



1982 SOYBEAN ENTERPRISE SUMMARY

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This report summarizes soybean enterprise data from Ohio Farmers. Over 340 farm records were sent to the Ohio computer analysis. Of these, 28 of the most complete and accurate soybean farms were used in this report. Not all the farms summarized are the same each year, and this should be noted when comparing data over time. A more complete and detailed analysis of soybean farmers can be obtained through the 1982 Farm Business Analysis Report, General Crop Summary (Extension No. 356, ESO 907).

Figure 1 presents income and expense data for soybean producers over the past nine years. 1982 proved to be another rough one for soybean producers. Although total costs of production declined and total value of production rose, costs still exceeded value of production. The decline in losses in 1982 as compared to 1981 was mostly due to increased soybean production per acre.

A further analysis of value and expenses of production is given in Figure 2. This graph gives essentially the same information, except it is presented on a per bushel basis. As indicated, cash costs per bushel declined, however, value per bushel also plunged.

Table 1 gives an overview of financial and production records for Ohio soybean producers. The table gives information for the past three years. A more detailed analysis is presented for 1982, as it is divided into three separate categories (upper 50%, average, and lower 50%). These groups are ranked based on per acre returns to unpaid labor and management income.

There was a dramatic difference (\$92.50 per acre) in labor and management income between the upper and lower 50% farms. Major reasons for the difference are that the lower 50% group had \$40 more cash expense per acre and \$56 greater charge for owned assets (interest not charged). The lower 50% group received nearly the same price (\$5.57 per bushel versus \$5.65) and 1 1/2 bushel higher yield, but it's higher cash and non-cash costs of production resulted in much lower net income.

Figure 1 - Income and Expenses of Per Acre Soybean Production, Ohio FBA, 1974-82

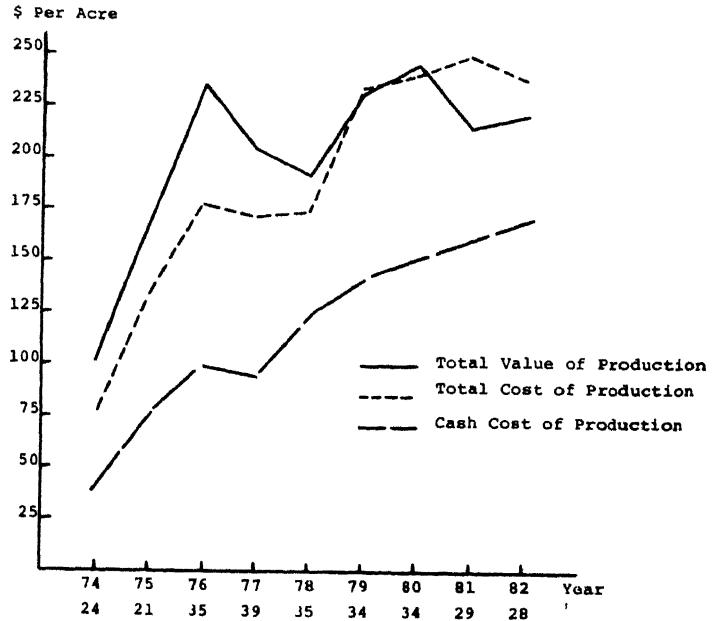


Figure 2 - Value and Expenses of Per Bushel Soybean Production, Ohio FBA, 1974-82

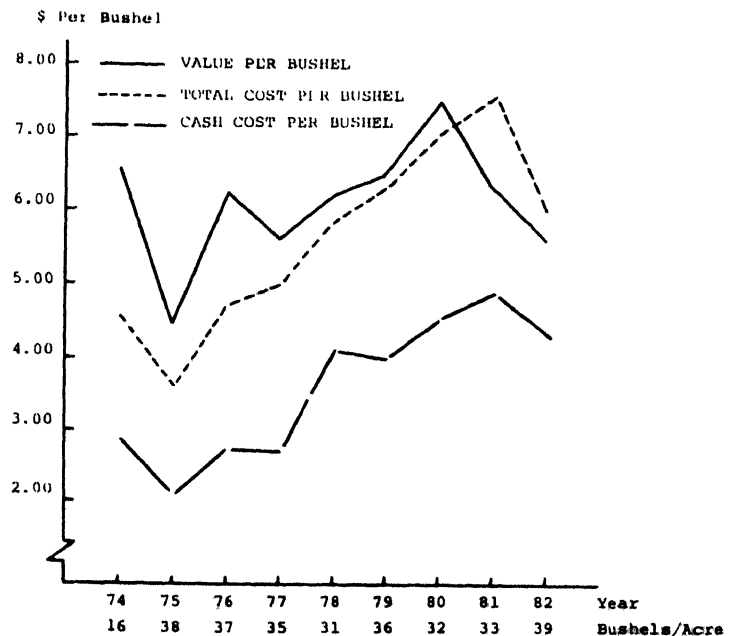


TABLE 1 -- SOYBEAN PRODUCTION INFORMATION
OHIO FARM BUSINESS ANALYSIS REPORT

	1982			1981	1980
	UPPER 50% PER ACRE	AVERAGE PER ACRE	LOWER 50% PER ACRE	AVERAGE PER ACRE	AVERAGE PER ACRE
TOTAL VALUE OF PRODUCTION	\$ 219.59	220.89	223.82	216.97	247.80
CASH EXPENSES					
HIRED LABOR	\$ 3.95	3.59	2.79	4.95	1.74
FARM SUPPLIES	\$ 17.61	19.20	22.73	14.25	15.85
MACHINE REPAIRS	\$ 8.62	10.20	13.76	10.82	8.72
BUILD, FENCE, ETC.	\$.25	.96	2.57	1.25	1.03
FUEL, OIL & GREASE	\$ 12.97	12.97	12.98	14.86	12.67
UTILITIES (FARM SHARE)	\$ 1.34	1.35	1.37	1.01	.98
DRYING AND STORAGE	\$.26	2.26	6.78	1.32	.68
MISC. EXPENSE	\$ 1.98	1.92	1.80	2.19	1.84
SEEDS AND PLANTS	\$ 10.55	11.69	14.24	16.27	14.04
FERTILIZER AND LIME	\$ 13.16	16.72	24.70	21.70	19.18
MACHINE HIRED TRUCKING	\$ 1.24	2.68	5.94	2.50	2.76
AUTO EXPENSE (FARM SHARE)	\$.79	.66	.38	1.48	1.13
INTEREST ON NOTES	\$ 28.66	34.28	46.88	28.29	38.95
TAXES (FARM SHARE)	\$ 1.55	2.62	5.02	3.79	3.77
RENT	\$ 51.93	45.50	31.05	32.35	24.30
INSURANCE (FARM SHARE)	\$ 2.48	3.08	4.43	3.27	3.80
TOTAL CASH EXPENSES	\$ 157.34	169.68	197.42	160.30	151.44
NON-CASH EXPENSES					
TOTAL DEPRECIATION	\$ 28.97	29.26	29.89	31.68	26.94
UNPAID OPR. AND FAM. LABOR	\$ 16.02	16.59	18.41	22.54	24.46
INTEREST NOT CHARGED	\$ 5.78	22.96	61.51	39.40	32.38
TOTAL NON-CASH EXPENSES	\$ 50.77	68.81	109.81	93.62	88.78
TOTAL EXPENSES OF PRODUCTION	\$ 208.11	238.49	307.23	253.92	240.22
MANAGEMENT INCOME AND PROFIT	\$ 11.48	-17.66	-83.41	-36.95	7.58
VALUE OF PRODUCTION - CASH COSTS	\$ 62.25	51.21	26.40	56.67	96.36
UNPAID LABOR AND MANAGEMENT INCOME					
TOTAL PER ACRE	\$ 27.50	-1.01	-65.00	-14.41	32.04
PER HOUR	\$ 8.74	-.33	-17.77	-3.34	5.63
GENERAL INFORMATION					
NUMBER OF ACRES	NO. 124	133	82	113	115
VALUE PER BUSHEL PRODUCED	\$ 5.65	5.61	5.57	6.50	7.50
TOTAL COST PER BUSHEL PRODUCED	\$ 5.36	6.06	7.65	7.61	7.27
CASH COST PER BUSHEL PRODUCED	\$ 4.05	4.31	4.91	4.80	4.58
PER ACRE INFORMATION					
BUSHELS PRODUCED	BU. 38.86	39.37	40.17	33.38	33.04
PRODUCTIVE MAN WORK UNITS	NO. .41	.42	.45	.54	.54
VALUE OF LABOR USED	\$ 19.97	20.18	21.20	27.49	26.20
TOTAL INVESTMENT	\$ 382.72	636.03	1204.41	752.12	792.53
RETURN ON INVESTMENT	\$ 45.92	39.58	24.98	30.74	78.91
PERCENT RETURN ON INVESTMENT	% 12.0	6.2	2.1	4.1	10.0
TURNOVER	\$/ \$.574	.347	.186	.288	.313
NO. OF FARMS	NO. 14	28	14	29	34