

September 25, 2009

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2010 CURRENT AGRICULTURAL USE VALUE OF LAND TABLES

EXPLANATION OF THE CALCULATION OF VALUES FOR VARIOUS SOIL MAPPING UNITS FOR TAX YEAR 2010

The annual current agricultural use values of land are calculated by the capitalization of net income from agricultural products assuming typical management, cropping and land use patterns, and yields for given types of soils. The necessary information is available for approximately 3,500 map units, which are the soils with slopes less than 25 percent. The information used for a capitalized net income approach is as follows:

YIELD INFORMATION CROPPING PATTERNS CROP PRICES NON-LAND PRODUCTION COSTS CAPITALIZATION RATE

Each of these factors is explained below.

A. YIELD INFORMATION

For each of the soil mapping units, data regarding typical yields of each of the four major field crops (corn, soybeans, wheat and hay) were last published in 1984. In order to reflect more accurate yields, those yields of record have been updated annually since 2006. The yields are updated by a factor based on ten years of statewide yield information published by the Ohio Department of Agriculture. The most recent ten years of data for each crop are averaged and divided by the 1984 yield for that crop. This factor is applied to the 1984 crop yield of record for each mapping unit. For 2010, the factor is based upon yield data from calendar years 1999-2008.

B. CROPPING PATTERNS

The cropping pattern for each map unit is determined by the slope of that unit with two exceptions as follows:

- 1.) Soil map units with a productivity index of 55 or less are assumed to be most profitably used as pasture. Therefore, a cropping pattern of 100% hay is used for these soils.
- 2.) A pattern of 50% corn and 50% soybeans is used for organic soil map units.

All other soil map units were assigned a cropping pattern according the following schedule.

% Slope	<u>Corn</u>	Soybeans	Wheat	<u>Hay</u>
0-1, 0-2, 0-3, 0-4, 0-5, 1-3, 1-4, 1-5	35%	45%	15%	5%
0-6, 0-8, 0-10, 1-6, 1-7, 1-8, 2-4, 2-5, 2-6, 2-8, 3-6, 3-8	35%	37%	15%	13%
0-15, 1-15, 2-12, 3-10, 3-12, 3-15, 4-10, 4-12, 5-10, 5-15, 6-12, 6-15, 7-15, 8-15	35%	20%	20%	25%
5-20, 6-18, 6-20, 8-20, 8-25, 9-18, 10-15, 10-20, 10-25, 12-18, 12-20, 12-25, 15-20, 15-25, 18-25	. 20%	-	10%	70%

C. CROP PRICE INFORMATION

The crop prices used for the four field crops are five-year weighted average prices. Crop price data is collected for seven years with the highest and lowest prices eliminated, and the average calculated using the remaining five years' data. The prices are weighted based on the statewide production for each year. For this calculation, the seven-year period is 2002 through 2008. The table shows average weighted prices for this period as well as prices for the three previous years. Each weighted price is reduced by 5% to allow for management and mixed hay is reduced by 15% to account for harvesting loss.

		TY2007	TY2008	TY2009	TY2010
		1999	2000	2001	2002
		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Corn	@bu	\$1.96	\$2.02	\$2.29	\$2.66
Soybeans	@bu	4.89	5.19	5.60	6.41
Wheat	@bu	2.64	2.89	3.05	3.41
Hay-Mixed	@ton	76.66	79.80	86.18	95.19
Hay-Grass	@ton	61.95	64.77	70.69	75.27

The annual production and price per unit for each of these crops for the 2002 through 2008 period are shown in Exhibit A (see page 5).

Two types of hay are used based on slopes and the productivity of the soil. The mixed hay is for lower sloped soils and higher producing soils. The grass hay is for higher slopes and less productive soils found predominantly in southeastern Ohio.

D. NON-LAND PRODUCTION COSTS

Data on crop production costs were used to estimate average non-land production costs. The data are taken from the Ohio Crop Enterprise Budgets prepared by The Ohio State University Department of Agricultural, Environmental, and Development Economics for 2003-2009, inclusive. Again, data are collected for the seven-year period and the highest and lowest costs for each category are eliminated from the array. Five-year average costs per unit of specific non-land production cost items are computed from the remaining data as shown in Exhibit B-1 (see pages 6 and 7).

The budgets are computed for each crop at a base yield equal to the lowest yield reported and for each additional unit above the base yield based on information from the Ohio Crop Budgets (see Exhibits B-2 through Exhibit B-5, pages 8-11).

The five year average non-land production costs for tax year 2010 are summarized below and compared with the costs used for tax year 2007 and 2009:

Crop	Tax <u>Year</u>	Base <u>Yield</u>	Base <u>Cost</u>	Additional Cost Per <u>Unit</u>
Corn	2010 2009 2007	118 bu	\$286.65 264.12 235.70	\$ 0.83 0.72 0.91
Soybeans	2010 2009 2007	36 bu	\$189.10 175.21 168.14	\$ 0.66 0.57 0.49
Wheat - (Grain Only)	2010 2009 2007	52 bu	\$170.16 159.01 153.67	\$ 1.14 0.86 0.81
Hay (All)	2010 2009 2007	2.5 ton	\$138.41 131.89 134.50	\$ 31.35 22.75 23.98

E. CAPITALIZATION RATE:

Five-year averaging is used to derive the Farm Credit Service interest rate of 7.08% assuming a 60% loan for a 15-year term, payable annually, and an interest rate of 7.45% for the 40 percent equity portion (see Exhibit C, page 12). A five percent appreciation over a period of 5 years is included to address the increase in farmland values due to the demand for additional land in an increasingly efficient operation.

The capitalization rate for typical Ohio farmland, not including real property market inflation, was computed by the Akerson mortgage-equity method as follows:

60% loan x annual debt service of 0.11035 = 0.0662

40% Equity x equity yield rate of .0745 = 0.0298

Subtotal
$$0.0960$$

Less equity buildup for 5 years
% loan x % mortgage paid off x sinking fund factor at equity rate for 5 years
$$(0.60) [1-(6.997/9.0621)] (0.172337) = (0.0236)$$

Less 5% appreciation times sinking fund factor
@ equity yield rate of .0745
$$0.05 \times 0.172337 = (0.0086)$$

Capitalization Rate before Taxes = 0.0638 or 6.4%

For tax year 2008 the statewide average effective tax rate after application of the reduction factors, (Section 319.301 Ohio Revised Code), levied on agricultural property was 43.18 mills. The ten percent rollback authorized by Section 319.302 of the Code reduced this rate further to 38.87 mills. As a percent of market value the effective tax rate to be used in this year's capitalization formula is 1.4%, $(.35 \times 38.87)/1000$.

Capitalization rate including R.E. taxes 7.8%

The 7.8% capitalization rate is the base rate for typical Ohio farmland.

F. CROPLAND VALUES

The current agricultural use cropland value equals the net return for the rotation acre of the soil map unit divided by the capitalization rate. The minimum value for cropland is \$300 per acre for soils with 25 percent slope or less.

- G. WOODLAND AND PASTURE VALUE OF SOILS
- 1.) The minimum value for woodland and pasture is \$150.
- 2.) The woodland value, with slopes of 25% or less, equals the cropland value less the costs to convert the woodland to cropland. The conversion costs are as follows:
 - a. Clearing \$500 per acre for all soils
 - b. Drainage
 - a.) For excessively drained, well drained, moderately well drained, (E, W, MW) No Cost
 - b.) For somewhat poorly drained, poorly drained, very poorly drained, saturated (SWP, P, VP) \$500 for Tile Drainage
 - c.) A \$250 adjustment for surface drainage for the following soil series: Allis, Atkins, Blanchester, Bono, Canadice, Clermont, Condit, Conneaut, Darien, Delmar, Frenchtown, Fries, Ginat, Ilion, Latty, Lorain, McGuffey, Mill, Miner, Montgomery, Muskego, Pauling, Peoga, Piopolis, Purdy, Roselms, Sheffield, Swanton, Toledo, Trumbull, Valley, Wabash, Wabasha, Warners, Wayland, Willette, and Zipp
- 3.) Land used as permanent pasture is valued as cropland with appropriate deductions for clearing or drainage costs if necessary.

xhibit A - FIVE Y Sou	rce: Ohio A	gricultural St	atisti	cs S	ervice	
	year	produ	ction	-	nrica	
CORN	2002		2,560		<u>price</u>	<u>value (1000</u>
	2002				2.50	631,4
			8,920		2.45	1,173,3
	2004		1,380		1.85	909,0
	2005		4,750		1.80	836,5
	2006		0,640		3.30	1,553,1
	2007		1,500		3.95	2,138,9
	2008		1,200		3.95	1,663,7
Totals		2,11	4,700			5,930,6
Weighted Avg. P	rice			\$	2.80	
After Manageme	nt Allowance	of 5%		\$	2.66	
00/5-11/6						
SOYBEANS	2002	14	1,300	\$	5.45	770,08
	2003	16:	2,640	\$	7.20	1,171,00
	2004	20	7,740	\$	5.15	1,069,86
	2005		1,600		5.55	1,118,88
	2006		7,140		6.25	
	2007		1,140 1,110		10.10	1,357,12
	2008					1,960,5
Totals	2006		1,280		9.60	1,548,28
		88.	3,960			5,965,38
Weighted Avg. Pr		·		\$	6.75	
After Managemer	it Allowance	of 5%		\$	6.41	
WHEAT	2002			<u></u>		
- WILLIAM	2002),220		3.20	160,70
			3,000		3.20	217,60
	2004		,180		3.15	173,8 1
	2005		3,930	\$	3.20	188,57
	2006	65	,280	\$	3.30	215,42
	2007	45	,990	\$	5.50	252,94
	2008	74	,120	\$	5.80	429,89
Totals		288	,420			1,035,24
Weighted Avg. Pr	ice			\$	3.59	1,000,24
After Managemen		of 5%		\$	3.41	
MIXED HAY	2002		,750	\$	96.00	360,00
	2003	3	,400	\$	98.75	335,75
	2004	3	,232	\$	102.50	331,28
	2005	3	630	\$	87.00	315,81
	2006		,421	\$	126.25	431,90
	2007		931	\$	160.71	471,04
	2008		802	\$	143.00	
Totals			605	Ψ	143.00	400,686
Weighted Avg. Pri	ce		,000	\$	111.99	1,859,61
After Management		of 15%		\$	95.19	
					00.10	
GRASS HAY	2002	3,	750	\$	71.00	266,250
	2003	3,	400	\$	68.75	233,750
	2004			\$	73.67	238,10
	2005			\$	71.25	258,638
	2006			\$	87.83	
	2007			\$		300,466
	2007				116.00	339,996
Totals	2000			\$	96.50	270,393
		16,	835			1,333,848
Weighted Avg. Price		F = 0./		\$	79.23	
After Management	Allowance	nt 5%		\$	75.27	

Exhibit B-1, Production Costs Determination of Five Year Average Costs for the Projected Crop Budgets Tax year 2010 5 yr. ITEM UNITS 2003 2004 2005 2006 2007 2008 2009 <u>Avg.</u> VARIABLE COSTS CORN 1000k \$1.10 \$1.10 \$1.10 \$1.13 \$1.16 \$2.05 \$2.50 \$1.31 **SOYBEANS** 1000s \$0.10 \$0.10 \$0.12 \$0.21 \$0.21 \$0.23 \$0.29 \$0.17 1000s \$0.01 WHEAT \$0.01 \$0.01 \$0.01 \$0.01 \$0.02 \$0.02 \$0.01 HAY 100lb \$150.00 \$150.00 \$175.00 \$175.00 \$175.00 \$175.00 \$175.00 \$170.00 Fertilizer Corn \$0.24 \$0.24 \$0.26 \$0.34 \$0.29 \$0.49 \$0.55 \$0.32 Wheat/Hay \$0.24 \$0.24 \$0.26 \$0.34 \$0.36 \$0.71 \$0.71 \$0.38 P205 \$0.24 \$0.24 \$0.30 \$0.31 \$0.31 \$0.87 \$0.77 \$0.39 K20 \$0.13 \$0.13 \$0.18 \$0.20 \$0.21 \$0.48 \$0.72 \$0.24 LIME \$12.00 \$12.00 \$22.00 \$22.00 \$22.00 \$23.50 \$25.00 \$20.30 Establishment/Hay (OVER 5 YRS.) \$19.00 \$19.00 \$19.00 \$19.00 \$19.00 \$14.41 \$16.73 \$18.55 Chemicals CORN \$22.00 \$22.00 \$24.00 \$24.42 \$24.42 \$24.34 \$26.86 \$42.00 SOYBEANS \$26.00 \$26.00 \$39.00 \$21.10 \$21.10 \$21.10 \$30.00 \$24.84 WHEAT \$7.00 \$7.00 \$7.00 \$6.86 \$6.86 \$7.55 \$13.00 \$7.08 Fuel, Oil, Grease CORN -118 \$7.00 \$7.00 \$9.00 \$10.58 \$9.61 \$18.87 \$13.48 \$9.93 -150 \$7.00 \$7.00 \$9.00 \$10.58 \$18.87 \$9.61 \$13.48 \$9.93 -184 \$7.00 \$7.00 \$9.00 \$10.58 \$9.61 \$18.87 \$13.48 \$9.93 SOYBEANS -36 \$5.00 \$5.00 \$7.00 \$7.67 \$6.97 \$13.63 \$9.74 \$7.28 -48 \$5.00 \$5.00 \$7.00 \$13.63 \$7.67 \$6.97 \$9.74 \$7.28 -60 \$5.00 \$5.00 \$7.00 \$7.67 \$6.97 \$13.63 \$9.74 \$7.28 WHEAT -52 \$5.00 \$5.00 \$6.00 \$8.20 \$7.46 \$14.51 \$10.37 \$7.41 -67 \$5.00 \$5.00 \$8.20 \$6.00 \$7.46 \$14.51 \$10.37 \$7.41 -82 \$5.00 \$5.00 \$6.00 \$8.20 \$7.46 \$14.51 \$10.37 \$7.41 \$7.00 HAY -2.50\$7.00 \$11.00 \$12.61 \$11.46 \$17.17 \$17.17 \$11.85 -3.75\$7.00 \$7.00 \$11.00 \$12.61 \$11.46 \$17.17 \$17.17 \$11.85 -5.00\$7.00 \$7.00 \$11.00 \$12.61 \$11.46 \$17.17 \$17.17 \$11.85 -118 CORN \$10.00 \$10.00 Repairs \$12.00 \$10.72 \$10.66 \$15.23 \$10.68 \$10.81 -150\$10.00 \$10.00 \$12.00 \$10.72 \$10.66 \$15.23 \$10.68 \$10.81 -184 \$10.00 \$10.00 \$12.00 \$10.72 \$10.66 \$15.23 \$10.68 \$10.81 -36 \$13.00 SOYBEANS \$13.00 \$11.00 \$7.80 \$7.80 \$10.59 \$7.59 \$10.04 48 \$13.00 \$13.00 \$11.00 \$7.80 \$7.80 \$10.59 \$7.59 \$10.04 -60 \$13.00 \$13.00 \$11.00 \$7.80 \$7.80 \$10.59 \$7.59 \$10.04 -52 WHEAT \$11.00 \$11.00 \$11.00 \$8.71 \$8.71 \$27.47 \$9.15 \$10.17 -67 \$11.00 \$11.00 \$11.00 \$8.71 \$8.71 \$27.47 \$9.15 \$10.17 -82 \$11.00 \$11.00 \$11.00 \$8.71 \$8.71 \$27,47 \$9.15 \$10.17 HAY -2.50\$13.00 \$13.00 \$7.00 \$16.13 \$16.13 \$18.30 \$18.30 \$15.31 -3.75\$7.00 \$13.00 \$13.00 \$16.13 \$16.13 \$18.30 \$18.30 \$15.31

\$13.00

\$7.00

\$16.13

\$16.13

\$18.30

\$18.30

\$15.31

-5.00

\$13.00

Exhibit B-1, Production Costs Determination of Five Year Average Costs for the Projected Crop Budgets Tax year 2010 5 yr. ITEM **UNITS** 2003 2004 2005 2006 2007 2008 2009 Avg. Miscellaneous CORN -118 \$12.00 \$12.00 \$6.00 \$6.00 \$6.00 \$6.00 \$7.00 \$7.40 -150 \$13.00 \$13.00 \$7.00 \$7.00 \$7.00 \$7.00 \$8.00 \$8.40 -184 \$14.00 \$14.00 \$8.00 \$8.00 \$8.00 \$8.00 \$9.00 \$9.40 SOYBEANS -36 \$12.00 \$12.00 \$7.00 \$7.00 \$7.00 \$7.00 \$8.20 \$8.00 -48 \$13.00 \$13.00 \$7.00 \$7.00 \$7.00 \$7.00 \$8.00 \$8.40 -60 \$14.00 \$14.00 \$7.00 \$7.00 \$7.00 \$7.00 \$8.00 \$8.60 WHEAT -52 \$12.00 \$12.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$7.20 -67 \$13.00 \$13.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$7.40 -82 \$14.00 \$14.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$7.60 -2.50\$14.00 \$14.00 HAY \$4.00 \$4.00 \$4.00 \$4.00 \$4.00 \$6.00 -3.75 \$15.00 \$15.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$7.00 -5.00 \$16.00 \$16.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$8.00 **Drying - Fuel & Electric** CORN \$0.18 \$0.13 \$0.15 \$0.16 \$0.11 \$0.11 \$0.11 \$0.13 Trucking - Fuel Only CORN \$0.04 \$0.04 \$0.04 \$0.06 \$0.06 \$0.09 \$0.15 \$0.06 \$0.06 **SOYBEANS** \$0.03 \$0.03 \$0.04 \$0.06 \$0.09 \$0.15 \$0.06 \$0.03 WHEAT \$0.03 \$0.03 \$0.06 \$0.06 \$0.09 \$0.15 \$0.05 Interest on variable costs 9.00% 9.00% 6.50% 8.00% 8.50% 9.00% 9.00% 8.70% **FIXED COSTS** Labor Charge \$32.40 CORN \$32.40 \$36.00 \$36.00 \$36.00 \$48.60 \$43.20 \$36.72 SOYBEANS \$23.40 \$23.40 \$20.00 \$20.00 \$20.00 \$27.00 \$27.00 \$22.76 \$18.00 WHEAT \$18.00 \$20.00 \$20.00 \$20.00 \$27.00 \$27.00 \$21.00 \$45.00 \$45.00 HAY \$30.00 \$30.00 \$30.00 \$40.50 \$40.50 \$37.20 Machinery & Equipment CORN \$59.00 \$59.00 \$55.00 \$52.85 \$54.35 \$65.07 \$64.45 \$58.36 **SOYBEANS** \$54.00 \$54.00 \$47.00 \$44.60 \$46.56 \$53.86 \$52.45 \$50.77 WHEAT \$52.00 \$52.00 \$48.00 \$48.51 \$50.01 \$56.71 \$55.16 \$51.54 HAY \$31.00 | \$31.00 | \$32.00 | \$29.31 | \$29.31 \$22.83 \$22.83 \$28.69

2010 CORN BUDGET conservation tillage

				IN	PUTS	5 YR.		EAR
	ITEM		UNITS	BASE 118 <u>BUSHEL</u>	@ ADD. 32 <u>BUSHEL</u>	AVG. COST	BASE 118 BUSHEL	GE COST @ ADD. BUSHEL
	SEED:	KERNELS	6 (1000's)	28	0.13	\$1.31	\$36.68	\$0.17
	FERTILIZER:							
		N*	LB.	128	18	\$0.32	\$40.96	\$0.18
		P2O5	LB.	43.7	12.2	\$0.39	\$17.04	\$0.15
		K20	LB.	31.9	8.9	\$0.24	\$7.66	\$0.07
		LIME	TON	0.25	0	\$20.30	\$5.08	\$0.00
	CHEMICALS:					\$24.34	\$24.34	\$0.00
	FUEL, OIL, GREASE					\$9.93	\$9.93	\$0.00
	REPAIRS:					\$10.81	\$10.81	\$0.00
	MISCELLANEOUS:					\$7.40	\$7.40	\$0.03
*	DRYING: FUEL & ELECTRIC C	DNLY			\$0.13	\$15.34	\$15.34	\$0.13
	TRUCKING: FUEL ONLY					\$0.06	\$7.08	\$0.06
		SUBTOTAL	8	5.7%/12 X 7 N	MOS		\$182.31	\$0.79
	INTEREST: ON SUBTOTALED	соѕт		0.05	int x subtotal		\$9.25	\$0.04
	LABOR CHARGE:					\$36.72	\$36.72	\$0.00
*	MACHINERY & EQUIPMENT CH	HARGE:				\$58.36	\$58.36	\$0.00
		TOTALS			_		\$286.65	\$0.83

09/24/2009

2010 SOYBEAN BUDGET NO TILLAGE PRACTICES

		INPUTS			5 YR. AVG.	5 YR. AVERAGE COST	
ITEM		UNITS	BASE 36	@ ADD. 12	COST	BASE 36	@ ADD.
			BUSHEL	BUSHEL		BUSHEL	BUSHEL
SEED:		seeds (1000s	s) 180.0	0	\$0.17	\$30.60	\$0.00
FERTILIZER:							
	N	LB.	0	0	\$0.00	\$0.00	\$0.00
	P2O5	LB.	28.8	8	\$0.39	\$11.23	\$0.26
	K20	LB.	50.4	14	\$0.24	\$12.10	\$0.28
	LIME	TON	0.25	0	\$20.30	\$5.08	\$0.00
CHEMICALS:					\$24.84	\$24.84	\$0.00
FUEL, OIL, GREAS	SE				\$7.28	\$7.28	\$0.00
REPAIRS:					\$10.04	\$10.04	\$0.00
MISCELLANEOUS	: :				\$8.20	\$8.20	\$0.04
TRUCKING: FUEL	ONLY				\$0.06	\$2.16	\$0.06
SU	JBTOTAL		8.7%/12 X 5 MO	S		\$111.52	\$0.64
INTEREST: ON SU	BTOTAL	ED COST	0.0363	int x subtotal		\$4.04	\$0.02
LABOR CHARGE:					\$22,76	\$22.76	\$0.00
MACHINERY & EQ	UIPMEN	T CHARGE:			\$50.77	\$50.77	\$0.00
TC	TALS					\$189.10	\$0.66

09/24/2009

2010 WHEAT BUDGET

			INPL	JTS	5 YR. AVG.	5 YR. AVERAGE COST		
ITEM		UNITS	BASE 52	@ ADD. 15	COST	BASE 52	@ ADD.	
			BUSHELS	BUSHEL		BUSHELS	BUSHEL	
SEED:	1	seeds (1000s)	1,400	0	\$0.01	\$14.00	\$0.00	
FERTILIZER:								
	N	LB.	43.5	26.3	\$0.38	\$16.53	\$0.67	
	P2O5	LB.	32.8	9.4	\$0.39	\$12.79	\$0.24	
	K20	LB.	39.2	5.6	\$0.24	\$9.41	\$0.09	
	LIME	TON	0.25	0	\$20.30	\$5.08	\$0.00	
CHEMICALS:					\$7.08	\$7.08	\$0.00	
FUEL, OIL, GREAS	SE				\$7.41	\$7.41	\$0.00	
REPAIRS:					\$10.17	\$10.17	\$0.00	
MISCELLANEOUS	:				\$7.20	\$7.20	\$0.03	
TRUCKING: FUEL	ONLY				\$0.05	\$2.60	\$0.05	
SU	JBTOTAL		8.7%/12 X 8 MOS	2		\$92.27	\$1.08	
INTEREST: ON SU	BTOTALE		0.0580	int x subtotal		\$5.35	\$0.06	
LABOR CHARGE:					\$21.00	\$21.00	\$0.00	
MACHINERY & EQ	UIPMENT	CHARGE:			\$51.54	\$51.54	\$0.00	
TO 09/24/2009	TALS					\$170.16	\$1.14	

2010 HAY BUDGET

		INPUTS			5 YR. AVG.	5 YR. AVERAGE COST	
ITEM		UNITS	BASE 2.5 <u>TON</u>	@ ADD. 1.25 <u>TON</u>	COST	BASE COST 2.5 TON	@ ADD. COST TON
SEED*		/100)*10/5 OVER 5 YR	10 S .			\$3.40	\$0.00
FERTILIZER:							
	N P2O5 K2O LIME	LB. LB. LB. TON	0 25 60 0.25	65 15 25 0	\$0.38 \$0.39 \$0.24 \$20.30	\$0.00 \$9.75 \$14.40 \$5.08	\$19.76 \$4.68 \$4.80 \$0.00
ESTABLISHMEN	IT:	avg \$/5 yrs			\$18.55	\$3.71	\$0.00
FUEL, OIL, GRE	ASE				\$11.85	\$11.85	\$0.00
REPAIRS:					\$15.31	\$15.31	\$0.00
MISCELLANEOU	IS:				\$6.00	\$6.00	\$0.80
\$	SUBTOTAL		9.70/ /40 V.C.NAC	_		\$69.50	\$30.04
INTEREST: on su	ubtotal		8.7%/12 X 6 MC 0.0435	int x subtotal		\$3.02	\$1.31
LABOR CHARGE	: :				\$37.20	\$37.20	\$0.00
MACHINERY & E	QUIPMENT	CHARGE:			\$28.69	\$28.69	\$0.00
ד	OTALS					\$138.41	\$31.35

^{*}Seed is priced at \$170 per 100 pounds; the budget requires 10 pounds per acre over five years.

09/24/2009

08/25/2009

RATES USED IN CAPITALIZATION RATE 2004-2010

TAX YEAR	INTEREST RATE	EQUITY RATE
2004	7.00	6.00
2005	7.10	7.25
2006	7.70	9.50
2007	7.70	10.25
2008	6.95	9.25
2009	6.55	5.25
2010	6.65	5.25
	7.08	7.45

^{*} interest rate is based on a 15 year adjustable multi flex loan with the rate coming from www.e-farmcredit.com / today's rates

ACTUAL CAPITALIZATION RATES USED IN CALCULATION 2004-2010

TAX YEAR	CAPITALIZATION RATE
2004	9.0%
2005	8.6%
2006	8.5%
2007	8.4%
2008	8.3%
2009	7.9%
2010	7.8%

^{**} equity rate is prime plus two per cent at www.bankrate.com from Wall Street Journal survey

Exhibit D - Average Crop Yields by Year in Ohio 2008 Ohio Department of Agriculture Annual Report and Statistics Table 5 - Annual Summary: Crop Production and Value Year Sovbeans Wheat Corn Oats Hay 36.5 2.81 41.5 3.17 40.5 2.95 3.05 2.18 31.5 2.8 3.3 2.42 3.25 2.78 3.43 3.23 2.83 3.08 3.01 2.42 3.35 2.88 2.58 38.5 2.94 2.72 3.03 2.83

36.5

41.2

1.128767

12.88%

67.1

1.525000

52.50%

67.7

1.074603

7.46%

2.55

2.46

2.81

2.78

0.989324

-1.07%

1.187288

18.73%

140.1

avg. 1999-2008

% change 1984 vs. 1999-2008

increase

SOIL:

Millgrove, Silt Loam

SLOPE:

0-2

EROSION:

Slight

DRAINAGE: Very poorly

PROD. INDEX: 100

PI DAT yield (1984) % increased yield % increased yield 1.187288 1.128767 1.525 0.989324 ADJUSTED YIELD / ACRE 171 59 98 5.9 X PRICE / UNIT = GROSS INCOME / ACRE 171 59 98 5.9 8454.86 \$378.19 \$334.18 \$561.62 YIELD / ACRE 171 59 98 5.9 8454.86 \$378.19 \$334.18 \$561.62 YIELD / ACRE 171 59 98 5.9 BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE CAUV LAND VALUE \$1,978.26 SAY \$1,980.00		CORN	BEANS	WHEAT	<u>HAY</u>
% increased yield 1.187288 1.128767 1.525 0.989324 ADJUSTED YIELD / ACRE 171 59 98 5.9 X PRICE / UNIT \$2.66 \$6.41 \$3.41 \$95.19 = GROSS INCOME / ACRE \$454.86 \$378.19 \$334.18 \$561.62 YIELD / ACRE 171 59 98 5.9 BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST / ACRE \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPI	PLDAT vield (1984)	144	52	64	6
ADJUSTED YIELD / ACRE X PRICE / UNIT S 2.66 \$6.41 \$3.41 \$95.19 = GROSS INCOME / ACRE \$454.86 \$378.19 \$334.18 \$561.62 YIELD / ACRE BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN \$154.30 BASE CAP RATE X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 171 59 98 5.9 8 5.9 8 5.9 18 5.9 18 5.9 18 5.9 18 5.10 18 334.18 \$561.62 2.5 2.5 2.5 2.5 2.5 2.5 2.5	• • •				
X PRICE / UNIT \$2.66 \$6.41 \$3.41 \$95.19 \$30.00 \$30.	· · · · · · · · · · · · · · · · · · ·				
= GROSS INCOME / ACRE \$454.86 \$378.19 \$334.18 \$561.62 YIELD / ACRE 171 59 98 5.9 BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST / ACRE \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078					
YIELD / ACRE 171 59 98 5.9 BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078		•	•	•	•
BASE YIELD 118 36 52 2.5 = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	= GROSS INCOME / ACRE	\$454.86	\$378.19	\$334.18	\$561.62
BASE YIELD = YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST NET RETURN / ACRE X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE	YIELD / ACRE	171	59	98	5.9
= YIELD ABOVE BASE 53 23 46 3.4 X ADDED UNIT COST \$0.83 \$0.66 \$1.14 \$31.35 ADDED UNIT COST / ACRE \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	BASE YIELD				
X ADDED UNIT COST	= YIELD ABOVE BASE		-		
ADDED UNIT COST / ACRE \$43.99 \$15.18 \$52.44 \$106.59 BASE YIELD COST \$286.65 \$189.10 \$170.16 \$138.41 = TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	X ADDED UNIT COST			· -	
## STATE	ADDED UNIT COST / ACRE		•		
= TOTAL NON-LAND PROD. COST \$330.64 \$204.28 \$222.60 \$245.00 NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	BASE YIELD COST	•		•	
NET RETURN / ACRE \$124.22 \$173.91 \$111.58 \$316.62 X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078		•	•	•	•
X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078		4000.01	4_0 1.20	Ψ 2.2 .00	Ψ2 10.00
X CROPPING PATTERN 0.35 0.45 0.15 0.05 = ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	NET RETURN / ACRE	\$124.22	\$173.91	\$111.58	\$316.62
= ROTATIONAL NET RETURN / ACRE \$43.48 \$78.26 \$16.74 \$15.83 TOTAL ROTATIONAL NET RETURN \$ 154.30 BASE CAP RATE 0.078 X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	X CROPPING PATTERN	0.35	0.45	0.15	0.05
BASE CAP RATE X MANAGEMENT FACTOR = ADJUSTED CAPITALIZATION RATE 0.078 0.078	= ROTATIONAL NET RETURN / ACRE	\$43.48	\$78.26	\$16.74	
X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	TOTAL ROTATIONAL NET RETURN	\$ 154.30			
X MANAGEMENT FACTOR 1 = ADJUSTED CAPITALIZATION RATE 0.078	DAGE GAR RATE	0.070			<i>y</i>
= ADJUSTED CAPITALIZATION RATE 0.078					
		•			
CAUV LAND VALUE \$1,978.26 SAY \$1,980.00	= ADJUSTED CAPITALIZATION RATE	0.078			
to the contract of the contrac	CAUV LAND VALUE	\$1,978.26	SAY	\$1,980.00	

SOIL:

Millgrove, Silt Loam

SLOPE:

0-2

EROSION:

Slight

DRAINAGE:

Very poorly

PROD. INDEX:

		CORN	BEANS	1	WHEAT	<u>HAY</u>
Current PI DAT yield		144	52		64	6
% increased yield	1	.1381356			1.45	1.026336
YIELD / ACRE		164	58		93	6.2
X PRICE / UNIT		\$1.96			\$2.64	
= GROSS INCOME / ACRE		\$321.44	\$283.62		\$245.52	\$475.29
		* • • • • • • • • • • • • • • • • • • •	4200.02		Ψ <u></u> Ε 10.0 <u>E</u>	Ψ170.20
YIELD / ACRE		164	58		93	6.2
BASE YIELD		100	35		50	2
= YIELD ABOVE BASE		64	23		43	4.2
X ADDED UNIT COST		\$0.91	\$0.49		\$0.81	\$23.98
ADDED UNIT COST / ACRE		\$58.24	\$11.27		\$34.83	\$100.72
BASE YIELD COST		\$235.70	\$168.14		\$153.67	
= TOTAL NON-LAND PROD. COST		\$293.94	\$179.41		\$188.50	\$235.22
NET RETURN / ACRE		\$27.50	\$104.21		\$57.02	\$240.07
X CROPPING PATTERN		0.35	0.45		0.15	0.05
= ROTATIONAL NET RETURN / ACRE	\$	9.63	\$ 46.89	\$	8.55	\$ 12.00
TOTAL ROTATIONAL NET RETURN	\$	77.07				
BASE CAP RATE		0.084				
X MANAGEMENT FACTOR		0.95				
= ADJUSTED CAPITALIZATION RATE		0.0798				
CAUV LAND VALUE	\$	965.79	SAY	\$	970.00	

SOIL:

Miami Silt Loam

SLOPE:

2-6

EROSION:

Slight

DRAINAGE:

Well

PROD. INDEX:

PI DAT yield/acre (1984) % increased yield adjusted yield/acre X Crop Price/Unit = GROSS INCOME / ACRE	CORN 108 1.187288 128 \$2.66 \$340.48	BEANS 38 1.128767 43 \$6.41 \$275.63	WHEAT 50 1.525 76 \$3.41 \$259.16	HAY 4.6 0.989324 4.6 \$95.19 \$437.87
YIELD / ACRE BASE YIELD = YIELD ABOVE BASE X ADDED UNIT COST ADDED UNIT COST / ACRE BASE YIELD COST = TOTAL NON-LAND PROD. COST	128 118 10 \$0.83 \$8.30 \$286.65 \$294.95	43 36 7 \$0.66 \$4.62 \$189.10 \$193.72	76 52 24 \$1.14 \$27.36 \$170.16 \$197.52	4.6 2.5 2.1 \$31.35 \$65.84 \$138.41 \$204.25
NET RETURN / ACRE X CROPPING PATTERN = ROTATIONAL NET RETURN / ACRE TOTAL ROTATIONAL NET RETURN BASE CAP RATE	\$45.53 0.35 \$15.94 \$85.86 0.078	\$81.91 0.37 \$30.31	\$61.64 0.15 \$9.25	\$233.63 0.13 \$30.37
CAUV LAND VALUE	\$1,100.77	SAY	\$1,100	

SOIL:

Miami, Silt Loam

SLOPE:

2-6

EROSION:

Slight

DRAINAGE:

Well

PROD. INDEX:

	CORN	BEANS	WHEAT	HAY
PI DAT yield/acre	108	38	50	4.6
% increased yield	1.138136	1.108219	1.450000	1.026336
adjusted yield/acre	123	42	73	4.7
X PRICE / UNIT	\$1.96	\$4.89	\$2.64	\$76.66
= GROSS INCOME / ACRE	\$241.08	\$205.38	\$192.72	\$360.30
YIELD / ACRE	123	42	73	4.7
BASE YIELD	100	35	50	2
= YIELD ABOVE BASE	23	7	23	2.7
X ADDED UNIT COST	\$0.91	\$0.49	\$0.81	\$23.98
ADDED UNIT COST / ACRE	\$20.93	\$3.43	\$18.63	\$64.75
BASE YIELD COST	\$235.70	\$168.14	\$153.67	\$134.50
= TOTAL NON-LAND PROD. COST	\$256.63	\$171.57	\$172.30	\$199.25
NET RETURN / ACRE	(\$15.55)	\$33.81	\$20.42	\$161.05
X CROPPING PATTERN	0.35	0.37	0.15	0.13
= ROTATIONAL NET RETURN / ACRE	(\$5.44)	\$12.51	\$3.06	\$20.94
TOTAL ROTATIONAL NET RETURN	\$31.07			
BASE CAP RATE	0.084			
X MANAGEMENT FACTOR	1			
= ADJUSTED CAPITALIZATION RATE	0.084			
CAUV LAND VALUE	\$369.88	SAY	\$370.00	

CAUV Summary Values

09/25/2009 TY 2010 - Preliminary

productivity index	no. of units	net r low	eturn/acre high	avg.	cropla low	ind value/ad high	cre avg.
0-49	600	0	81	37	300	300	300
50-59	749	0	98	60	300	570	356
60-69	1,117	0	99	58	300	980	667
70-79	798	37	111	79	470	1,290	1008
80-89	206	77	135	106	990	1,730	1,365
90-99	35	121	155	133	1,560	1,970	1,704
100+	6	156	156	156	1,980	1,980	1,980
all regions	3,511 \$	\$ - \$	156 \$	63 \$	300 \$	1,980	669

TY 2007 Final

productivity index	no. of units	low	net return/ac high	re avg.	croplar low	nd value/acro high	e avg.
0-49	608	0	46	10	100	370	133
50-59	752	0	87	21	100	540	170
60-69	1,103	0	98	12	100	450	146
70-79	805	0	47	24	100	560	287
80-89	200	10	62	41	130	770	521
90-99	36	48	77	59	600	970	747
100+	6	77	77	77	970	970	970
all regions	3,511	0	\$ 98	\$ 19	\$ 100 \$	970 \$	210

CAUV Summary Values

09/25/2009 TY 2010 - Preliminary

productivity index	no. of units		eturn/acre high	avg.	cropla low	nd value/ac high	re avg.
0-49	600	0	81	37	300	300	300
50-59	749	0	98	60	300	570	356
60-69	1,117	0	99	58	300	980	667
70-79	798	37	111	79	470	1,290	1008
80-89	206	77	135	106	990	1,730	1,365
90-99	35	121	155	133	1,560	1,970	1,704
100+	6	156	156	156	1,980	1,980	1,980
all regions	3,511 \$	5 - \$	156 \$	63 \$	300 \$	1,980 \$	669

TY 2009 Final

productivity index	no. of units		eturn/acre high	avg.	cropla low	nd value/ac high	re avg.
0-49	600	0	78	33	170	200	176
50-59	749	0	98	53	170	330	200
60-69	1,117	0	93	42	180	930	435
70-79	798	19	89	60	240	1,100	746
80-89	206	57	109	84	720	1,390	1,059
90-99	35	97	127	108	1,230	1,610	1,368
100+	6	128	128	128	1,620	1,620	1,620
all regions	3,511 \$; - \$	128 \$	50 \$	170 \$	1,620 \$	459

Average CAUV Values By Year

								1400	505 899	
	2010	300	356	299	1008	1365	1704	1980	699	3511
	2009	176	200	435	746	1059	1368	1620	459	3511
	2008	100	100	188	431	708	973	1200	249	3511
	2007	100	100	123	283	521	747	970	181	3510
	2006	108	134	125	241	465	675	880	177	3482
	2005	100	106	101	124	293	492	650	123	3358
	2004	100	114	104	157	342	533	069	135	3313
	2003	100	101	113	244	467	663	820	163	3313
5	2002	100	102	125	285	516	713	870	180	3307
	2001	100	104	181	394	640	842	1000	231	3279
	2000	100	107	200	417	999	869	1030	242	3371
c E	1999	100	114	233	452	669	806	1060	262	3281
	1997 1998	100	111	230	448	694	894	1040	258	3246
,	1997	100	100	163	373	632	820	066	209	3050 3083
	1996	100	100	114	257	487	689	820	160	3050
, fr. ,	1995	100	101	150	320	539	740	870	189	3050
90.100.0	Index 1999	0-49	20-29	69-09	20-79	80-89	66-06	100+	Totals No. of	Soils

lateYear
praisal/Upo
s By Reappraisal/U
UV Value
Average CA

	•					
Productivity Index 1995	ivity 1995	1998	2001	2004	2007	2010
,						
0-49	100	100	100	100	100	300
20-29	101	111	104	114	100	356
69-09	150	230	181	104	123	299
70-79	320	448	394	157	283	1008
80-89	539	694	640	342	521	1365
66-06	740	894	842	533	747	1704
100+	870	1040	1000	069	970	1980
Totals 189	189	258	231	135	181	506 699
No. of						
Soils	3050	3246	3279	3313	3510	3511



Comparis	on of Inp	uts, Tax	Years 2	2007-201	0	
Crop Prices					Differ	anca
	2007	2008	2009	2010	2007-10	2009-10
Corn	\$1.96	\$2.02	\$2.29	\$2.66	\$0.70	\$0.37
Soybeans	\$4.89	\$5.19	\$5.60	\$6.41	\$1.52	\$0.81
Wheat	\$2.64	\$2.89	\$3.05	\$3.41	\$0.77	\$0.36
Hay(mixed)	\$76.66	\$79.80	\$86.18	\$95.19	\$18.53	\$9.01
Hay(grass)	\$61.95	\$64.77	\$70.69	\$75.27	\$13.32	\$4.58
Non-land Production Costs						
Base Cost						
Corn	\$235.70	\$242.39	\$264.12	\$286.65	\$50.95	\$22.53
Soybeans	\$168.14	\$174.44	\$175.21	\$189.10	\$20.96	\$13.89
Wheat	\$153.67	\$156.68	\$159.01	\$170.16	\$16.49	\$11.15
Нау	\$134.50	\$133.80	\$131.89	\$138.41	\$3.91	\$6.52
Additional Unit Cost						
Corn	\$0.91	\$0.90	\$0.72	\$0.83	(\$0.08)	\$0.11
Soybeans	\$0.49	\$0.50	\$0.57	\$0.66	\$0.17	\$0.09
Wheat	\$0.81	\$0.84	\$0.86	\$1.14	\$0.33	\$0.28
Нау	\$23.98	\$24.23	\$22.75	\$31.35	\$7.37	\$8.60
Capitalization Rate						
Mortgage/Equity Ratio	60/40	60/40	60/40	60/40		
Years	15	15	15	15		
nterest Rate	7.49	7.29	7.06	7.24		
Equity Rate	8.35	8.15	7.65	7.80		
Tax Additur	1.4	1.4	1.4	1.4		
Capitalization Rate	8.4	8.3	7.9	7.8	(0.60)	(0.10)