

Current and Average Prices For Use In Farm Planning

Ohio, 1967

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Introduction

Every farm manager makes many decisions that require consideration of future prices. Choosing between alternative plans for the use of available resources is an important managerial function. The primary purpose of planning or budgeting is to select the best course of action to achieve maximum future returns. Although we have little insight into the future, there are several tools and guides available to help us select our best alternative.

The Planning Horizon

Two quite different horizons must be kept in mind when making farm plans. First is an organizational or long run horizon which is far enough in the future that resources such as machinery and buildings, will be worn out and must be replaced to continue in production. Acquisition of long lived productive inputs is usually based on the assumption that they can be used efficiently until fully consumed or depreciated. This horizon may encompass 15 to 30 or more years.

A second shorter horizon is used for making current or operational decisions. This may be one year or one production cycle which in the case of crops consists of a season.

A Look in the Tool Box

Past prices provide one of the very useful tools in predicting future price relationships. Over periods of time prices tend to have a similar relationship one to another. Some of these relationships have been used as norms or standards (corn-hog ratios).

Historical price movements such as trends, cycles, and seasonal changes provide the farm manager with another useful tool. Price trends reflect changes that encompass several production cycles and show the effects of changes in our total economy. Cyclical movements, such as the cattle cycle, are related to the time required to expand or contract an enterprise.

Seasonal price changes are directly related to the production of a commodity during the year. Corn is usually at its lowest price during harvest and increase as the season progresses, dropping at the end of the feeding period or when the next crop is ready for harvest.

Guides

Past prices and price relationship can be very helpful to a manager in testing and evaluating his alternatives. However, it must be remembered that agriculture is not a separate distinct isolated segment of our national economy. Every manager should be aware of seasonal fluctuations, his position in the cycle and expected changes in the general economy.

The planning period under consideration is important when selecting the prices to use. Ideally we need to use the prices that will be realized as each part of the plan becomes operational. Current prices with minor adjustments for the position in the cycle may be our best estimate of next year's prices. For a longer planning period, an average of a period of years including both the high and low of one or several cycles, may provide the best price estimate. In any event the set of prices selected should be sufficiently recent to reflect comparable technology and long enough to average out one cycle.

Generally, commodities produced on farms and commodities such as processed feeds tend to rise and fall with the demand for farm products. However, items used in farm production such as fuel, machinery and utilities tend to be sticky and change slowly.

Summing Up

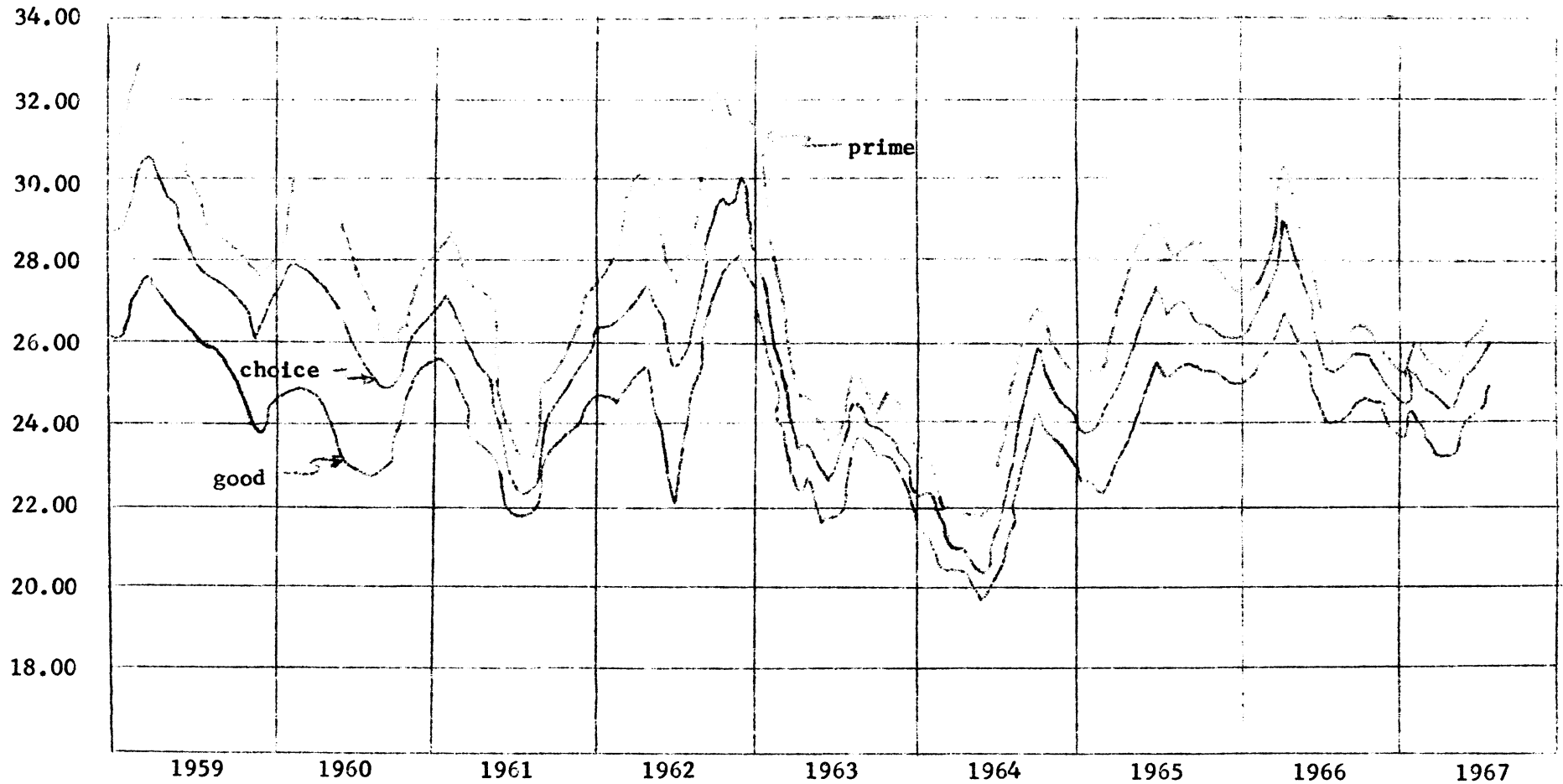
A farm manager must constantly estimate future prices of items he will need for production and of commodities he will have available for sale. No one set of prices is adequate to meet all of these needs. These tools and guides can be used to help select a desirable plan and accurately estimate anticipated future income. Adjustments must be made when selecting any set of prices for a particular farm program. Advantages of location, personal contacts, and operating conditions make each farm situation an individual consideration.

Livestock and Livestock Prices Received by Ohio Farmers

Item	20 Year Average	5 Year Average	Average	
	(1947-1966)	(1962-1966)	(1965)	(1966)
	Price per cwt.			
Market Hogs (200-220#)	19.03	18.31	21.08	23.37
Sows	16.73	15.92	19.03	19.77
Slaughter lambs	20.86	20.69	22.86	23.83
Feeder lambs (S. St. Paul)	-	19.79	22.91	23.58
Ewes	6.92	6.18	6.20	7.55
Veal calves	25.78	26.99	26.34	29.18
Cull cows: Commercial	17.32	15.49	14.58	18.31
Canners and cutters	13.78	13.86	12.82	16.73
Beef steers (900 - 1100#)				
Prime	-	26.27	26.83	27.00
Choice	-	25.34	25.73	26.20
Good	-	23.58	23.82	24.86
Fluid milk blend	4.65	4.56	4.52	5.22
Manufactured milk	3.59	3.40	3.35	4.03
	Price per unit			
Wool (per lb. ex government payment)	.505	.501	.49	.51
wool; government payment				
Eggs (dozen)	.385	.332	.320	.369
Broilers (per lb.)	.236	.160	.158	.166
Turkeys (per lb.)	.287	.222	.226	.234

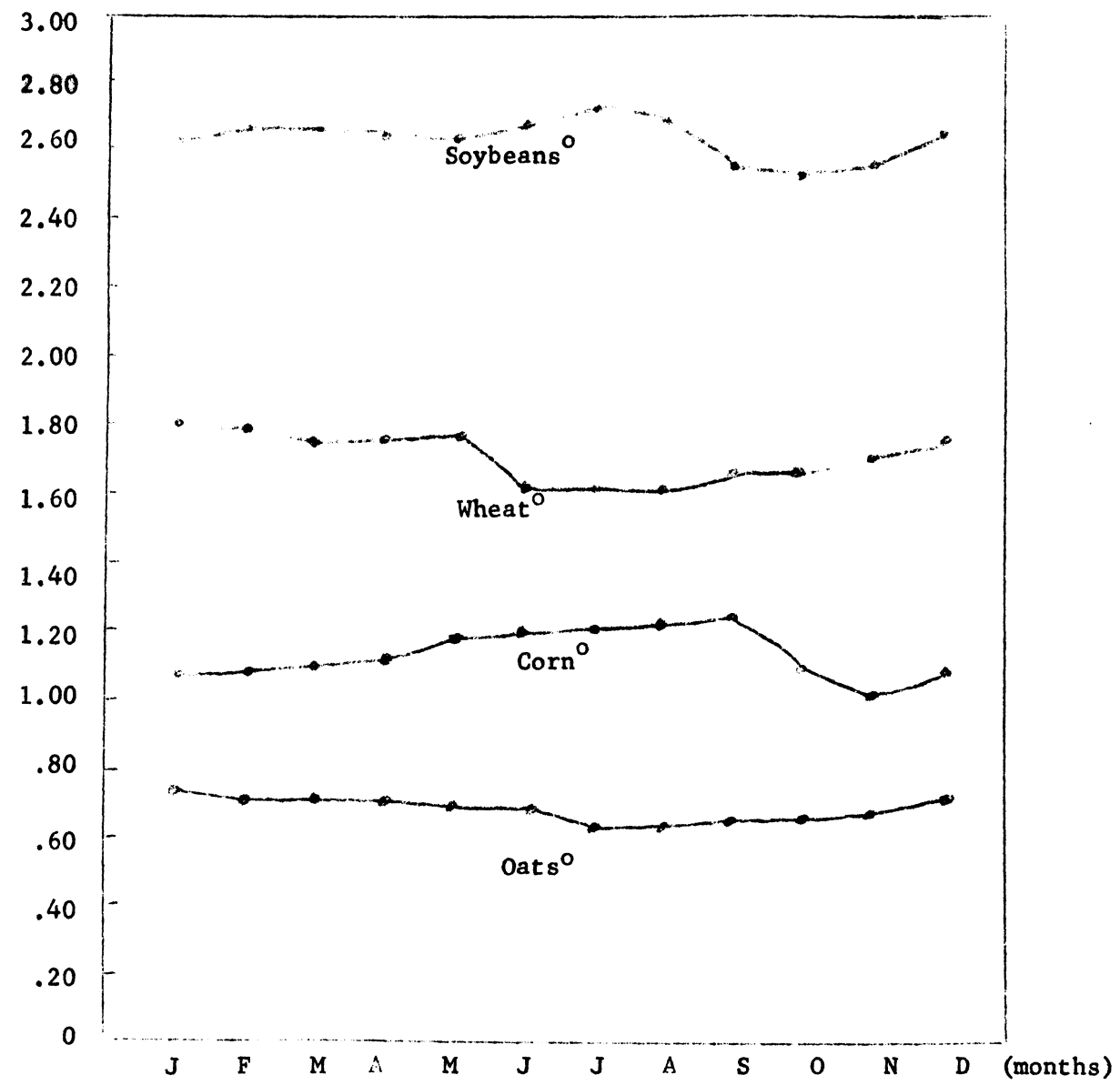
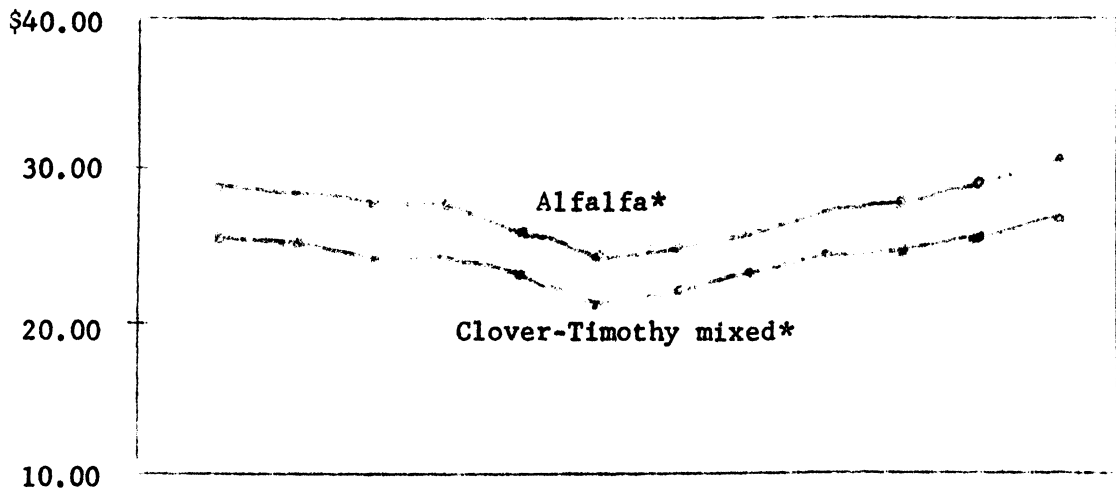
Source: Agricultural Prices, USDA, SRS.

AVERAGE MONTHLY PRICES OF 900-1100# SLAUGHTER STEERS
BY GRADE, CHICAGO, 1959-1967*



* Note that the seasonal price peak did not occur during the same month each year and is influenced by the position of the long time cycle. The price spread was about \$2.00 per hundredweight between the prime choice grades and about \$2.50 between the choice and good grade cattle.

AVERAGE MONTHLY PRICE (1962-1966) RECEIVED BY OHIO FARMERS FOR SELECTED CROPS



Source: Ohio Agricultural Prices

* \$ per ton

^o \$ per bushel

Grain and Hay Prices Received by Ohio Farmers for Selected Years

ITEM	20 Year Average (1947-1966)	5 Year Average (1962-1966)	Yearly Average				
			(1962)	(1963)	(1964)	(1965)	(1966)
Grains \$/bu. ^{1/}							
Corn	1.32	1.13	1.01	1.10	1.12	1.16	1.24
Wheat	1.92	1.68	1.94	1.88	1.61	1.38	1.61
Oats	.74	.68	.66	.68	.64	.70	.72
Soybeans	2.55	2.61	2.32	2.56	2.53	2.67	2.97
Hay \$/ton ^{2/}							
Alfalfa	26.11 ^{3/}	27.40	25.08	29.21	28.04	27.96	26.70
Mixed (C-T)	22.37 ^{3/}	24.22	21.75	25.79	24.67	24.91	24.00

^{1/} Grain prices delivered at elevator. Conditioning and hauling charges must be deducted to get net farm price.

^{2/} Average price for all cuttings, baled.

^{3/} 19 year average

Grain and Hay Received by Ohio Farmers by Month in 1966

Month	\$ Per Bushel ^{1/}				\$ Per ton ^{2/}	
	Corn	Wheat	Oats	Soybeans	Alfalfa	Mixed (clo.-Tim.)
Jan	1.13	1.38	.74	2.75	29.50	26.50
Feb.	1.13	1.39	.75	2.82	28.50	26.00
Mar	1.13	1.40	.74	2.74	27.50	24.50
Apr	1.17	1.38	.73	2.82	27.00	24.00
May	1.20	1.36	.73	2.95	25.40	23.50
Jun	1.21	1.31	.72	3.15	24.50	23.00
Jul	1.28	1.32	.70	3.48	25.50	23.00
Aug	1.36	1.41	.70	3.57	25.00	23.00
Sep	1.37	1.44	.70	3.00	26.00	22.50
Oct	1.29	1.46	.70	2.80	26.00	23.00
Nov	1.28	1.53	.72	2.76	27.00	24.00
Dec	1.30	1.63	.74	2.80	28.50	25.00
Av.	1.24	1.42	.72	2.97	26.70	24.00

^{1/} Grain prices delivered at elevator. Conditioning and hauling charges must be deducted to get net farm price.

^{2/} Average price for all cuttings, baled.

Source: Ohio Agricultural Prices

Feeder Cattle Prices Paid at Kansas City
for Selected Year

Feeder Steers (300-500#) Choice ^{1/}							
MONTH	5-Year Average	1962	1963	1964	1965	1966	1967 ^{2/}
January	26.74	27.19	29.50	26.01	22.85	28.19	29.69
February	27.73	28.70	29.68	26.16	23.16	30.96	29.69
March	28.18	28.80	29.10	26.64	23.92	32.45	30.01
April	28.14	29.50	29.48	25.29	25.14	31.27	30.21
May	27.93	28.98	28.96	24.17	25.75	31.80	30.85
June	27.84	28.96	29.21	24.02	26.10	30.90	30.75
July	27.40	29.29	29.42	23.42	25.85	29.02	30.75
August	27.16	29.04	28.66	22.90	25.41	29.81	
September	27.47	30.06	27.91	23.12	26.06	30.21	
October	27.28	30.53	27.04	22.63	26.12	30.09	
November	27.13	30.20	26.78	22.82	26.15	29.71	
December	26.79	29.34	25.74	22.45	27.13	29.31	
Average	27.51	29.34	28.46	24.14	25.30	30.31	

Feeder Steers (500-800#) Good ^{1/}							
MONTH	5-Year Average	1962	1963	1964	1965	1966	1967 ^{2/}
January	22.76	23.75	25.14	21.32	19.56	24.01	23.36
February	22.78	23.91	24.42	20.76	19.41	25.40	23.44
March	23.21	24.52	24.00	20.92	20.05	26.57	23.08
April	23.25	24.78	24.18	19.82	21.19	26.26	23.26
May	23.24	24.37	23.74	19.41	22.27	26.39	24.97
June	23.39	24.66	24.18	19.87	22.88	25.37	25.04
July	23.05	24.80	24.77	19.08	22.68	23.91	26.08
August	22.98	24.77	24.15	18.66	22.52	24.78	
September	23.17	25.51	23.56	19.38	22.50	24.88	
October	22.67	25.43	22.84	18.83	22.50	23.74	
November	22.83	26.28	22.41	19.42	22.47	23.55	
December	22.45	25.74	21.14	19.06	23.27	23.06	
Average	22.98	24.88	23.71	19.71	21.78	24.83	

^{1/} Price differential between choice and good in a given class averaged about \$2.50. Heifers average \$2.50-3.00/cwt. less than steers.

^{2/} 1967 prices not included in any averages.

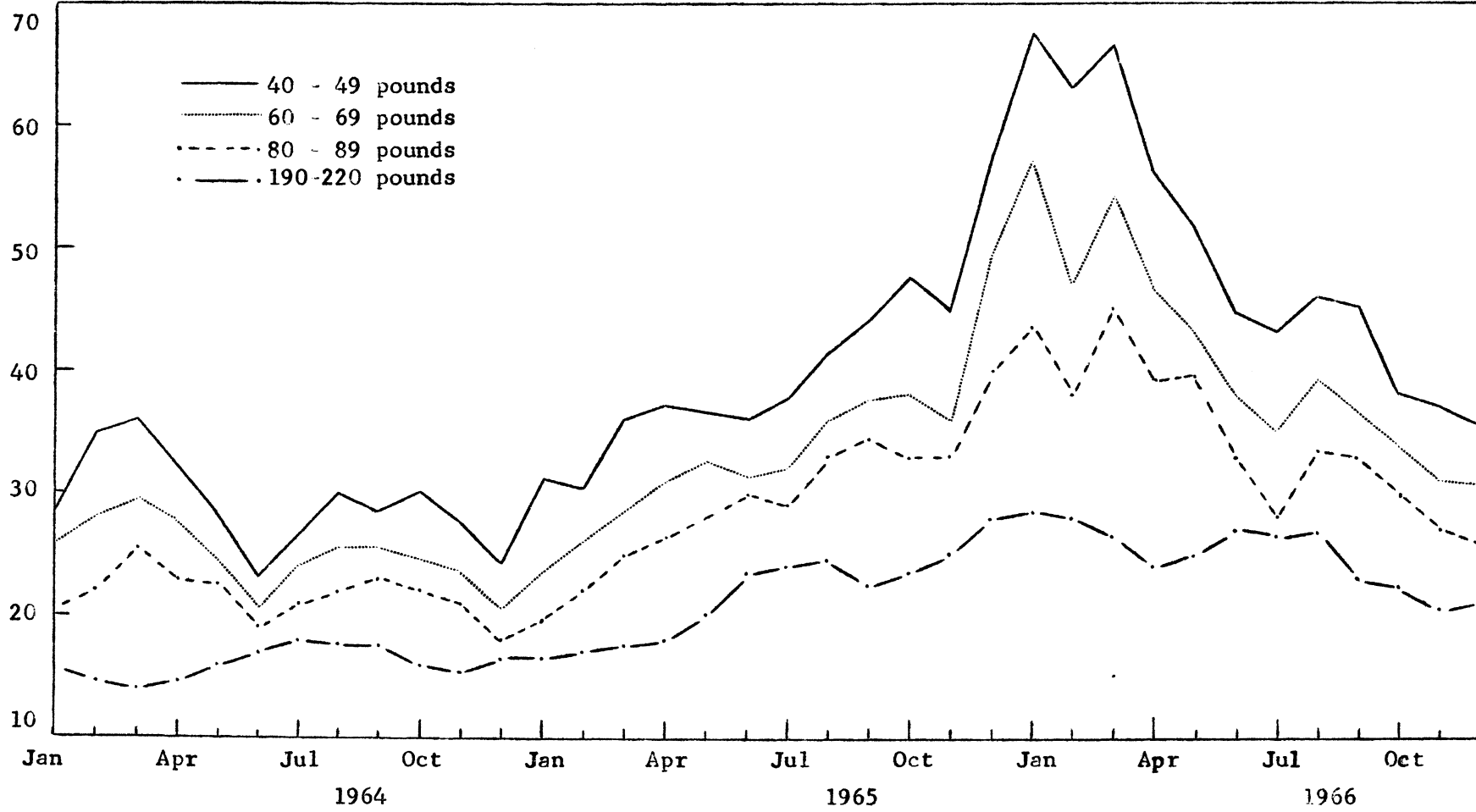
Source: Livestock Situation, Market News Livestock Division, and Agricultural Prices.

The cost of getting the animals from Kansas City to Ohio rail stations (commission, yardage and freight) were an additional \$2.00/cwt. Trucking charges from the rail station or sales pavilion were 25¢ to 50¢ per hundredweight depending upon the distance hauled.

Southeastern Ohio cattle delivered in the feedlot cost about the same price as comparable grade animals in Kansas City. The delivered farm cost of cattle purchases from Kansas City was \$1.50 to \$2.00 per hundredweight higher than southeastern Ohio cattle.

Average Monthly Prices Paid for Graded Feeder Pigs
and Market Hogs, Ohio, 1964 - 1966

Dollars per cwt.



Retail Prices of Commercial Feeds
Per Hundredweight, Ohio, 1964, 1965, 1966 and 1967 ^{1/}

FEED	Price Per Cwt.			
	1964	1965	1966	August 1967
Beef Supplement	5.80	5.97	6.36	6.16
Pig Supplement	5.97	6.10	6.69	6.43
Sow and Pig Supplement	5.94	5.96	6.35	6.09
40% Pork Maker	5.92	6.17	6.76	6.54
32% Dairy Supplement	4.33	4.53	4.98	4.72
Calf Pellets	6.18	6.30	6.70	6.15
Calf Maker	18.08	20.04	21.16	21.71
Lamb Pellets	3.37	3.46	3.62	3.53
Sheep Pellets	5.69	5.90	6.38	6.12
Free Choice Minerals	4.27	4.32	4.00	4.04
		Dec.		
		1965	1966	August 1967
Alfalfa Meal 17%		3.74	3.94	3.79
Cottonseed Meal 41%		5.27	5.82	5.56
Linseed Meal		5.62	5.96	5.76
		Price Per Ton		
		Dec.		
		1965	1966	August 1967
Alfalfa Meal Dehy 17%		63.75	69.62	67.26
Cottonseed Meal 41%		99.00	113.26	106.44
Linseed Meal 34%		99.00	109.52	107.38
Soybean Oil Meal 44% (Bulk)		83.75	99.19	5.14
Soybean Oil Meal 44% (Bagged)		95.60	114.66	111.81

^{1/} Ohio Farm Bureau monthly retail prices.

Retail Prices of Fertilizers Per Ton,
Ohio, Fall and Spring 1964, 1965 and 1966

ANALYSIS	Price					
	1964		1965		1966	
	Spring	Fall	Spring	Fall	Spring	Fall
Mixed Fertilizers ^{1/}						
3-12-12	52	53	54	54	-	-
4-16-16	62	62	64	65	-	-
5-20-20	73	74	75	75	74	74
6-24-12	74	75	76	77	75	75
6-24-24	86	87	89	87	85	85
12-12-12	70	71	72	71	71	71
0-20-20	63.3	63	64	64	64	64
8-32-16					95	94
Nitrogen						
Anhydrous Ammonia	135	130	125	115	105	110
Ammonium Nitrate	81	78	80	80	77	76
Sulphate of Ammonia	50	48	50	51	54	50
Urea (45%)	105	100	100	100	99	99
Elemental						
Superphosphate (20%)	42	43	46	46	45	45
Treble Superphosphate (45%)			75	77	-	-
Muriate of Potash (55%)	56	54	56	51	56	55
Rock Phosphate			23	26	-	-
Agricultural Limestone (at lime plant)						
45% through 100 mesh screen (bulk)	<u>2.15</u>	<u>2/</u>	<u>2.40</u>	<u>2/</u>	<u>2.40</u>	<u>2/</u>
60% through 100 mesh screen (bulk)	<u>2.80</u>	<u>2/</u>	<u>3.10</u>	<u>2/</u>	<u>3.10</u>	<u>2/</u>
98% through 100 mesh screen (bag)	<u>6.70</u>	<u>2/</u>	<u>7.00</u>	<u>2/</u>	<u>7.00</u>	<u>2/</u>

Source: Lime prices from Marble Cliff Quarries. All others from Agricultural Prices.

^{1/} Bulk fertilizer \$5.00 less per ton.

^{2/} Price at plant. The percent which passes through a 100 mesh screen is roughly the percent that will become available during the first 3 years.

(Hauling charges of 7¢/ton-mile and spreading charges of \$.50 per acre should be added to the price per ton)

Retail Prices of Purchased Farm Seeds
Ohio, Selected Years

Farm Seeds	Priced Unit	Pound Per Bushel	Average (1962-1966)	Average (1965)	Average (1966)
Seed Wheat	bu.	60	2.92	2.60	3.15
Seed Oats	bu.	32	1.61	1.58	1.74
Seed Corn	bu.	56	10.96	11.00	11.70
Soybean Seed	bu.	60	4.02	4.25	4.27
Red Clover	bu.	60	24.75	21.30	21.60
Alfalfa (Certified)	bu.	60	34.79	32.88	34.08
Alfalfa (Uncertified)	bu.	60	27.18	24.78	26.46
Sweet Clover	bu.	60	11.90	9.53	9.30
Alsike Clover	bu.	60	18.66	19.80	18.48
Timothy	bu.	45	11.30	12.82	11.70
Brome	lb.	14	.31	.28	.27
Orchard grass	lb.	14	.41	.38	.38
Fescue	lb.	25	.30	.24	.23
Rye Grass	lb.		.15	.14	.16
Ladino Clover	lb.	60	.90	.86	.85

Source: Agricultural prices. USDA, SRS.

Note: Certified seeds are slightly higher. Sale prices of farm produced seeds are about 80% of the retail price. Cleaning and treating of small grains cost \$.25 per bushel. Cleaning legume seeds cost 1¢ per pound.

Electricity, Telephone and Milk Hauling Expenses
Ohio, 1966

ITEM	COST PER UNIT
<u>Electricity (per month)</u>	
Dairy Farms	32.20
Corn-Hog Farms	17.94
Cash Crop-Grain Farms	14.28
Beef Farms	18.89
<u>Telephone (per month)</u>	7.07
<u>Hauling Charge for Milk (per Cwt.)</u>	
	Central Ohio
Bulk	0.27
Cans	0.40

Source: 1966 Ohio Farm Account Summaries

Labor, Fuel Consumption, Insurance, Taxes and
Interest Rates, Ohio, 1966

<u>Item</u>	<u>Cost Per Unit</u>
Labor	
	<u>Wage</u>
Per hour without board	\$ 1.50
Per month--house, etc. furnished	2.50
Dairy workers per month--house, etc.	250.00 to 300.00
Fuel and Oil (1966 Ohio Farm Record Analysis Reports)	
	<u>Average Per Crop Acre</u>
Beef Farms	\$ 5.71
Dairy Farms	6.21
Corn-Hog Farms	6.33
Cash Crop-Grain Farms	4.23
Average Fuel Consumption Under Rated Loads (Nebraska Tractor Tests)	
	<u>Gallons Per Hour</u>
2-3 plow tractor (gasoline)	3.5
2-3 plow tractor (diesel)	3.0
3-4 plow tractor (gasoline)	4.1
3-4 plow tractor (diesel)	3.3
4-5 plow tractor (gasoline)	6.0
4-5 plow tractor (diesel)	5.2
5-6 plow tractor (gasoline)	7.7
5-6 plow tractor (diesel)	6.4
6-7 plow tractor (diesel)	7.5
Gasoline and Oil	
	<u>Per Gallon</u>
Gasoline (includes 7¢/gal. Ohio tax)	0.28
Lubricating Oil	1.25
No. 2 Diesel Fuel (no tax)	0.16
Insurance, Mutual Companies	
	<u>Per \$1,000 of Coverage</u>
(Fire, lightning, hail and windstorm)	\$ 4.00
80% minimum coverage required for buildings and livestock	
Taxes*	
	<u>Per \$1,000 Assessed Valuation</u>
Rural hill land counties	\$ 25.00 to 33.00
Rural flat land counties	27.00 to 35.00
Urbanized counties	30.00 to 40.00
* Real estate is assessed at about 45% Market Valuation. Personal Property is assessed at 50% of Depreciated Valuation--and may not be depreciated below 25% of original value.	
Interest Rates	
	<u>Per Cent</u>
Long-term real estate loans	\$ 5.50 to 7.00
Intermediate and short-term credit	7.00 to 8.50

Spray Materials

Atrazine 80% WP	\$ 2.30/lb.
Lorox	2.85/lb.
2, 4-D ester 4# formulation	3.98/gal.
2, 4-D ester 3.3# formulation	3.19/gal.
CIPC (in 5 gal. can)	7.50/gal.
alanap 3	4.50/gal.
alanap 3 (granular)	.35/lb.
Knox-weed 42% WP	13.00/gal.
Knox-weed 52% granular	.28½/lb.

Machinery and Equipment Prices

The price paid by farmers for machinery and equipment varies considerably. Many things enter into the determination of the price such as the aggressiveness of the dealer, the machines traded in, the total value of the machine being bargained for, the size of the deal (how many machines and how many dollars are involved), public relations, the possibility of future purchases by the farmer, the amount of servicing required, and your bargaining ability. Dealers may accept a general pricing policy such as their cost plus a set mark-up of 5 to 18 percent, others discount the manufacturers suggested retail price.

Quality of workmanship and materials, and the options selected influence the price of machinery and equipment. An item considered standard equipment by one company may be considered optional by another. Thus the basic machine price may vary considerably from one company to another.

Factors other than price should be carefully considered before purchasing machinery. Among these factors are: 1. The reliability of the company and how well do they stand behind their products. 2. The service policy and practice of the individual dealer. 3. How readily available are parts and services. 4. Will it really do the job you want it to do.

Prices quoted on the following pages were computed from the prices quoted for the machines equipped as the farmers most often purchased them. The prices quoted by six machinery companies as their "most usual" selling price were averaged to obtain the prices quoted on the following pages. The general range of prices would be approximately the average price plus or minus 5 percent.

New Machinery and Equipment Prices, 1966

TRACTORS ^{1/}

PTO-HP Range	Plow Size	Average PTO-HP		Average Price ^{2/}	
		Gasoline	Diesel	Gasoline	Diesel
35-45	2-3	39	40	\$ 3725	\$ 4075
45-60	3-4	54	56	5125	5750
60-75	4-5	67	68	6000	6725
75-95	5-6	89	91	6950	7875
95+	6-7	--	116	----	9425

^{1/} All tractors with 3 point hitch, live PTO, power steering, fenders, lights, and speed-hour meter. 2-3 plow utility tractor with rear hydraulic outlet, all others both ~~front~~ and rear outlets. 4-5 plow tractors and larger equipped with power brakes.

CORN PLANTERS

	Averages Prices ^{2/}		
	2 Row	4 Row	6 Row (Narrow)
Basic Unit	\$ 425	\$ 825	\$ 1125
Dry Fertilizer Attachment	125	275	450
Liquid Fertilizer Attachment	125	350	500
Dry Herbicide Attachment	75	150	225
Liquid Herbicide Attachment	---	225	300

Machine	Average Price ^{2/}
---------	-----------------------------

Plow (either 3 point mounted or semi-mounted. W/all cylinders and tires needed for operation. 2,3 bottoms w/16" std. rolling colters all other w/18")

2-14	\$ 330
3-14	540
4-14	920
5-14	1250
2-16	370
3-16	570
4-16	1010
5-16	1270
6-16	1600
7-16	1930
Chisel plow 9'	785

^{2/} Average of suggested Columbus retail prices as quoted by leading manufacturers.

Disks-Harrows (w/tires and cylinders, 18' blades and regular bearings)	
9' light	\$ 750
12' light	910
15' light	1050
12' heavy	1020
15' heavy	1280
18' heavy	1680
21' heavy	1880
Spring Tooth Harrows (with hitch)	
12'	240
15'	350
18'	480
Spike Tooth Harrow (with evener)	
12'	140
24'	280
Field Cultivators	
8' mounted	250
10' mounted	320
14' mounted	550
14' pull (with tires and cylinders)	770
Subsoilers	
1 knife	130
2 knives	250
Fertilizer Spreaders	
10'	420
12'	475
Rotary Hoe (heavy sections)	
4 row pull	550
4 row mounted	660
Cultivators (with sweeps, shields, and cylinders, if needed)	
2 row front mount	490
4 row front mount	950
4 row rear mount	830
6 row rear mount (narrow row)	1100
4 row rolling cultivator	1125
Corn pickers	
1 row pull	1800
2 row pull	2900
2 row mounted	3725
sheller for 2 row mounted	1100
Corn Heads for S.P. Combines	
2 row	2100
3 row (narrow)	3625
4 row	4525

Grain Drills (Fert. and grass hoppers, w/band seeding attach. w/tires,
w/o cylinder)

13 x 7	\$ 1050
15 x 7	1200
17 x 7	1325

Combines:

7' PTO	3050
10' S.P. 40-50 hp engine	7125
12' S.P. 40-50 hp engine	7550
12' S.P. 50-70 hp engine	8375
14' S.P. 90 hp engine	9950
16' S.P. 90 hp engine	11450
Cab for above	625
Hydro Static drive	825

Mowers:

7' mounted	550
7' pull (w/tires & cylinders)	625

Mower-Conditioner:

7' pull	1750
9' pull	2250

Windrowers:

12' pull	1250
10' S.P.	4150
12' S.P.	4250
14' S.P.	4825

Hay Conditioner

850

Side Delivery Rakes:

7' mounted	575
7' pull (w/tires)	600
9' mounted	625
9' pull (w/tires)	650

Balers: (twine tie w/tires)

12-14 T/hr. PTO	1850
16-18 T/hr PTO	2100
16-18 T/hr Aux. Engine	2650

Bale Thrower

525

Forage Harvesters:

One Row	
Basic Unit	1925
Windrow Pickup	500
Cutter Bar Pickup	775
Row Crop Unit	625

Two Row

Basic Unit	2450
Windrow Pickup	575
Cutter Bar Pickup	875
Row Crop Unit	900

Forage Wagons: (w/o gears, w/front, side & rear delivery, multispeed)	
14'	\$ 1525
16'	1675
Forage Blower (w/pipe for 60' silo)	860
Wagons: (Gear 6 ton capacity w/tires)	
6 T Gear	300
7' x 14' Box	325
6 T Hoist	110
125 bu. grain box	220
255 bu. grain box	375
Elevators: (PTO)	
24'	525
32'	600
40'	800
50'	1025
Grain Augers:	
4" Max. Capacity 600 bu./hr. (without motor, hoppers, or transport)	
11' requires 2 hp gas or $\frac{1}{2}$ hp electric	23
15' requires 2 hp gas or $\frac{1}{2}$ hp electric	27
20' requires 2 hp gas or $\frac{1}{2}$ hp electric	35
(Portable with hoppers & transports)	
6" D 31' long (PTO)	475
6" D 41' long (PTO) with downspout	625
8" D 52' long (PTO)	950
Portable Grinder-Mixer:	
75 bu.	1700
90 bu.	1800
Auger Feed Wagons	
90 bu.	610
125 bu.	700
Manure Spreaders: (w/o tires)	
100 bu. Ground drive	660
100 bu. PTO	720
150 bu. PTO	940
180 bu. PTO	1075
240 bu. PTO	1640
Front End Tractor Loader	600
Rear End Tractor Blade	210
Elevators: (Gas eng. or Electric Motor, Not included)	
24'	500
32'	675
40'	875
50'	1025

Following is an example comparing new and used machine prices.

Comparison of New and Used Machinery Prices

EXAMPLE ONLY

Machine	New	2 yr. old	5 yr. old
35-45 PTO HP Tractor (gasoline)	3725	2500	1975
45-60 PTO HP Tractor (gasoline)	5125	3350	2425
60-75 PTO HP Tractor (gasoline)	6000	4100	3150
75-95 PTO HP Tractor (gasoline)	6950	5050	3775
10' combine	7125	4600	3100
16-18 T/hr. string tie baler (motor)	2650	1500	1050

FARM TRUCKS

1967 Prices

3/4 Ton Pickup - Wide Box

700 x 16 6 ply tires
heavy duty front & rear springs & helpers
4 spd trans
rear bumper
radio

Total Price including freight & dealer handling
\$2,750.00

1 Ton Chassis & Cab

750 x 16 8 ply tires dual rear
HD springs Fr & Rear & helpers
4 spd - std
spare wheel & carrier
west coast mirrors

Price -- \$2,800.00

9' factory stake body \$260.00 extra
9' combination fold-down \$300.00 extra

2 Ton Chassis & Cab

825 x 20 dual rear 10 ply tires
2 spd rear axle
HD springs Fr & Rear & helpers
west coast mirrors clearance lights
spare wheel & carrier 6½" rims

Price -- \$4,150.00

14' combination fold down \$800.00

Miscellaneous Livestock Equipment Prices Paid by
Ohio Farmers, 1966

Item	Price 1966
<u>Bulk milk tanks</u> (includes \$150 installation charge)	
400 gallon	\$2,315.00
545 gallon	2,635.00
625 gallon	2,850.00
850 gallon	3,510.00
1000 gallon	3,810.00
<u>Stock tanks</u>	
180 gallon	29.00
300 gallon	39.00
Electric heated automatic hog water fountain (2 hole)	29.00
Electric heated automatic cattle water fountain (50-70 head)	115.00
70 gallon hog drinking fountain	56.00
Electric fountain heater for above	9.00
Kerosene fountain heater for above	9.00
<u>Metal self-hog feeders</u>	
18 bu. (8 door)	50.00-65.00
35 bu. (12 door)	70.00-85.00
50 bu. (12 door)	85.00-110.00
14 bu. feed cart (silage or grain)	68.50
Water hydrants	12.00-15.00
1" plastic pipe	.20/ft.
Pig brooder lamps	5.00
Farrowing Crate	45.00
Electric litter pad for Pigs	22.50
single unit	22.50
double unit	33.00

Buildings, Building and Fence Material Prices
Ohio, 1966

Item	Price
<u>Fencing Materials</u>	
Locust or Cedar line posts	.60 ea.
Locust or Cedar end posts	3.00 ea.
7' steel posts	1.15 ea.
32" hog fence 10# top-#12½ barbed bottom	1.35 rd.
47" #10-12" stay woven wire	1.35 rd.
4-pt. barbed wire #12½	14.00/80 rd.
Electric fence charger (battery type)	20.00 ea.
Battery for fence charger	3.50 ea.
Hi-Line fence charger	\$20.00-38.00 ea.
Electric fence insulators	6.85/100
Copper-covered electric fence wire	10.00/160 rd.
38" steel posts with insulators	.40 ea.
16' steel gate	34.00 ea.

Building Materials

Ready-mix concrete (12-mile radius)	\$17.50/cu.yd.
Additional charge outside 12-mile radius	.20/mile
Concrete blocks (8 x 8 x 16)	.22 ea.
Charge for laying blocks	.25 ea.

48" snow fence 10.75/50 ft.

Rough cut hardwood lumber (dry)	.13/bd.ft.
Rough cut hardwood lumber (green)	.06-.10/bd.ft.
Hemlock or Fir dimension lumber	140.00/M
1" #2 yellow pine	130.00/M
1" #4 fir	120.00/M
#2 yellow pine shiplap	145.00/M
2" Creosote treated lumber	.22/bd.ft.

Saw timber (standing)

#2 Hard maple	\$30.00-\$75.00 range	51.00/M
White Oak	\$15.00-\$70.00 range	47.00/M
Ash	\$30.00-\$60.00 range	44.00/M

Creosote Poles (delivered in county)

<u>Top Diameter</u>	<u>Length</u>	
5"	12'	5.50
5"	16'	7.12
5"	18'	8.42
5"	20'	9.67
5"	25'	14.19
5"	30'	18.48
6"	12'	7.06
6"	16'	9.33
6"	18'	10.96
6"	20'	12.60
6"	25'	17.29
6"	30'	24.24
7"	12'	8.88
7"	16'	12.69
7"	20'	15.88
7"	25'	20.94

Galvanized roofing	15.50/square
Aluminum roofing	20.50/square

Buildings (erected price)

Poultry buildings	1.40/sq. ft.
Hog finishing units	1.50-2.00/sq. ft. floor space
Farrowing barns (20 sow unit complete with stalls, electric heat pads, and insulation)	5.00/sq. ft.

Pole-type loafing barns (metal siding, open front and
creosote kick panels - earth floor)

3,000 sq. ft.	1.25/sq. ft.
4,000 sq. ft.	1.22/sq. ft.
4,600 sq. ft.	1.19/sq. ft.
5,500 sq. ft.	1.16/sq. ft.

For larger sizes use base price for the 5,500 sq. ft. building and add \$1.00 for each additional square foot.

Pole-type machinery sheds (Metal siding, open front)	
1,300 sq. ft.	1.52/sq.ft.
1,600 sq. ft.	1.46/sq.ft.
1,900 sq. ft.	1.38/sq.ft.
2,230 sq. ft.	1.33/sq.ft.
2,550 sq. ft.	1.29/sq.ft.

Larger sizes cost an additional \$1.00 per sq. ft. added.

For wood siding instead of metal siding add 7% to the total cost.
Materials cost approximately 70% of the total erected cost.

Pole-Type Wood-Slat Corn Cribs with Concrete Floor Erected

1,000 bu. capacity	900.00
4,000 bu. capacity	2400.00
2,700 bu. double crib	2700.00

Metal Bar-Mesh Corn Cribs with Concrete Floor Erected

800 bu.	495.00
1,100 bu.	620.00
1,500 bu.	647.00

Steel Grain Bins Erected

1,100 bu.	355.00
1,500 bu.	435.00
2,100 bu.	625.00
3,100 bu.	800.00

Grain Equipment

FOB Columbus, Ohio
Price

Continuous Flow Dryers

230 bu/hr* capacity - PTO	6611.00
- Electric	7813.00
350 bu/hr* capacity - Electric	13605.00
(* corn 25% to 15%)	

In-storage Drying Bins (with Dryer)

3,300 bu.	3225.00
4,500 bu.	3850.00
6,000 bu.	4350.00
9,100 bu.	5850.00
13,500 bu.	8750.00

In-Storage Drying Bins Erected (without dryer)

1,000 bu.	495.00
1,250 bu.	535.00
1,500 bu.	740.00
2,000 bu.	830.00
3,000 bu.	1000.00

Bins equipped with perforated floors and airducts to dry grains while in storage. This does not include cost of fans and heater. Cost of bins are approximately the same whether steel foundation ring or concrete floor is used. Materials for cribs and grainarie are 75% of erected cost.

SilosBunker (concrete floor with creosote wood sides)

100 ton (6' x 15' x 69')	774.00
200 ton (6' x 20' x 101')	1264.00
300 ton (6' x 30' x 101')	1527.00

Tower Concrete stave

100 ton (12' x 40')	2100.00
140 ton (14' x 40')	2300.00
250 ton (16' x 50')	2600.00
315 ton (18' x 50')	3200.00
540 ton (20' x 60')	4100.00
16' silo unloader	1300.00

Individual Farrowing Houses

6' x 7'	74.00
11' x 8'	125.00

Concrete feeding floor or paved yards (material cost/sq.yd) 2.50-3.00

Source: Agricultural Prices, USDA, SRS; Tractor and Farm Equipment Guide compiled by National Farm & Power Equipment Dealers Association and the district offices of the following manufacturers; International Harvester, John Deere, Massey Ferguson, J. J. Case, Oliver, and Minneapolis Moline.