	22.5%	20.7%	25.3%	24.2%
Double Crop Soybeans	10.1%	34.9%	26.8%	6.7%	23.1%	20.1%	26.5%	25.1%
Milo		0.1%					0.1%	0.1%
White Corn	0.2%	4.8%			1.5%	1.9%	3.0%	2.7%
Barley		1.7%	0.2%		0.8%	0.2%	1.2%	1.0%
Tobacco - Burley	0.4%	0.5%	0.0%	2.3%	1.5%	0.7%	0.4%	0.6%
Tobacco - Dark Air Cured	0.1%	0.2%	0.0%		0.2%	0.2%	0.1%	0.1%
Tobacco - Dark Fire Cured		0.5%	0.0%		0.8%	0.3%	0.2%	0.3%
Forages	1.1%	4.9%	2.4%	3.9%	6.7%	6.7%	2.4%	3.6%
Crop Value Per Acre								
Yellow Corn	845	887	879	834	801	822	889	870
Full Season Soybeans	727	694	590	750	646	724	706	704
Wheat	572	555	580	455	514	511	570	556
Double Crop Soybeans	623	679	632	582	659	632	672	666
Milo		498					498	498
White Corn	737	1,014			818	880	1,041	1,009
Barley		364	419		397	389	361	365
Tobacco - Burley	5,261	4,452	4,436	4,455	5,164	4,819	4,241	4,594
Tobacco - Dark Air Cured	7,047	5,801	2,003		6,754	6,347	5,619	5,943
Tobacco - Dark Fire Cured		7,466	6,505		7,409	6,984	7,628	7,451
Price Received - Old Crop								
Yellow Corn	6.90	6.87	6.96	7.15	6.97	6.99	6.89	6.91
Soybeans	14.53	14.70	13.66	14.90	14.64	14.52	14.58	14.57
Wheat	7.21	7.91	8.26	7.99	7.75	7.71	7.95	7.91
Milo								
White Corn		7.22			6.96	8.07	7.11	7.22
Barley		4.24					4.24	4.24
Tobacco - Burley	2.00	2.09		2.02	2.03	2.19	2.04	2.05
Tobacco - Dark Air Cured	2.31	2.21	2.24		2.17	2.33	2.18	2.21
Tobacco - Dark Fire Cured		2.48	2.63		2.50	2.51	2.48	2.49
Price Received - New Crop								
Yellow Corn	4.65	4.87	4.94	4.77	4.64	4.51	4.90	4.82
Soybeans	12.85	12.77	12.69	12.85	13.14	12.51	12.86	12.81
Wheat	6.94	6.95	6.87	5.84	6.89	6.49	6.97	6.88
Milo		4.19					4.19	4.19
White Corn		6.12			5.85	4.79	6.90	6.12
Barley		4.25			4.15	4.16	4.26	4.25
Tobacco - Burley	2.05	2.06		2.11	2.07	2.09	2.07	2.07
Tobacco - Dark Air Cured	2.38	2.30			2.35	2.33	2.30	2.31
Tobacco - Dark Fire Cured		2.61	2.68		2.67	2.64	2.55	2.61

Table GG.1 - Economic Management Analysis per Operator Acre: Kentucky Grain Farms by Returns to Non-Feed Costs - 2013			
PRELIMINARY			
	Grain	Grain	Grain
Range in Size (Acres)	All	All	All
Management Returns	All	Lo 1/3	Hi 1/3
Number of Farms	164	54	54
Total Acres in Farm	2,420	1,908	3,127
Tillable Acres in Farm	2,259	1,722	2,943
Operator Tillable Acres	2,048	1,531	2,690
Percent Land Owned	28.8%	26.6%	35.7%
Percent Land Crop Share	26.6%	33.7%	23.5%
Percent Land Cash Rent	44.6%	39.7%	40.8%
Months of Hired Labor	48.5	35.1	65.1
Months of Unpaid Labor	16.6	15.1	17.5
Total Months Labor	65.1	50.2	82.7
FARM RETURNS			
Crop Returns	908.82	789.25	992.59
Livestock Return Above Feed	12.52	7.35	8.87
Custom Work	10.33	9.34	7.48
Other Farm Receipts	19.63	15.09	23.71
Tobacco Returns	57.47	46.69	66.90
GROSS FARM RETURNS	1,008.77	867.72	1,099.56
FARM COSTS			
Soil Fertility	137.31	146.57	131.63
Pesticides	62.38	66.20	60.31
Seed	85.37	88.72	83.30
Crop Total	285.06	301.49	275.25
Utilities	9.18	8.67	8.79
Machine Repairs	37.17	45.17	30.77
Machine Hire & Lease	23.30	20.55	19.98
Fuel & Oil	38.09	38.90	36.48
Light Vehicle	0.07	0.02	0.03
Machine Depreciation	66.44	75.38	60.07
Power & Equip. Total	174.25	188.70	156.12
Drying	8.09	7.29	8.09
Storage	0.74	0.34	0.86
Building Repair & Rent	10.04	10.27	9.84
Building Depreciation	14.90	16.97	13.96
Building Total	33.78	34.87	32.75
Labor, Unpaid	20.00	24.44	16.04
Labor, Paid	58.94	53.93	61.15
Labor Total	78.94	78.36	77.19
Vet, Med, Livestock Supply	1.49	1.33	1.63
Insurance	34.17	37.74	31.23
Miscellaneous	11.15	9.85	11.17
Interest Charge - Nonland	58.05	60.28	57.37
Other Costs Total	104.87	109.19	101.41
Land Charge Total	190.29	194.84	189.20
TOTAL NON-FEED COSTS	867.18	907.45	831.92
Gain/loss Capital Sales	4.58	5.94	4.95
MANAGEMENT RETURNS	146.17	(33.79)	272.59

**Table GG.2 - Economic Management Analysis per Operator Acre:
Kentucky Grain Farms by Returns to Non-Feed Costs - 2013**

	Grain	Grain	Grain
Range in Size (Acres)	All	All	All
Management Returns	All	Lo 1/3	Hi 1/3
Number of Farms	164	54	54
Crop Yields			
Yellow Corn	189	179	195
Full Season Soybeans	54	53	56
Wheat	81	72	83
Double Crop Soybeans	51	46	54
Milo	119	134	105
White Corn	189	177	193
Barley	86	86	80
Tobacco - Burley	2,051	1,996	2,016
Tobacco - Dark Air Cured	2,555	1,937	2,669
Tobacco - Dark Fire Cured	2,835	2,262	3,196
Total Acres Planted-Selected Crops			
Yellow Corn	1,015	817	1,287
Full Season Soybeans	554	579	519
Wheat	665	387	972
Double Crop Soybeans	701	410	1,024
Milo	126	134	118
White Corn	857	299	1,331
Barley	230	263	279
Tobacco - Burley	50	37	86
Tobacco - Dark Air Cured	15	11	20
Tobacco - Dark Fire Cured	43	39	46
Forages	377	278	400
Land Use %			
Yellow Corn	44.9%	45.6%	43.8%
Full Season Soybeans	22.6%	29.2%	16.6%
Wheat	24.2%	16.5%	30.5%
Double Crop Soybeans	25.1%	17.1%	31.4%
Milo	0.1%	0.1%	0.1%
White Corn	2.7%	1.6%	4.4%
Barley	1.0%	0.6%	1.1%
Tobacco - Burley	0.6%	0.5%	0.7%
Tobacco - Dark Air Cured	0.1%	0.1%	0.2%
Tobacco - Dark Fire Cured	0.3%	0.3%	0.3%
Forages	3.6%	5.4%	2.3%
Crop Value Per Acre			
Yellow Corn	870	787	922
Full Season Soybeans	704	690	749
Wheat	556	486	587
Double Crop Soybeans	666	585	701
Milo	498	470	525
White Corn	1,009	866	1,053
Barley	365	358	350
Tobacco - Burley	4,594	4,164	4,785
Tobacco - Dark Air Cured	5,943	4,270	6,241
Tobacco - Dark Fire Cured	7,451	5,952	8,324
Price Received - Old Crop			
Yellow Corn	6.91	6.77	6.95
Soybeans	14.57	14.56	14.69
Wheat	7.91	7.21	7.91
White Corn	7.22	7.92	7.08
Barley	4.24		4.22
Tobacco - Burley	2.05	2.01	2.06
Tobacco - Dark Air Cured	2.21	2.21	2.17
Tobacco - Dark Fire Cured	2.49	2.30	2.45
Price Received - New Crop			
Yellow Corn	4.82	4.58	5.02
Soybeans	12.81	12.94	12.62
Wheat	6.88	6.84	7.03
Milo	4.19	3.51	5.02
White Corn	6.12	4.97	7.86
Barley	4.25	4.18	4.33
Tobacco - Burley	2.07	2.06	2.08
Tobacco - Dark Air Cured	2.31	2.16	2.32
Tobacco - Dark Fire Cured	2.61	2.68	2.55

Table II.1 - Economic Management Analysis per Cow: Kentucky Dairy Farms by Size - 2013			PRELIMINARY
Range in Size (Acres)	All	Crop Yields	
Management Returns	All	Yellow Corn	179
Number of Farms	14	Full Season Soybeans	55
Total Acres in Farm	669	Wheat	73
Tillable Acres in Farm	518	Double Crop Soybeans	47
Operator Tillable Acres	512	Barley	62
Number of Cows	493	Tobacco - Burley	2,106
		Tobacco - Dark Air Cured	2,783
Percent Land Owned	13.6%	Total Acres Planted Per Farm	
Percent Land Crop Share	0.7%	Yellow Corn	116
Percent Land Cash Rent	5.0%	Full Season Soybeans	91
		Wheat	103
Months of Hired Labor	46.9	Double Crop Soybeans	136
Months of Unpaid Labor	17.5	Barley	127
Total Months Labor	64.4	Corn Silage	234
		Other Silage	96
FARM RETURNS		Hay	105
Crop Returns	776.53	Alfalfa	55
Livestock Return Above Feed	1,061.92	Total Forages	490
Custom Work	16.79	Tobacco - Burley	5
Other Farm Receipts	141.28	Tobacco - Dark Air Cured	6
Tobacco Returns	8.01	Land Use %	
GROSS FARM RETURNS	2,004.53	Yellow Corn	13.0%
FARM COSTS		Full Season Soybeans	4.6%
Soil Fertility	114.29	Wheat	5.3%
Pesticides	35.78	Double Crop Soybeans	6.9%
Seed	75.60	Barley	3.1%
Crop Total	225.67	Forages	73.8%
Utilities	86.31	Crop Value Per Acre	
Machine Repairs	106.82	Yellow Corn	769
Machine Hire & Lease	235.56	Full Season Soybeans	746
Fuel & Oil	96.79	Wheat	485
Light Vehicle	0.00	Double Crop Soybeans	576
Machine Depreciation	104.99	Barley	255
Power & Equip. Total	630.47	Tobacco - Burley	3,274
Drying	2.35	Tobacco - Dark Air Cured	6,481
Storage	5.09	Price Received - Old Crop	
Building Repair & Rent	30.09	Yellow Corn	3.87
Building Depreciation	34.51	Soybeans	14.48
Building Total	72.04	Tobacco - Burley	2.04
Labor, Unpaid	97.17	Price Received - New Crop	
Labor, Paid	248.28	Yellow Corn	4.13
Labor Total	345.45	Soybeans	12.85
Vet, Med, Livestock Supply	231.12	Wheat	6.67
Insurance	36.92	Tobacco - Dark Air Cured	2.10
Miscellaneous	23.83	Tobacco - Dark Fire Cured	2.27
Interest Charge - Nonland	159.72		
Other Costs Total	451.59		
Land Charge Total	189.19		
TOTAL NON-FEED COSTS	1,914.41		
Gain/loss Capital Sales	3.62		
MANAGEMENT RETURNS	93.74		

Table JJ.1 - Economic Management Analysis per Operator Acre: Pennyroyal Grain Farms by Size & Management - 2013									Preliminary
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	25	8	8	22	7	7	37	12	12
Total Acres in Farm	717	632	855	1,625	1,710	1,504	4,388	3,970	5,180
Tillable Acres in Farm	609	501	791	1,464	1,435	1,371	4,096	3,812	4,884
Operator Tillable Acres	572	491	709	1,319	1,308	1,232	3,790	3,407	4,544
Percent Land Owned	43.3%	43.0%	29.4%	25.9%	24.7%	24.9%	32.6%	21.4%	41.0%
Percent Land Crop Share	20.7%	6.6%	34.4%	31.1%	30.0%	32.4%	20.4%	29.4%	17.2%
Percent Land Cash Rent	36.0%	50.5%	36.3%	43.0%	45.3%	42.7%	47.0%	49.2%	41.8%
Months of Hired Labor	24.1	31.5	23.2	34.2	39.4	36.1	100.7	74.1	80.2
Months of Unpaid Labor	14.0	13.3	14.5	16.3	17.1	14.9	18.4	18.0	19.3
Total Months Labor	38.0	44.8	37.7	50.4	56.5	51.0	119.1	92.1	99.4
FARM RETURNS									
Crop Returns	884.35	726.38	1,053.27	853.15	706.19	994.63	1,002.78	846.16	1,121.22
Livestock Return Above Feed	6.24	-8.92	17.07	6.95	9.14	1.68	7.02	14.37	1.86
Custom Work	10.64	11.88	9.23	4.75	8.76	6.46	9.56	13.01	12.00
Other Farm Receipts	28.49	16.81	40.14	22.29	18.60	39.98	28.97	26.92	31.88
Tobacco Returns	210.96	290.08	204.32	83.08	82.72	144.08	59.52	25.58	24.71
GROSS FARM RETURNS	1,140.68	1,036.24	1,324.03	970.21	825.40	1,186.83	1,107.86	926.04	1,191.66
FARM COSTS									
Soil Fertility	139.90	143.98	139.34	143.80	135.47	159.73	143.87	144.12	142.57
Pesticides	68.37	61.09	75.55	57.81	59.62	53.28	64.33	63.44	58.53
Seed	83.30	64.64	90.00	76.32	72.18	77.55	86.04	87.64	85.20
Crop Total	291.57	269.70	304.89	277.93	267.26	290.56	294.24	295.20	286.30
Utilities	13.45	22.21	12.93	9.58	9.64	9.58	10.13	8.94	7.74
Machine Repairs	59.46	89.26	52.13	39.01	52.01	29.02	35.40	42.59	25.85
Machine Hire & Lease	45.52	31.67	40.94	20.36	20.48	19.86	22.95	29.27	21.32
Fuel & Oil	40.06	57.42	41.15	36.95	41.22	35.58	42.23	40.57	42.50
Light Vehicle	0.05	0.17	0.00	0.02	0.00	0.07	0.00	0.00	0.00
Machine Depreciation	77.26	89.32	83.45	66.43	74.66	66.30	62.99	66.20	60.18
Power & Equip. Total	235.80	290.05	230.60	172.35	198.01	160.43	173.69	187.57	157.60
Drying	3.28	2.43	3.63	5.79	5.66	4.91	10.07	12.07	10.82
Storage	0.71	2.21	0.25	1.42	0.38	4.29	0.54	0.66	0.61
Building Repair & Rent	13.31	16.83	12.47	6.31	8.41	5.41	10.24	6.13	7.15
Building Depreciation	15.66	24.19	13.39	9.90	10.05	10.72	16.93	15.31	17.03
Building Total	32.96	45.66	29.74	23.42	24.50	25.33	37.78	34.18	35.63
Labor, Unpaid	63.34	71.54	50.88	30.01	32.91	28.96	11.90	12.44	10.37
Labor, Paid	95.36	143.40	73.54	52.86	59.25	61.88	70.96	54.01	52.64
Labor Total	158.71	214.93	124.42	82.86	92.16	90.84	82.86	66.45	63.01
Vet, Med, Livestock Supply	1.50	3.52	0.17	1.09	1.61	0.41	1.61	1.68	1.89
Insurance	42.59	49.97	48.82	28.70	28.67	29.38	34.57	40.00	29.44
Miscellaneous	15.30	17.49	17.14	8.08	5.98	8.66	11.07	8.23	11.99
Interest Charge - Nonland	64.83	66.33	72.95	54.62	52.79	58.57	61.29	58.21	61.07
Other Costs Total	124.22	137.30	139.07	92.50	89.05	97.02	108.54	108.11	104.39
Land Charge Total	194.92	187.20	209.64	167.82	152.11	178.24	221.77	237.06	219.57
TOTAL NON-FEED COSTS	1,038.17	1,144.84	1,038.36	816.88	823.09	842.40	918.88	928.57	866.49
Gain/loss Capital Sales	9.87	9.68	12.44	7.77	6.06	8.91	3.88	5.09	4.06
MANAGEMENT RETURNS	112.39	(98.93)	298.12	161.09	8.37	353.34	192.86	2.55	329.23

Table JJ.2 - Economic Management Analysis per Operator Acre: Pennyroyal Grain Farms by Size & Management - 2013									
Range in Size (Acres)	0-999	0-999	0-999	1000-1999	1000-1999	1000-1999	2000+	2000+	2000+
Management Returns	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3	All	Lo 1/3	Hi 1/3
Number of Farms	25	8	8	22	7	7	37	12	12
Crop Yields									
Yellow Corn	186	172	203	183	164	189	190	181	199
Full Season Soybeans	56	54	62	54	50	59	54	51	57
Wheat	80	67	87	82	75	84	80	69	84
Double Crop Soybeans	52	50	54	51	50	53	52	45	56
Milo							119	134	105
White Corn	165	165		180	184	178	192	181	
Barley	95		100	93			85	88	80
Tobacco - Burley	2,314	1,752	3,233	2,363	1,948	2,655	2,047	1,432	2,689
Tobacco - Dark Air Cured	2,595	563	3,264	2,586	1,652	2,856	2,472	1,664	2,675
Tobacco - Dark Fire Cured	2,774	2,096	3,942	2,693	2,387	2,875	2,920	2,234	3,043
Total Acres Planted-Selected Crops									
Yellow Corn	271	221	376	600	566	626	1,814	1,731	2,441
Full Season Soybeans	117	52	134	218	280	120	485	814	218
Wheat	224	177	352	474	402	500	1,566	1,336	1,809
Double Crop Soybeans	236	168	361	491	432	516	1,666	1,549	1,929
Milo							126	134	118
White Corn	175	175		403	368	145	1,541	946	
Barley	85		55	118			301	303	347
Tobacco - Burley	21	23	42	23	16	45	56	38	168
Tobacco - Dark Air Cured	8	4	4	8	5	13	26	14	40
Tobacco - Dark Fire Cured	53	71	77	21	19	25	61	27	28
Forages	197	269	49	635	372	194	400	506	185
Land Use %									
Yellow Corn	40.1%	28.4%	47.9%	40.0%	40.1%	47.0%	43.1%	42.4%	52.6%
Full Season Soybeans	11.8%	6.7%	8.5%	14.6%	19.8%	7.7%	11.2%	19.9%	4.3%
Wheat	31.6%	27.4%	39.2%	28.6%	20.4%	37.5%	34.0%	23.8%	39.0%
Double Crop Soybeans	33.4%	26.0%	40.2%	29.6%	21.9%	38.8%	36.2%	27.6%	41.5%
Milo							0.2%	0.3%	0.2%
White Corn	2.4%	9.0%		3.8%	3.7%	1.6%	5.2%	4.2%	
Barley	1.7%		0.9%	0.4%			2.0%	2.7%	2.5%
Tobacco - Burley	1.1%	2.3%	0.7%	0.5%	0.7%	1.0%	0.4%	0.3%	0.3%
Tobacco - Dark Air Cured	0.3%	0.1%	0.1%	0.2%	0.1%	0.4%	0.2%	0.1%	0.1%
Tobacco - Dark Fire Cured	1.8%	3.6%	1.2%	0.6%	0.7%	0.8%	0.4%	0.2%	0.1%
Forages	9.2%	22.4%	1.5%	11.4%	14.5%	4.0%	3.1%	6.1%	1.0%
Crop Value Per Acre									
Yellow Corn	847	791	930	801	688	856	908	853	984
Full Season Soybeans	744	687	869	690	678	748	689	663	749
Wheat	519	426	571	533	435	570	563	475	619
Double Crop Soybeans	681	637	689	653	626	700	683	585	723
Milo							498	470	525
White Corn	856	856		880	822	1,102	1,041	917	
Barley	397		424	389			359	361	355
Tobacco - Burley	4,767	3,675	6,671	4,888	4,061	5,470	4,250	2,967	5,533
Tobacco - Dark Air Cured	6,553	2,245	14,857	6,331	3,544	6,891	5,556	3,406	6,144
Tobacco - Dark Fire Cured	7,409	5,637	10,643	7,030	6,301	7,367	7,628	5,692	7,675
Price Received - Old Crop									
Yellow Corn	7.02	7.59	6.86	6.89	6.81	6.66	6.85	7.13	6.99
Soybeans	14.95	15.47	15.70	14.44	14.19	14.92	14.76	15.13	14.68
Wheat	7.72		7.73	7.77	7.17	8.09	7.94	8.21	7.70
White Corn	6.96	6.96		8.07			7.11	7.97	
Barley							4.24	4.25	4.22
Tobacco - Burley	2.29	2.00	11,754.00	2.34	2,858.00	2.28	2.06	1.98	2.34
Tobacco - Dark Air Cured	2.13		2.34	2.34	1.92	2.39	2.18	2.31	
Tobacco - Dark Fire Cured	2.50	2.04	2.59	2.49	2.57	2.49	2.48	2.23	
Price Received - New Crop									
Yellow Corn	4.80	4.76	4.80	4.32	4.08	4.54	4.96	4.83	5.31
Soybeans	12.86	12.53	13.25	12.33	12.81	12.47	12.88	13.26	12.54
Wheat	6.98	6.52	7.46	6.55	6.15	6.94	7.05	7.04	7.08
Milo							4.19	3.51	5.02
White Corn	5.85	5.85		4.79	4.49		6.90	5.22	
Barley	4.15		4.25	4.16			4.26	4.19	4.35
Tobacco - Burley	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.10	2.06
Tobacco - Dark Air Cured	2.33	2.35		2.29	2.32	2.27	2.29	0.93	2.30
Tobacco - Dark Fire Cured	2.67	2.70	2.69	2.64	2.66	2.61	2.55	2.63	2.52

Table KK.1 - Economic Management Analysis per Operator Acre: Pennyroyal Grain Farms by Size & Management - 2013						PRELIMINARY
Range in Size (Acres)	All	0-999	1000-1999	2000-2999	3000-4100	4101+
Management Returns	All	All	All	All	All	All
Number of Farms	84	25	22	15	13	9
Total Acres in Farm	2,572	717	1,625	2,698	3,755	8,120
Tillable Acres in Farm	2,369	609	1,464	2,552	3,539	7,475
Operator Tillable Acres	2,185	572	1,319	2,306	3,118	7,236
Percent Land Owned	32.3%	43.3%	25.9%	23.9%	25.7%	42.2%
Percent Land Crop Share	22.2%	20.7%	31.1%	30.6%	27.0%	10.0%
Percent Land Cash Rent	45.5%	36.0%	43.0%	45.4%	47.2%	47.7%
Months of Hired Labor	60.5	24.1	34.2	104.5	55.3	160.0
Months of Unpaid Labor	16.5	14.0	16.3	17.9	18.5	18.9
Total Months Labor	77.0	38.0	50.4	122.5	73.8	178.9
FARM RETURNS						
Crop Returns	969.89	884.35	853.15	948.26	970.49	1,051.83
Livestock Return Above Feed	6.95	6.24	6.95	8.62	6.73	6.34
Custom Work	8.89	10.64	4.75	12.36	4.89	10.99
Other Farm Receipts	27.88	28.49	22.29	24.69	23.71	34.53
Tobacco Returns	75.04	210.96	83.08	136.89	13.48	47.10
GROSS FARM RETURNS	1,088.65	1,140.68	970.21	1,130.81	1,019.30	1,150.79
FARM COSTS						
Soil Fertility	143.55	139.90	143.80	141.03	139.39	148.17
Pesticides	63.61	68.37	57.81	65.47	53.71	70.33
Seed	84.29	83.30	76.32	86.75	79.47	89.76
Crop Total	291.45	291.57	277.93	293.24	272.57	308.25
Utilities	10.30	13.45	9.58	11.99	9.04	9.82
Machine Repairs	37.84	59.46	39.01	41.42	30.40	35.31
Machine Hire & Lease	24.29	45.52	20.36	17.01	20.51	27.61
Fuel & Oil	41.23	40.06	36.95	48.49	32.00	45.27
Light Vehicle	0.01	0.05	0.02	0.00	0.00	0.00
Machine Depreciation	64.64	77.26	66.43	71.67	61.86	59.08
Power & Equip. Total	178.31	235.80	172.35	190.57	153.81	177.10
Drying	8.86	3.28	5.79	10.04	9.31	10.55
Storage	0.70	0.71	1.42	0.42	1.35	0.11
Building Repair & Rent	9.86	13.31	6.31	6.77	16.92	7.93
Building Depreciation	15.72	15.66	9.90	19.94	12.42	18.14
Building Total	35.13	32.96	23.42	37.17	40.00	36.73
Labor, Unpaid	18.77	63.34	30.01	19.34	13.88	6.72
Labor, Paid	70.00	95.36	52.86	107.02	45.74	67.51
Labor Total	88.77	158.71	82.86	126.36	59.62	74.23
Vet, Med, Livestock Supply	1.52	1.50	1.09	1.34	1.16	2.03
Insurance	34.27	42.59	28.70	45.46	28.28	32.70
Miscellaneous	10.93	15.30	8.08	11.09	12.69	10.05
Interest Charge - Nonland	60.51	64.83	54.62	69.08	56.26	60.29
Other Costs Total	107.22	124.22	92.50	126.97	98.40	105.06
Land Charge Total	211.15	194.92	167.82	209.63	221.80	228.20
TOTAL NON-FEED COSTS	912.04	1,038.17	816.88	983.94	846.20	929.57
Gain/loss Capital Sales	4.96	9.87	7.77	2.36	6.97	2.77
MANAGEMENT RETURNS	181.57	112.39	161.09	149.22	180.07	223.99

Table KK.2 - Economic Management Analysis per Operator Acre: Pennyroyal Grain Farms by Size & Management - 2013						
Range in Size (Acres)	All	0-999	1000-1999	2000-2999	3000-4100	4101+
Management Returns	All	All	All	All	All	All
Number of Farms	84	25	22	15	13	9
Crop Yields						
Yellow Corn	189	186	183	191	185	193
Full Season Soybeans	54	56	54	54	53	55
Wheat	80	80	82	79	86	77
Double Crop Soybeans	52	52	51	48	54	52
Milo	119			105	134	
White Corn	190	165	180	184	192	195
Barley	86	95	93	108	82	78
Tobacco - Burley	2,149	2,314	2,363	1,844		2,360
Tobacco - Dark Air Cured	2,505	2,595	2,586	2,670	2,465	2,287
Tobacco - Dark Fire Cured	2,842	2,774	2,693	2,924	3,274	2,880
Total Acres Planted-Selected Crops						
Yellow Corn	1,052	271	600	1,080	1,476	3,649
Full Season Soybeans	326	117	218	549	426	477
Wheat	886	224	474	940	1,170	3,098
Double Crop Soybeans	939	236	491	973	1,324	3,217
Milo	126			118	134	
White Corn	927	175	403	696	1,106	4,103
Barley	241	85	118	221	313	334
Tobacco - Burley	36	21	23	52		62
Tobacco - Dark Air Cured	17	8	8	15	75	29
Tobacco - Dark Fire Cured	44	53	21	71	19	57
Forages	381	197	635	201	350	408
Land Use %						
Yellow Corn	42.4%	40.1%	40.0%	40.1%	43.1%	44.9%
Full Season Soybeans	11.8%	11.8%	14.6%	18.9%	12.4%	5.9%
Wheat	33.0%	31.6%	28.6%	29.9%	31.6%	38.1%
Double Crop Soybeans	34.9%	33.4%	29.6%	31.0%	35.7%	39.6%
Milo	0.1%			0.3%	0.3%	
White Corn	4.8%	2.4%	3.8%	3.7%	5.0%	6.3%
Barley	1.7%	1.7%	0.4%	1.2%	3.5%	1.5%
Tobacco - Burley	0.5%	1.1%	0.5%	1.0%		0.4%
Tobacco - Dark Air Cured	0.2%	0.3%	0.2%	0.2%	0.2%	0.2%
Tobacco - Dark Fire Cured	0.5%	1.8%	0.6%	0.9%	0.0%	0.4%
Forages	4.9%	9.2%	11.4%	3.7%	3.9%	2.3%
Crop Value Per Acre						
Yellow Corn	887	847	801	875	862	951
Full Season Soybeans	694	744	690	709	680	665
Wheat	555	519	533	540	595	557
Double Crop Soybeans	679	681	653	632	714	688
Milo	498			525	470	
White Corn	1,014	856	880	927	1,020	1,085
Barley	364	397	389	438	364	321
Tobacco - Burley	4,452	4,767	4,888	3,854		4,863
Tobacco - Dark Air Cured	5,801	6,553	6,331	5,852	5,715	5,149
Tobacco - Dark Fire Cured	7,466	7,409	7,030	7,867	7,501	7,212
Price Received - Old Crop						
Yellow Corn	6.87	7.02	6.89	6.80	6.83	6.91
Soybeans	14.70	14.95	14.44	14.76	15.05	13.52
Wheat	7.91	7.72	7.77	7.55	8.13	7.99
Milo						
White Corn	7.22	6.96	8.07	8.01	7.72	6.83
Barley	4.24			4.25	4.22	
Tobacco - Burley	2.09	2.29	2.34	2.02		2.18
Tobacco - Dark Air Cured	2.21	2.13	2.34	2.17	1.17	2.24
Tobacco - Dark Fire Cured	2.48	2.50	2.49	2.50		2.42
Price Received - New Crop						
Yellow Corn	4.87	4.80	4.32	4.70	5.10	4.98
Soybeans	12.77	12.86	12.33	13.29	11.83	12.97
Wheat	6.95	6.98	6.55	7.16	7.07	6.95
Milo	4.19			5.02	3.51	
White Corn	6.12	5.85	4.79	4.98	7.73	
Barley	4.25	4.15	4.16	4.22	4.35	4.15
Tobacco - Burley	2.06	2.06	2.06	2.05		2.06
Tobacco - Dark Air Cured	2.30	2.33	2.29	2.30	2.34	2.22
Tobacco - Dark Fire Cured	2.61	2.67	2.64	2.67	2.43	2.46

Table LL.1 - Economic Management Analysis per Operator Acre:				
Ohio Valley Grain Farms by Size & Management - 2013				PRELIMINARY
Range in Size (Acres)	0-999	1000+	1000+	1000+
Management Returns	All	All	Lo 1/3	Hi 1/3
Number of Farms	13	31	10	10
Total Acres in Farm	767	2,964	2,931	2,974
Tillable Acres in Farm	652	2,806	2,702	2,906
Operator Tillable Acres	555	2,404	2,360	2,397
Percent Land Owned	28.8%	24.8%	26.3%	26.0%
Percent Land Crop Share	40.4%	41.3%	38.9%	47.2%
Percent Land Cash Rent	30.8%	33.9%	34.7%	26.8%
Months of Hired Labor	13.3	38.4	36.4	33.1
Months of Unpaid Labor	12.0	20.7	21.3	20.5
Total Months Labor	25.4	59.1	57.7	53.6
FARM RETURNS				
Crop Returns	700.34	868.68	850.34	885.57
Livestock Return Above Feed	7.34	18.33	3.90	22.34
Custom Work	8.19	6.41	4.79	4.97
Other Farm Receipts	5.53	3.63	2.06	2.58
Tobacco Returns	129.62	17.03	25.75	1.49
GROSS FARM RETURNS	851.02	914.09	886.84	916.95
FARM COSTS				
Soil Fertility	128.96	146.74	170.10	123.66
Pesticides	43.51	64.15	74.18	49.67
Seed	87.38	92.23	96.72	90.79
Crop Total	259.85	303.12	341.00	264.12
Utilities	9.32	6.79	4.89	6.02
Machine Repairs	54.58	35.69	41.88	26.92
Machine Hire & Lease	8.10	17.91	19.88	11.02
Fuel & Oil	34.57	34.49	37.81	27.57
Light Vehicle	0.43	0.04	0.00	0.12
Machine Depreciation	48.35	74.16	86.79	58.03
Power & Equip. Total	155.33	169.09	191.26	129.66
Drying	4.26	5.76	8.09	4.16
Storage	0.81	0.34	0.00	0.69
Building Repair & Rent	14.91	10.70	12.49	5.46
Building Depreciation	8.95	17.11	23.28	13.64
Building Total	28.92	33.90	43.86	23.94
Labor, Unpaid	50.94	20.32	21.88	19.38
Labor, Paid	44.09	36.66	35.26	29.53
Labor Total	95.03	56.98	57.14	48.91
Vet, Med, Livestock Supply	1.22	0.64	0.81	0.72
Insurance	29.48	30.23	30.48	22.13
Miscellaneous	10.30	8.61	10.67	6.92
Interest Charge - Nonland	47.94	60.67	67.35	54.44
Other Costs Total	88.94	100.16	109.31	84.21
Land Charge Total	172.90	174.48	188.36	159.26
TOTAL NON-FEED COSTS	800.98	837.72	930.93	710.10
Gain/loss Capital Sales	6.05	5.59	3.41	4.64
MANAGEMENT RETURNS	56.10	81.96	(40.69)	211.49

Table LL.2 - Economic Management Analysis per Operator Acre: Ohio Valley Grain Farms by Size & Management - 2013				
Range in Size (Acres)	0-999	1000+	1000+	1000+
Management Returns	All	All	Lo 1/3	Hi 1/3
Number of Farms	13	31	10	10
Crop Yields				
Yellow Corn	172	189	187	186
Full Season Soybeans	47	56	54	56
Wheat	74	84	79	88
Double Crop Soybeans	52	47	45	50
White Corn	150			
Tobacco - Burley	2,744	2,429	2,483	3,000
Tobacco - Dark Air Cured	3,010	2,929	2,822	3,183
Tobacco - Dark Fire Cured				
Total Acres Planted-Selected Crops				
Yellow Corn	281	1,408	1,412	1,401
Full Season Soybeans	307	1,022	852	1,259
Wheat	98	393	461	329
Double Crop Soybeans	86	396	469	329
White Corn	156			
Tobacco - Burley	48	51	96	2
Tobacco - Dark Air Cured	9	9	17	3
Forages	46	100	130	37
Land Use %				
Yellow Corn	41.0%	52.0%	53.2%	50.1%
Full Season Soybeans	44.7%	36.5%	28.9%	45.0%
Wheat	7.2%	10.3%	15.6%	4.7%
Double Crop Soybeans	7.3%	10.4%	15.9%	4.7%
White Corn	1.9%			
Tobacco - Burley	1.7%	0.2%	0.4%	0.0%
Tobacco - Dark Air Cured	0.2%	0.0%	0.1%	0.0%
Forages	3.3%	0.9%	1.9%	0.2%
Crop Value Per Acre				
Yellow Corn	759	852	823	896
Full Season Soybeans	621	740	699	764
Wheat	514	576	543	601
Double Crop Soybeans	665	621	582	669
White Corn	737			
Tobacco - Burley	5,643	4,992	5,145	6,448
Tobacco - Dark Air Cured	7,226	6,963	6,690	7,584
Price Received - Old Crop				
Yellow Corn	6.72	6.91	6.44	7.06
Soybeans	14.31	14.54	13.94	14.75
Wheat		7.21	7.22	
Tobacco - Burley	2.00	2.01	2.07	
Tobacco - Dark Air Cured	2.33	2.30		2.20
Price Received - New Crop				
Yellow Corn	4.43	4.68	4.54	5.30
Soybeans	13.29	12.82	12.86	12.98
Wheat	7.13	6.93	7.00	7.05
Tobacco - Burley	2.06	2.05	2.05	2.09
Tobacco - Dark Air Cured	2.39	2.38	2.37	2.39

Table MM.1 - Economic Management Analysis per Operator Acre:							
Ohio Valley Grain Farms by Size - 2013							PRELIMINARY
	Kentucky	Ohio Valley	Kentucky	Ohio Valley	Ohio Valley	Ohio Valley	
			Grain	Grain	Grain	Grain	
Range in Size (Acres)	All	All	All	All	0-999	1000+	
Management Returns	All	All	All	All	All	All	
Number of Farms	196	44	164	44	13	31	
Total Acres in Farm	2,157	2,315	2,420	2,315	767	2,964	
Tillable Acres in Farm	1,972	2,170	2,259	2,170	652	2,806	
Operator Tillable Acres	1,791	1,858	2,048	1,858	555	2,404	
Percent Land Owned	29.6%	25.2%	28.8%	25.2%	28.8%	24.8%	
Percent Land Crop Share	26.1%	41.2%	26.6%	41.2%	40.4%	41.3%	
Percent Land Cash Rent	44.3%	33.6%	44.6%	33.6%	30.8%	33.9%	
Months of Hired Labor	45.3	31.0	48.5	31.0	13.3	38.4	
Months of Unpaid Labor	16.1	18.1	16.6	18.1	12.0	20.7	
Total Months Labor	61.5	49.1	65.1	49.1	25.4	59.1	
FARM RETURNS							
Crop Returns	894.50	853.82	908.82	853.82	700.34	868.68	
Livestock Return Above Feed	38.29	17.36	12.52	17.36	7.34	18.33	
Custom Work	10.41	6.57	10.33	6.57	8.19	6.41	
Other Farm Receipts	22.88	3.80	19.63	3.80	5.53	3.63	
Tobacco Returns	56.29	26.97	57.47	26.97	129.62	17.03	
GROSS FARM RETURNS	1,022.36	908.52	1,008.77	908.52	851.02	914.09	
FARM COSTS							
Soil Fertility	135.26	145.17	137.31	145.17	128.96	146.74	
Pesticides	61.05	62.32	62.38	62.32	43.51	64.15	
Seed	84.03	91.81	85.37	91.81	87.38	92.23	
Crop Total	280.34	299.30	285.06	299.30	259.85	303.12	
Utilities	10.97	7.01	9.18	7.01	9.32	6.79	
Machine Repairs	38.45	37.36	37.17	37.36	54.58	35.69	
Machine Hire & Lease	27.83	17.05	23.30	17.05	8.10	17.91	
Fuel & Oil	39.22	34.50	38.09	34.50	34.57	34.49	
Light Vehicle	0.07	0.07	0.07	0.07	0.43	0.04	
Machine Depreciation	66.88	71.88	66.44	71.88	48.35	74.16	
Power & Equip. Total	183.42	167.87	174.25	167.87	155.33	169.09	
Drying	7.82	5.63	8.09	5.63	4.26	5.76	
Storage	0.82	0.38	0.74	0.38	0.81	0.34	
Building Repair & Rent	10.62	11.07	10.04	11.07	14.91	10.70	
Building Depreciation	15.19	16.38	14.90	16.38	8.95	17.11	
Building Total	34.45	33.46	33.78	33.46	28.92	33.90	
Labor, Unpaid	22.50	23.02	20.00	23.02	50.94	20.32	
Labor, Paid	63.34	37.32	58.94	37.32	44.09	36.66	
Labor Total	85.84	60.34	78.94	60.34	95.03	56.98	
Vet, Med, Livestock Supply	6.63	0.69	1.49	0.69	1.22	0.64	
Insurance	33.86	30.17	34.17	30.17	29.48	30.23	
Miscellaneous	11.29	8.76	11.15	8.76	10.30	8.61	
Interest Charge - Nonland	60.06	59.55	58.05	59.55	47.94	60.67	
Other Costs Total	111.85	99.17	104.87	99.17	88.94	100.16	
Land Charge Total	189.82	174.34	190.29	174.34	172.90	174.48	
TOTAL NON-FEED COSTS	885.71	834.48	867.18	834.48	800.98	837.72	
Gain/loss Capital Sales	4.45	5.64	4.58	5.64	6.05	5.59	
MANAGEMENT RETURNS	141.10	79.68	146.17	79.68	56.10	81.96	

Table MM.2 - Economic Management Analysis per Operator Acre: Ohio Valley Grain Farms by Size - 2013						
	Kentucky	Ohio Valley	Kentucky	Ohio Valley	Ohio Valley	Ohio Valley
			Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-999	1000+
Management Returns	All	All	All	All	All	All
Number of Farms	196	44	164	44	13	31
Crop Yields						
Yellow Corn	189	188	189	188	172	189
Full Season Soybeans	54	55	54	55	47	56
Wheat	81	83	81	83	74	84
Double Crop Soybeans	51	47	51	47	52	47
White Corn	189	150	189	150	150	
Tobacco - Burley	2,072	2,560	2,051	2,560	2,744	2,429
Tobacco - Dark Air Cured	2,557	2,955	2,555	2,955	3,010	2,929
Tobacco - Dark Fire Cured	2,834		2,835			
Total Acres Planted-Selected Crops						
Yellow Corn	911	1,093	1,015	1,093	281	1,408
Full Season Soybeans	525	817	554	817	307	1,022
Wheat	621	330	665	330	98	393
Double Crop Soybeans	658	321	701	321	86	396
White Corn	857	156	857	156	156	
Tobacco - Burley	48	50	50	50	48	51
Tobacco - Dark Air Cured	14	9	15	9	9	9
Tobacco - Dark Fire Cured	41		43			
Forages	470	86	377	86	46	100
Land Use %						
Yellow Corn	43.7%	51.0%	44.9%	51.0%	41.0%	52.0%
Full Season Soybeans	21.9%	37.3%	22.6%	37.3%	44.7%	36.5%
Wheat	23.6%	10.0%	24.2%	10.0%	7.2%	10.3%
Double Crop Soybeans	24.5%	10.1%	25.1%	10.1%	7.3%	10.4%
White Corn	2.5%	0.2%	2.7%	0.2%	1.9%	
Tobacco - Burley	0.6%	0.4%	0.6%	0.4%	1.7%	0.2%
Tobacco - Dark Air Cured	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%
Forages	6.1%	1.1%	3.6%	1.1%	3.3%	0.9%
Crop Value Per Acre						
Yellow Corn	867	845	870	845	759	852
Full Season Soybeans	703	727	704	727	621	740
Wheat	555	572	556	572	514	576
Double Crop Soybeans	663	623	666	623	665	621
White Corn	1,009	737	1,009	737	737	
Tobacco - Burley	4,622	5,261	4,594	5,261	5,643	4,992
Tobacco - Dark Air Cured	5,952	7,047	5,943	7,047	7,226	6,963
Tobacco - Dark Fire Cured	7,449		7,451			
Price Received - Old Crop						
Yellow Corn	6.91	6.90	6.91	6.90	6.72	6.91
Soybeans	14.57	14.53	14.57	14.53	14.31	14.54
Wheat	7.91	7.21	7.91	7.21		7.21
White Corn	7.22		7.22			
Tobacco - Burley	2.05	2.00	2.05	2.00	2.00	2.01
Tobacco - Dark Air Cured	2.21	2.31	2.21	2.31	2.33	2.30
Tobacco - Dark Fire Cured	2.49		2.49			
Price Received - New Crop						
Yellow Corn	4.81	4.65	4.82	4.65	4.43	4.68
Soybeans	12.81	12.85	12.81	12.85	13.29	12.82
Wheat	6.88	6.94	6.88	6.94	7.13	6.93
White Corn	6.12		6.12			
Tobacco - Burley	2.08	2.05	2.07	2.05	2.06	2.05
Tobacco - Dark Air Cured	2.31	2.38	2.31	2.38	2.39	2.38
Tobacco - Dark Fire Cured	2.61		2.61			

Table NN.1 - Economic Management Analysis per Operator Acre: Purchase & Central Kentucky Grain Farms by Size - 2013									
PRELIMINARY									
	Kentucky	Kentucky	Kentucky	Purchase	Purchase	Purchase	Central Ky	Central Ky	Central Ky
	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
Range in Size (Acres)	0-999	1000-1999	2000+	All	0-1499	1500+	All	0-1199	1200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	53	45	66	16	8	8	20	11	9
Total Acres in Farm	723	1,548	4,377	2,647	840	4,454	1,829	751	3,147
Tillable Acres in Farm	627	1,424	4,140	2,564	821	4,308	1,753	679	3,065
Operator Tillable Acres	576	1,294	3,745	2,342	773	3,912	1,657	659	2,877
Percent Land Owned	37.6%	23.8%	28.9%	30.8%	35.7%	29.9%	15.9%	25.6%	13.3%
Percent Land Crop Share	24.3%	28.8%	26.4%	24.5%	19.1%	25.6%	14.9%	7.9%	16.8%
Percent Land Cash Rent	38.1%	47.4%	44.7%	44.6%	45.2%	44.5%	69.2%	66.5%	69.9%
Months of Hired Labor	19.4	31.1	83.8	34.6	14.6	54.7	48.1	20.1	82.5
Months of Unpaid Labor	12.8	14.8	20.8	19.2	12.1	26.3	11.4	10.6	12.3
Total Months Labor	32.3	45.9	104.6	53.8	26.7	80.9	59.5	30.7	94.8
FARM RETURNS									
Crop Returns	830.06	835.82	935.74	882.60	835.87	891.83	735.83	811.67	714.61
Livestock Return Above Feed	33.34	18.41	8.56	27.74	131.19	7.29	14.23	8.94	15.71
Custom Work	12.85	5.68	11.11	22.95	2.13	27.07	13.29	23.90	10.32
Other Farm Receipts	20.04	17.96	19.97	14.92	17.05	14.50	18.32	32.51	14.35
Tobacco Returns	157.39	71.50	41.82	3.89	23.55	0.00	95.98	118.02	89.81
GROSS FARM RETURNS	1,053.68	949.37	1,017.21	952.09	1,009.78	940.69	877.65	995.04	844.80
FARM COSTS									
Soil Fertility	135.01	140.81	136.77	120.18	138.44	116.57	102.71	107.27	101.43
Pesticides	61.84	60.74	62.83	66.77	74.73	65.20	50.74	42.83	52.96
Seed	82.37	85.48	85.72	86.10	80.05	87.29	74.70	71.71	75.53
Crop Total	279.22	287.03	285.32	273.05	293.22	269.06	228.15	221.81	229.92
Utilities	16.67	9.63	8.15	9.72	33.67	4.99	7.68	9.86	7.06
Machine Repairs	57.29	39.57	34.12	33.02	48.63	29.93	37.67	64.17	30.25
Machine Hire & Lease	36.70	20.06	22.41	39.93	58.08	36.35	14.43	18.58	13.26
Fuel & Oil	39.13	35.69	38.53	34.03	32.06	34.42	34.20	36.53	33.54
Light Vehicle	0.23	0.22	0.01	0.04	0.00	0.04	0.42	1.90	0.00
Machine Depreciation	71.29	63.87	66.45	72.71	78.54	71.55	55.88	62.74	53.97
Power & Equip. Total	221.33	169.04	169.66	189.45	250.98	177.28	150.27	193.79	138.09
Drying	4.73	5.57	9.09	10.85	4.38	12.13	6.73	8.30	6.29
Storage	0.53	0.99	0.71	1.91	0.01	2.29	0.57	0.02	0.72
Building Repair & Rent	14.58	8.12	9.94	6.40	15.40	4.63	12.67	17.62	11.29
Building Depreciation	16.65	12.25	15.31	11.48	26.47	8.52	10.61	14.76	9.45
Building Total	36.49	26.93	35.06	30.64	46.25	27.56	30.58	40.70	27.75
Labor, Unpaid	56.73	28.16	13.53	20.85	41.13	16.84	18.35	42.91	11.47
Labor, Paid	81.22	53.42	57.49	42.73	50.78	41.14	69.33	91.33	63.18
Labor Total	137.94	81.59	71.02	63.58	91.91	57.98	87.68	134.24	74.65
Vet, Med, Livestock Supply	2.90	1.16	1.39	3.17	6.69	2.47	1.38	2.37	1.10
Insurance	39.76	30.96	34.24	37.21	45.07	35.66	40.08	31.55	42.47
Miscellaneous	12.90	9.18	11.40	12.15	15.91	11.40	17.19	7.55	19.89
Interest Charge - Nonland	60.55	54.62	58.55	50.56	60.28	48.64	49.21	55.08	47.57
Other Costs Total	116.11	95.92	105.58	103.09	127.95	98.17	107.87	96.55	111.03
Land Charge Total	185.98	166.35	196.46	156.00	155.62	156.07	152.85	196.55	140.63
TOTAL NON-FEED COSTS	977.07	826.86	863.09	815.80	965.94	786.13	757.40	883.64	722.07
Gain/loss Capital Sales	10.00	4.60	3.90	-1.06	12.08	-3.66	6.20	8.91	5.45
MANAGEMENT RETURNS	86.62	127.11	158.02	135.22	55.93	150.90	126.46	120.31	128.18

Table NN.2 - Economic Management Analysis per Operator Acre: Purchase & Central Kentucky Grain Farms by Size - 2013									
	Kentucky Grain	Kentucky Grain	Kentucky Grain	Purchase Grain	Purchase Grain	Purchase Grain	Central Ky Grain	Central Ky Grain	Central Ky Grain
Range in Size (Acres)	0-999	1000-1999	2000+	All	0-1499	1500+	All	0-1199	1200+
Management Returns	All	All	All	All	All	All	All	All	All
Number of Farms	53	45	66	16	8	8	20	11	9
Crop Yields									
Yellow Corn	181	186	191	192	174	197	195	189	196
Full Season Soybeans	48	55	54	48	44	48	56	53	57
Wheat	79	79	82	84	74	87	79	82	78
Double Crop Soybeans	51	49	51	49	44	51	40	52	34
White Corn	160	180	192						
Barley	95	93	85	106		106			
Tobacco - Burley	2,450	2,293	1,767	2,143	2,143		1,675	2,334	1,476
Tobacco - Dark Air Cured	2,719	2,619	2,496	838	838				
Tobacco - Dark Fire Cured	2,774	2,667	2,920	2,394	2,394				
Total Acres Planted-Selected Crops									
Yellow Corn	276	617	1,855	1,022	372	1,672	699	273	1,220
Full Season Soybeans	210	366	903	729	225	1,107	680	288	1,115
Wheat	195	368	1,171	663	279	999	205	118	292
Double Crop Soybeans	195	393	1,231	669	278	1,011	193	109	339
White Corn	169	403	1,541						
Barley	85	118	279	65		65			
Tobacco - Burley	34	35	82	7	7		119	55	183
Tobacco - Dark Air Cured	8	8	24	2	2				
Tobacco - Dark Fire Cured	53	20	61	17	17				
Forages	221	586	355	517	0	517	240	180	192
Land Use %									
Yellow Corn	41.1%	43.5%	45.7%	43.6%	47.2%	42.9%	44.1%	40.3%	45.2%
Full Season Soybeans	24.9%	25.8%	21.6%	27.2%	21.4%	28.4%	40.7%	38.7%	41.3%
Wheat	22.5%	20.7%	25.3%	26.5%	31.0%	25.6%	9.0%	11.1%	8.4%
Double Crop Soybeans	23.1%	20.1%	26.5%	26.8%	30.9%	25.9%	6.7%	10.3%	5.6%
White Corn	1.5%	1.9%	3.0%						
Barley	0.8%	0.2%	1.2%	0.2%		0.2%			
Tobacco - Burley	1.5%	0.7%	0.4%	0.0%	0.1%		2.3%	2.2%	2.3%
Tobacco - Dark Air Cured	0.2%	0.2%	0.1%	0.0%	0.0%				
Tobacco - Dark Fire Cured	0.8%	0.3%	0.2%	0.0%	0.3%				
Forages	6.7%	6.7%	2.4%	2.4%		2.8%	3.9%	7.6%	2.8%
Crop Value Per Acre									
Yellow Corn	801	822	889	879	789	900	834	821	837
Full Season Soybeans	646	724	706	590	535	598	750	717	759
Wheat	514	511	570	580	496	602	455	519	429
Double Crop Soybeans	659	632	672	632	553	652	582	672	530
White Corn	818	880	1,041						
Barley	397	389	361	419		419			
Tobacco - Burley	5,164	4,819	4,241	4,436	4,436		4,455	5,152	4,244
Tobacco - Dark Air Cured	6,754	6,347	5,619	2,003	2,003				
Tobacco - Dark Fire Cured	7,409	6,984	7,628	6,505	6,505				
Price Received - Old Crop									
Yellow Corn	6.97	6.99	6.89	6.96	7.26	6.90	7.15	6.95	7.19
Soybeans	14.64	14.52	14.58	13.66	14.34	13.57	14.90	14.53	14.97
Wheat	7.75	7.71	7.95	8.26		8.26	7.99	8.34	7.30
White Corn	6.96	8.07	7.11						
Barley			4.24						
Tobacco - Burley	2.03	2.19	2.04				2.02	1.99	2.03
Tobacco - Dark Air Cured	2.17	2.33	2.18	2.24	2.24				
Tobacco - Dark Fire Cured	2.50	2.51	2.48	2.63	2.63				
Price Received - New Crop									
Yellow Corn	4.64	4.51	4.90	4.94	4.56	5.05	4.77	5.11	4.68
Soybeans	13.14	12.51	12.86	12.69	12.63	12.70	12.85	13.21	12.74
Wheat	6.89	6.49	6.97	6.87	6.71	6.90	5.84	6.95	5.48
Milo			4.19						
White Corn	5.85	4.79	6.90						
Barley	4.15	4.16	4.26						
Tobacco - Burley	2.07	2.09	2.07				2.11	2.09	2.12
Tobacco - Dark Air Cured	2.35	2.33	2.30						
Tobacco - Dark Fire Cured	2.67	2.64	2.55	2.68	2.68				

Table NNa.2 - Economic Management Analysis per Operator Acre:						
Purchase Area Farms by Size - 2013						
	Kentucky	Purchase	Kentucky	Purchase	Purchase	Purchase
			Grain	Grain	Grain	Grain
Range in Size (Acres)	All	All	All	All	0-1499	1500+
Management Returns	All	All	All	All	All	All
Number of Farms	196	18	164	16	8	8
Crop Yields						
Yellow Corn	189	193	189	192	174	197
Full Season Soybeans	54	48	54	48	44	48
Wheat	81	84	81	84	74	87
Double Crop Soybeans	51	49	51	49	44	51
White Corn	189		189			
Barley	84	106	86	106		106
Tobacco - Burley	2,072	2,143	2,051	2,143	2,143	
Tobacco - Dark Air Cured	2,557	838	2,555	838	838	
Tobacco - Dark Fire Cured	2,834	2,394	2,835	2,394	2,394	
Total Acres Planted-Selected Crops						
Yellow Corn	911	978	1,015	1,022	372	1,672
Full Season Soybeans	525	683	554	729	225	1,107
Wheat	621	637	665	663	279	999
Double Crop Soybeans	658	647	701	669	278	1,011
White Corn	857		857			
Barley	213	65	230	65		65
Tobacco - Burley	48	7	50	7	7	
Tobacco - Dark Air Cured	14	2	15	2	2	
Tobacco - Dark Fire Cured	41	17	43	17	17	
Forages	470	552	377	517	0	517
Land Use %						
Yellow Corn	43.7%	42.9%	44.9%	43.6%	47.2%	42.9%
Full Season Soybeans	21.9%	26.5%	22.6%	27.2%	21.4%	28.4%
Wheat	23.6%	26.3%	24.2%	26.5%	31.0%	25.6%
Double Crop Soybeans	24.5%	26.7%	25.1%	26.8%	30.9%	25.9%
White Corn	2.5%		2.7%			
Barley	1.0%	0.2%	1.0%	0.2%		0.2%
Tobacco - Burley	0.6%	0.0%	0.6%	0.0%	0.1%	
Tobacco - Dark Air Cured	0.1%	0.0%	0.1%	0.0%	0.0%	
Tobacco - Dark Fire Cured	0.3%	0.0%	0.3%	0.0%	0.3%	
Forages	6.1%	4.0%	3.6%	2.4%		2.8%
Crop Value Per Acre						
Yellow Corn	867	881	870	879	789	900
Full Season Soybeans	703	590	704	590	535	598
Wheat	555	580	556	580	496	602
Double Crop Soybeans	663	628	666	632	553	652
White Corn	1,009		1,009			
Barley	353	419	365	419		419
Tobacco - Burley	4,622	4,436	4,594	4,436	4,436	
Tobacco - Dark Air Cured	5,952	2,003	5,943	2,003	2,003	
Tobacco - Dark Fire Cured	7,449	6,505	7,451	6,505	6,505	
Price Received - Old Crop						
Yellow Corn	6.91	6.96	6.91	6.96	7.26	6.90
Soybeans	14.57	13.66	14.57	13.66	14.34	13.57
Wheat	7.91	8.26	7.91	8.26		8.26
White Corn	7.22		7.22			
Barley	4.24		4.24			
Tobacco - Burley	2.05		2.05			
Tobacco - Dark Air Cured	2.21	2.24	2.21	2.24	2.24	
Tobacco - Dark Fire Cured	2.49	2.63	2.49	2.63	2.63	
Price Received - New Crop						
Yellow Corn	4.81	4.91	4.82	4.94	4.56	5.05
Soybeans	12.81	12.68	12.81	12.69	12.63	12.70
Wheat	6.88	6.86	6.88	6.87	6.71	6.90
White Corn	6.12		6.12			
Barley	4.25		4.25			
Tobacco - Burley	2.08		2.07			
Tobacco - Dark Air Cured	2.31		2.31			
Tobacco - Dark Fire Cured	2.61	2.68	2.61	2.68	2.68	

Table CO2.1 - Economic Management Analysis per Operator Acre:							
Selected Pennyroyal Counties - 2013							PRELIMINARY
	Pennyroyal	Christian	Todd	Butler	Logan	Simpson	
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All	All
Number of Farms	103	31	18	9	8	8	
Total Acres in Farm	2,237	2,513	1,850	2,614	2,534	3,052	
Tillable Acres in Farm	2,033	2,383	1,692	2,222	2,338	2,952	
Operator Tillable Acres	1,876	2,294	1,475	1,907	2,111	2,749	
Percent Land Owned	32.9%	39.1%	26.3%	36.1%	29.6%	10.8%	
Percent Land Crop Share	21.8%	12.0%	32.6%	49.9%	22.8%	17.3%	
Percent Land Cash Rent	45.3%	48.9%	41.1%	14.0%	47.6%	71.9%	
Months of Hired Labor	56.1	88.8	26.1	28.4	48.4	63.6	
Months of Unpaid Labor	15.7	16.4	16.6	14.3	15.3	14.6	
Total Months Labor	71.8	105.2	42.6	42.7	63.7	78.3	
FARM RETURNS							
Crop Returns	952.25	1,026.54	1,025.40	705.44	958.59	955.57	
Livestock Return Above Feed	44.19	6.66	2.89	33.83	83.39	0.41	
Custom Work	9.10	11.54	7.33	8.06	3.84	12.57	
Other Farm Receipts	30.79	35.47	28.39	10.43	26.64	46.25	
Tobacco Returns	72.11	130.43	37.08	0.00	35.31	51.14	
GROSS FARM RETURNS	1,108.44	1,210.65	1,101.09	757.76	1,107.77	1,065.94	
FARM COSTS							
Soil Fertility	141.12	158.61	139.11	117.18	133.29	154.36	
Pesticides	61.95	58.79	64.35	47.46	51.82	76.46	
Seed	83.07	89.02	86.11	65.16	68.89	104.93	
Crop Total	286.14	306.42	289.57	229.80	254.00	335.76	
Utilities	12.62	10.92	9.84	8.71	10.37	8.04	
Machine Repairs	39.68	38.91	30.54	33.95	31.70	36.94	
Machine Hire & Lease	31.09	22.94	26.51	15.07	25.35	40.70	
Fuel & Oil	42.85	49.47	30.40	32.15	34.21	44.13	
Light Vehicle	0.01	0.00	0.03	0.00	0.00	0.03	
Machine Depreciation	65.58	63.91	67.81	58.92	65.19	67.18	
Power & Equip. Total	191.84	186.15	165.13	148.79	166.83	197.02	
Drying	8.51	8.66	7.82	12.62	8.53	11.46	
Storage	0.77	0.73	1.19	0.53	0.36	0.43	
Building Repair & Rent	10.51	9.83	15.81	7.38	7.78	5.44	
Building Depreciation	16.32	20.03	7.35	20.45	11.87	13.31	
Building Total	36.11	39.25	32.17	40.98	28.53	30.64	
Labor, Unpaid	21.10	18.59	27.62	17.71	18.22	12.67	
Labor, Paid	75.27	94.99	42.26	40.08	59.05	62.68	
Labor Total	96.37	113.58	69.88	57.79	77.27	75.35	
Vet, Med, Livestock Supply	9.28	2.89	0.12	3.95	8.97	0.40	
Insurance	33.96	37.44	29.45	23.49	36.59	42.53	
Miscellaneous	11.20	12.46	11.24	5.21	12.22	11.09	
Interest Charge - Nonland	63.55	64.40	59.42	59.39	61.00	57.28	
Other Costs Total	117.99	117.18	100.23	92.03	118.78	111.30	
Land Charge Total	208.33	200.69	221.51	178.21	254.43	244.08	
TOTAL NON-FEED COSTS	936.77	963.27	878.50	747.61	899.84	994.14	
Gain/loss Capital Sales	4.84	4.26	7.22	2.58	1.50	4.53	
MANAGEMENT RETURNS	176.51	251.64	229.82	12.72	209.43	76.33	

Table CO2.2 - Economic Management Analysis per Operator Acre: Selected Pennyroyal Counties							
	Pennyroyal	Christian	Todd	Butler	Logan	Simpson	
Range in Size (Acres)	All	All	All	All	All	All	All
Management Returns	All	All	All	All	All	All	All
Number of Farms	103	31	18	9	8		8
Crop Yields							
Yellow Corn	188	193	189	188	187		180
Full Season Soybeans	54	54	57	54	57		54
Wheat	80	83	83	47	79		68
Double Crop Soybeans	52	53	53	55	55		49
Milo	119	105					
White Corn	190	201	172				
Barley	84		87		89		82
Tobacco - Burley	2,156	2,315	1,626	0	1,342		1,603
Tobacco - Dark Air Cured	2,510	2,477	2,617		2,794		2,375
Tobacco - Dark Fire Cured	2,841	2,927	2,740		1,577		2,740
Total Acres Planted-Selected Crops							
Yellow Corn	917	1,169	868	908	1,194		1,339
Full Season Soybeans	309	192	195	934	201		228
Wheat	808	951	629	35	999		1,067
Double Crop Soybeans	866	964	670	208	1,042		1,249
Milo	126	118					
White Corn	927	134	174				
Barley	239		229		279		217
Tobacco - Burley	34	54	8	25	14		31
Tobacco - Dark Air Cured	16	7	12		42		33
Tobacco - Dark Fire Cured	42	62	24		5		19
Forages	578	568	90	536	496		296
Land Use %							
Yellow Corn	40.8%	48.6%	48.9%	41.3%	45.5%		46.4%
Full Season Soybeans	11.5%	6.1%	9.1%	42.5%	5.5%		6.9%
Wheat	31.6%	38.2%	37.5%	0.2%	32.7%		37.0%
Double Crop Soybeans	33.4%	38.7%	39.9%	1.1%	39.7%		43.3%
Milo	0.1%	0.2%					
White Corn	4.5%	0.4%	1.2%				
Barley	1.8%		2.3%		7.6%		5.6%
Tobacco - Burley	0.5%	1.1%	0.1%	0.1%	0.2%		0.3%
Tobacco - Dark Air Cured	0.2%	0.1%	0.2%		0.7%		0.6%
Tobacco - Dark Fire Cured	0.5%	1.0%	0.3%		0.0%		0.2%
Forages	8.6%	4.4%	0.6%	15.8%	7.9%		3.2%
Crop Value Per Acre							
Yellow Corn	884	923	849	844	907		882
Full Season Soybeans	692	683	748	706	771		701
Wheat	555	607	539	284	558		462
Double Crop Soybeans	677	690	686	758	718		672
Milo	498	525					
White Corn	1,014	1,007	943				
Barley	358		399		373		340
Tobacco - Burley	4,460	4,804	3,362	0	2,764		3,216
Tobacco - Dark Air Cured	5,817	5,814	6,240		6,244		5,503
Tobacco - Dark Fire Cured	7,465	7,817	7,100		3,892		6,531
Price Received - Old Crop							
Yellow Corn	6.87	6.73	6.73	6.96	7.76		6.90
Soybeans	14.70	15.06	14.74	14.84	15.71		15.29
Wheat	7.91	7.72	7.93		7.60		7.42
Milo							
White Corn	7.22	8.75	6.96				
Barley	4.24				4.24		
Tobacco - Burley	2.08	2.10	2.05		1.98		1.96
Tobacco - Dark Air Cured	2.21	2.16	2.31				2.23
Tobacco - Dark Fire Cured	2.48	2.52	2.47		2.04		2.56
Price Received - New Crop							
Yellow Corn	4.87	4.93	5.10	4.50	4.71		5.09
Soybeans	12.77	12.31	12.42	13.18	13.34		13.06
Wheat	6.95	7.05	7.08	5.76	6.75		6.89
Milo	4.19	5.02					
White Corn	6.12	5.18	6.47				
Barley	4.25		4.46		4.21		4.16
Tobacco - Burley	2.06	2.06	2.07				2.06
Tobacco - Dark Air Cured	2.30	2.35	2.30		2.28		2.29
Tobacco - Dark Fire Cured	2.61	2.65	2.65				2.49

Table CO6.1 - Economic Management Analysis per Operator Acre:					PRELIMINARY
Selected Ohio Valley Counties - 2013					
	Ohio Valley	Daviess	Henderson	Union	Webster
Range in Size (Acres)	All	All	All	All	All
Management Returns	All	All	All	All	All
Number of Farms	44	11	9	8	9
Total Acres in Farm	2,315	2,418	3,028	2,817	1,633
Tillable Acres in Farm	2,170	2,410	2,818	2,468	1,520
Operator Tillable Acres	1,858	1,969	2,395	2,297	1,276
Percent Land Owned	25.2%	34.3%	12.2%	26.4%	28.7%
Percent Land Crop Share	41.2%	53.4%	40.4%	19.0%	43.4%
Percent Land Cash Rent	33.6%	12.3%	47.4%	54.6%	27.9%
Months of Hired Labor	31.0	46.5	35.2	25.3	14.2
Months of Unpaid Labor	18.1	23.0	17.1	20.5	14.8
Total Months Labor	49.1	69.5	52.4	45.8	29.0
FARM RETURNS					
Crop Returns	853.82	897.98	875.70	795.86	824.85
Livestock Return Above Feed	17.36	26.07	2.10	5.98	12.17
Custom Work	6.57	4.50	12.51	4.02	5.61
Other Farm Receipts	3.80	2.12	5.51	1.45	7.95
Tobacco Returns	26.97	86.13	0.00	0.00	5.59
GROSS FARM RETURNS	908.52	1,016.80	895.83	807.32	856.17
FARM COSTS					
Soil Fertility	145.17	148.00	140.92	141.79	133.68
Pesticides	62.32	66.86	63.35	59.55	59.94
Seed	91.81	94.19	92.20	88.29	88.86
Crop Total	299.30	309.06	296.47	289.63	282.49
Utilities	7.01	10.08	6.19	2.37	6.30
Machine Repairs	37.36	47.31	28.83	33.16	37.65
Machine Hire & Lease	17.05	15.30	21.14	19.74	9.81
Fuel & Oil	34.50	38.39	27.07	40.68	31.75
Light Vehicle	0.07	0.00	0.07	0.02	0.35
Machine Depreciation	71.88	70.03	65.76	94.69	51.80
Power & Equip. Total	167.87	181.12	149.06	190.67	137.66
Drying	5.63	6.63	0.75	8.52	9.19
Storage	0.38	0.14	1.28	0.02	0.00
Building Repair & Rent	11.07	15.68	8.16	6.64	8.49
Building Depreciation	16.38	19.36	9.42	21.26	10.47
Building Total	33.46	41.80	19.62	36.44	28.16
Labor, Unpaid	23.02	26.36	16.87	22.63	26.85
Labor, Paid	37.32	49.24	35.87	24.41	26.14
Labor Total	60.34	75.60	52.75	47.04	52.99
Vet, Med, Livestock Supply	0.69	0.73	0.10	1.02	0.98
Insurance	30.17	30.34	33.57	29.65	26.62
Miscellaneous	8.76	11.40	7.57	5.36	9.98
Interest Charge - Nonland	59.55	64.12	50.98	64.87	51.96
Other Costs Total	99.17	106.59	92.22	100.90	89.55
Land Charge Total	174.34	190.42	165.43	29.82	47.73
TOTAL NON-FEED COSTS	834.48	904.59	775.54	694.50	638.57
Gain/loss Capital Sales	5.64	4.62	7.25	8.65	2.27
MANAGEMENT RETURNS	79.68	116.83	127.53	121.47	219.87

Table CO6.1 - Economic Management Analysis per Operator Acre:					
Selected Ohio Valley Counties - 2013					
	Ohio Valley	Daviess	Henderson	Union	Webster
Range in Size (Acres)	All	All	All	All	All
Management Returns	All	All	All	All	All
Number of Farms	44	11	9	8	9
Crop Yields					
Yellow Corn	188	199	181	178	188
Full Season Soybeans	55	57	57	48	55
Wheat	83	83	87	88	85
Double Crop Soybeans	47	50	41	47	48
White Corn	150		150		
Tobacco - Burley	2,560	2,661			3,000
Tobacco - Dark Air Cured	2,955	2,947			3,542
Total Acres Planted-Selected Crops					
Yellow Corn	1,093	1,350	1,283	1,305	695
Full Season Soybeans	817	892	1,245	744	607
Wheat	330	352	282	393	189
Double Crop Soybeans	321	346	282	346	185
White Corn	156		156		
Tobacco - Burley	50	59			2
Tobacco - Dark Air Cured	9	12			3
Forages	86	58	35	114	36
Land Use %					
Yellow Corn	51.0%	51.3%	48.0%	54.4%	49.5%
Full Season Soybeans	37.3%	33.9%	46.5%	31.0%	43.2%
Wheat	10.0%	13.4%	4.7%	12.3%	6.0%
Double Crop Soybeans	10.1%	13.1%	4.7%	12.6%	5.8%
White Corn	0.2%		0.6%		
Tobacco - Burley	0.4%	1.1%			0.0%
Tobacco - Dark Air Cured	0.1%	0.1%			0.0%
Forages	1.1%	0.2%	0.1%	2.3%	1.2%
Crop Value Per Acre					
Yellow Corn	845	902	871	785	840
Full Season Soybeans	727	726	765	630	773
Wheat	572	602	638	502	523
Double Crop Soybeans	623	662	525	625	682
White Corn	737		737		
Tobacco - Burley	5,261	5,470			6,448
Tobacco - Dark Air Cured	7,047	7,008			8,542
Price Received - Old Crop					
Yellow Corn	6.90	7.18	6.77	6.33	7.31
Soybeans	14.53	14.26	14.42	14.45	14.91
Wheat	7.21			7.22	7.18
Tobacco - Burley	2.00	2.00			
Tobacco - Dark Air Cured	2.31	2.32			2.30
Price Received - New Crop					
Yellow Corn	4.65	4.72	4.86	4.50	4.23
Soybeans	12.85	12.93	12.74	12.85	12.77
Wheat	6.94	7.07	7.41	6.23	6.50
Tobacco - Burley	2.05	2.06			2.09
Tobacco - Dark Air Cured	2.38	2.38			2.39