

What Can A Farmer Afford to Pay For Feeder Pigs?
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Importance of Feeder Pig Sales
From 1954 to 1959 considerable change occurred in the production of swine in Ohio. According to the United States Census 67,300 farmers marketed 3,214,000 hogs in 1954; but in 1959, 54,215 farmers marketed 3,883,000 head. This was a decrease of 19 per cent in the number of farmers marketing hogs while it is an increase of 21 per cent in the number of hogs marketed in Ohio. This is an indication that hog production is becoming more specialized and being produced on larger units.

Two phases of specialization that are developing in the hog enterprise are (l) production of pigs for sale and (2) the buying and feeding out of pigs to slaughter weights. Some farmers prefer to specialize due to their available resources and skill. It is estimated that 15 per cent of Ohio's pig production is sold as feeder pigs. According to the U. S. Crop Reporting Service, Ohio imported 133,000 head of feeder pigs from other states in 1960.

With the increase in the feeder pig business the problem of how much a feeder can afford to pay for pigs becomes of greater importance.

[^0]The maximum price a farmer can pay for feeder pigs and still pay all costs of producing slaughter hogs depends upon (1) the weight of the pigs; (2) the selling price of slaughter hogs; (3) the price of feed, especially corn; (4) amount of feed required to produce a pound of grain; (5) other production costs and (6) the managerial ability of the feeder.

## How Prices Were Calculated

Feeder pig prices by the head and by the hundred weight are shown in tables 4 to 11 for varying conditions. These prices are based on eight possible selling prices for market hogs, seven different prices for corn, and thirteen different weights for feeder pigs. Using each of the different possibilities, feeder pig prices were calculated in the following way:

| Maximum | Expected | Total |
| :--- | :--- | :--- |
| price | selling | cost of |
| that can | price | growing |
| be paid equals | for a mus | and |
| for | 215 |  |
| feeder |  | pound |
| pigs | market | marketing |
|  | hog | the feeder |
|  |  |  |

The value of feeder pigs depends greatly on the selling price of slaughter hogs. The total value of a market hog was determined by multiplying the expected selling price per hundred pounds by 215. This procedure was based on the assumption that all feeder pigs would be fed out and marketed at 215 pound weights.

The total cost including a charge for labor for growing and marketing a 215 pound hog from a feeder pig was determined by adding the following items:
l - Cost of Corn and Other Grains Needed. Since corn is the principal grain used in hog rations, charges for grain were figured on the basis of corn alone. This procedure was justified on the basis that prices for the feed-grains usually follow the same general trend as corn prices.

2 - Cost of Protein Supplement Required. The cost of this item was figured at $\$ .05$ a pound. Higher or lower prices for protein supplement would change feed costs slightly. These changes would not effect to any great extent the amount a farmer could pay for feeder pigs.

3 - Value of Labor Used. Cost of labor was figured at $\$ 1.00$ an hour. Some farmers will have higher labor charges than others. Some farmers may want to charge a higher hourly rate for labor than others. Any changes of this type will only slightly raise or lower the feeder pig prices given in this bulletin.

4 - Cost of Marketing a 215 Pound Hog. Marketing costs were estimated to average $\$ . \overline{75}$ a head for slaughter hogs. This charge is large enough to include yardage, commission and transportation for most producers.

5 - Cost of Housing and Equipment. This charge varied from $\$ .40$ a head for the lighter pigs to $\$ .30$ for the heavier ones. This charge includes depreciation, repairs and interest on the buildings and equipment used in feeding pigs to slaughter weights. These charges are based on the assumption that buildings and equipment are used to full capacity during the year.

6 - Death Loss and Veterinary Costs. These costs are shown in table lif different selling prices for market hogs. These charges do not include
the cost of cholera vaccination which was assumed to be paid by the seller.

Table l- Death Loss and Veterinary Charges Used in Figuring Costs

| Expected selling | Death Loss and <br> veterinary charges <br> per head |
| :---: | :---: |
|  |  |
| $\$ 10$ | $\$ .56$ |
| $\$ 12$ | $\$ .67$ |
| $\$ 14$ | $\$ .78$ |
| $\$ 16$ | $\$ .89$ |
| $\$ 18$ | $\$ 1.00$ |
| $\$ 20$ | $\$ 1.11$ |
| $\$ 22$ | $\$ 1.22$ |
| $\$ 24$ | $\$ 1.33$ |

7 - Interest on Money Invested in the Hog. Table 2 shows the interest charges used for different size pigs. This cost is about 6 per cent of the mid-value of the pig while it was on the farm.

Table 2- Interest Charges Used in Figuring Costs

| Weight of pig | Interest charges when expected selling price per cwt. for slaughter hogs is: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| lbs. | \$10 | \$12 | \$14 | \$16 | $\$ 18$ | \$20 | \$22 | \$24 |  |
| 30 | . 30 | . 36 | . 42 | . 48 | . 54 | . 60 | . 66 | . 72 |  |
| 40 | . 28 | . 34 | . 40 | . 45 | . 51 | . 57 | . 62 | . 68 |  |
| 50 | . 27 | . 32 | . 38 | . 43 | . 48 | . 53 | . 59 | . 64 |  |
| 60 | . 25 | . 30 | . 36 | .40 | . 45 | . 50 | . 55 | . 60 |  |
| 70 | . 23 | . 28 | $\bigcirc 34$ | . 37 | . 42 | . 47 | . 51 | . 56 |  |
| 80 | . 22 | . 26 | . 32 | . 35 | . 39 | . 43 | . 48 | . 52 |  |
| 90 | . 20 | . 24 | . 30 | . 32 | . 36 | . 40 | . 44 | . 48 |  |
| 100 | . 18 | . 22 | . 28 | . 29 | . 33 | . 37 | . 40 | . 44 |  |
| 120 | . 16 | . 20 | . 26 | . 26 | . 30 | . 33 | . 36 | . 40 |  |
| 130 | . 14 | . 18 | . 24 | . 23 | . 27 | . 30 | . 32 | - 36 |  |
| 140 | . 12 | . 16 | . 22 | . 20 | . 24 | . 27 | . 28 | . 32 |  |
| 150 | . 11 | . 14 | . 20 | . 18 | . 21 | . 24 | . 24 | . 28 |  |

Table 3 shows the amount of grain and protein supplement used in calculating costs of feeding pigs of different sizes to a market weight of 215 pounds. These requirements are based on the amount of feed normally fed by average or slightly better hog feeders. Below average hog feeders would have higher feed costs which would mean that they could not pay quite as much for feeder pigs as shown in Tables 4 to 11 . Labor, marketing and equipment costs are also shown for pigs ranging in aize from 30 to 150 pounds.

Table 3- Feed Requirements and Labor, Marketing and Equipment Costs that Were Used in Calculating Feeder Pig Prices

| Weight <br> of pig, <br> lbs. | Ibs. of <br> Corn <br> and <br> other <br> Grain <br> fed | Ibs. of <br> Protein <br> Sapple- <br> ment | Lebor <br> Costs | Market- <br> ing <br> Costs | Housing <br> and <br> Equip- <br> ment <br> Costs |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 30 | 583 | 96 | $\mathbf{\$ . 7 4}$ | $\mathbf{\$ . 7 5}$ | $\$ .40$ |
| 40 | 560 | 89 | .75 | .75 | .40 |
| 50 | 536 | 83 | .66 | .75 | .40 |
| 60 | 512 | 76 | .62 | .75 | .40 |
| 70 | 486 | 70 | .58 | .75 | .35 |
| 80 | 459 | 63 | .54 | .75 | .35 |
| 90 | 431 | 57 | .50 | .75 | .35 |
| 100 | 403 | 52 | . .46 | .75 | .35 |
| 110 | 373 | 46 | .42 | .75 | .30 |
| 120 | 342 | 41 | .38 | .75 | .30 |
| 130 | 342 | 36 | .34 | .75 | .30 |
| 140 | 278 | 31 | .30 | .75 | .30 |
| 150 | 244 | 26 | .26 | .75 | .30 |

Prices for feeder pigs in tables 4 to ll are the maximum amounts a hog feeder can afford to pay and still recover all of his costs from the time the pig is purchased until it is sold at 215
pounds. If a farmer pays less than the amount shown for a specific situation; the difference between the price he pays and the price given in the tables will represent a profit. If he pays more than the amount shown for a given situation, he will not recover all of the costs involved in producing a slaughter hog. These prices are meant to serve as a guide when buying feeder pigs. Prices may be changed slightly to fit specific farm situations.

Price per head was figured to the nearest 10 cents. Price per 100 pounds was figured to the nearest 25 cents.

How To Find The Right Feeder Pig Price
Suppose a person wants to know how much he can afford to pay for a 50 pound pig when corn is worth $\$ 1.00$ a bushel and market hogs are expected to sell for $\$ 16$ per hundredweight. Use the following steps. I, turn to table 7 which shows the prices for pigs when the expected selling price of slaughter hogs is $\$ 16$ per hundredweight. II, locate the row of figures in the upper half of the table for pigs weighing 50 pounds. III, follow this row of figures to the right until the $\$ 1.00$ column is reached. This figure at the junction of 50 pound pigs and $\$ 1.00$ corn is $\$ 17.60$ which is the price per head. The lower half of the table is to be used when buying pigs by the hundredweight and is used in the same manner as previously discussed and reads 35.25 .

Some interpretation will have to be made for selling prices not shown in the tables. For example, if the estimated selling price is $\$ 17$ per hundredweight use the average of the value given for $\$ 16$ and $\$ 18$ selling prices respectively.

Table 4
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 10$ per Hundredweight

| Weight of Pigs, Pounds | Price per Head for pigs when a bushel of corn is worth: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1.40 | \$1. 30 | \$1.20 | \$1.10 | \$1.00 | \$. 90 | \$. 80 |
| 30 | -. 60 | . 40 | 1.40 | 2.50 | 3.50 | 4.50 | 5.60 |
| 40 | . 40 | 1.40 | 2.40 | 3.40 | 4.40 | 5.30 | 6.40 |
| 50 | 1.50 | 2.40 | 3.30 | 4.30 | 5.20 | 6.10 | 7.10 |
| 60 | 2.50 | 3.40 | 4.30 | 5.20 | 6.10 | 7.00 | 7.90 |
| 70 | 3.60 | 4.40 | 5.20 | 6.10 | 7.00 | 7.80 | 8.60 |
| 80 | 4.60 | 5.40 | 6.20 | 7.00 | 7.80 | 8.60 | 9.40 |
| 90 | 5.70 | 6.50 | 7.20 | 8.00 | 8.70 | 9.40 | 10.20 |
| 100 | 6.80 | 7.50 | 8.10 | 8.90 | 9.50 | 10.20 | 10.90 |
| 110 | 7.80 | 8.50 | 9.10 | 9.80 | 10.40 | 11.00 | 11.70 |
| 120 | 8.90 | 9.50 | 10.00 | 10.70 | 11.20 | 11.80 | 12.40 |
| 130 | 9.90 | 10.50 | 11.00 | 11.60 | 12.10 | 12.60 | 13.20 |
| 140 | 11.00 | 11.50 | 12.00 | 12.50 | 13.00 | 13.40 | 14.00 |
| 150 | 12.10 | 12.50 | 13.00 | 13.40 | 13.80 | 14.20 | 14.70 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 30 | -2.00 | 1.25 | 4.75 | 8.25 | 11.75 | 15.00 | 18.75 |
| 40 | 1.00 | 3.50 | 6.00 | 8.50 | 11.00 | 13.25 | 16.00 |
| 50 | 3.00 | 4.75 | 6.50 | 8.50 | 10.50 | 12.25 | 14.25 |
| 60 | 4.25 | 5.75 | 7.25 | 8.75 | 10.25 | 11.75 | 13.25 |
| 70 | 5.25 | 6.25 | 7.50 | 8.75 | 10.00 | 11.25 | 12.25 |
| 80 | 5.75 | 6.75 | 7.75 | 8.75 | 9.75 | 10.75 | 11.75 |
| 90 | 6.25 | 7.25 | 8.00 | 9.00 | 9.75 | 10.50 | 11.25 |
| 100 | 6.75 | 7.50 | 8.00 | 9.00 | 9.50 | 10.25 | 11.00 |
| 110 | 7.00 | 7.75 | 8.25 | 9.00 | 9.50 | 10.00 | 10.75 |
| 120 | 7.50 | 8.00 | 8.25 | 9.00 | 9.25 | 9.75 | 10.25 |
| 130 | 7.50 | 8.00 | 8.50 | 9.00 | 9.25 | 9.75 | 10.25 |
| 140 | 7.75 | 8.25 | 8.50 | 9.00 | 9.25 | 9.50 | 10.00 |
| 150 | 8.00 | 8.25 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 |

Table 5
Maximum Price A Farmer Can Afford to Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 12$ per Hundredweight

| Weight <br> of <br> Pigs, |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Pounds | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| 30 | 3.50 | 4.50 | 5.60 | 6.60 | 7.60 | 8.70 | 9.70 |
| 40 | 4.60 | 5.50 | 6.60 | 7.50 | 8.50 | 9.50 | 10.50 |
| 50 | 5.60 | 6.50 | 7.50 | 8.40 | 9.30 | 10.30 | 11.20 |
| 60 | 6.70 | 7.60 | 8.50 | 9.30 | 10.20 | 11.10 | 12.00 |
| 70 | 7.80 | 8.60 | 9.40 | 10.20 | 11.00 | 11.90 | 12.70 |
| 80 | 8.80 | 9.60 | 10.40 | 11.10 | 11.90 | 12.70 | 13.50 |
| 90 | 9.90 | 10.60 | 11.40 | 12.10 | 12.80 | 13.60 | 14.30 |
| 100 | 11.00 | 11.60 | 12.30 | 13.00 | 13.60 | 14.40 | 15.00 |
| 110 | 12.10 | 12.70 | 13.30 | 13.90 | 14.50 | 15.20 | 15.80 |
| 120 | 13.10 | 13.70 | 14.20 | 14.80 | 15.30 | 16.00 | 16.50 |
| 130 | 14.20 | 14.70 | 15.20 | 15.70 | 16.20 | 16.80 | 17.30 |
| 140 | 15.30 | 15.70 | 16.20 | 16.60 | 17.10 | 17.60 | 18.10 |
| 150 | 16.30 | 16.70 | 17.10 | 17.50 | 18.00 | 18.40 | 18.80 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 30 | 11.75 | 15.00 | 18.75 | 22.00 | 25.25 | 29.00 | 32.25 |
| 40 | 11.50 | 13.75 | 16.50 | 18.75 | 21.25 | 23.75 | 26.25 |
| 50 | 11.25 | 13.00 | 15.00 | 16.75 | 18.50 | 20.50 | 22.50 |
| 60 | 11.25 | 12.75 | 14.25 | 15.50 | 17.00 | 18.50 | 2000 |
| 70 | 11.25 | 12.25 | 13.50 | 14.50 | 15.75 | 17.00 | 18.25 |
| 80 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 |
| 90 | 11.00 | 11.75 | 12.75 | 13.50 | 14.25 | 15.00 | 16.00 |
| 100 | 11.00 | 11.50 | 12.25 | 13.00 | 13.50 | 14.50 | 15.00 |
| 110 | 11.00 | 11.50 | 12.00 | 12.75 | 13.25 | 13.75 | 14.25 |
| 120 | 11.00 | 11.50 | 11.75 | 12.25 | 12.75 | 13.25 | 13.75 |
| 130 | 11.00 | 11.25 | 11.75 | 12.00 | 12.50 | 13.00 | 13.25 |
| 140 | 11.00 | 11.25 | 11.50 | 11.75 | 12.25 | 12.50 | 13.00 |
| 150 | 10.75 | 11.25 | 11.50 | 11.75 | 12.00 | 12.25 | 12.50 |

Table 6
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 14$ per Hundredweight

| Weight of |  | Price per Head for pigs when a bushel of corn is worth: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Pounds \$1.40 |  | \$1.30 | \$1.20 | \$1.10 | \$1.00 | \$. 90 | \$. 80 |
| 30 | 7.70 | 8.80 | 9.70 | 10.80 | 11.70 | 12.80 | 13.80 |
| 40 | 8.70 | 9.80 | 10.70 | 11.70 | 12.60 | 13.60 | 14.60 |
| 50 | 9.80 | 10.80 | 11.60 | 12.60 | 13.40 | 14.40 | 15.30 |
| 60 | 10.80 | 11.80 | 12.70 | 13.50 | 14.30 | 15.30 | 16.10 |
| 70 | 11.90 | 12.80 | 13.60 | 14.50 | 15.20 | 16.10 | 16.90 |
| 80 | 12.90 | 13.80 | 14.50 | 15.30 | 16.10 | 16.90 | 17.60 |
| 90 | 14.10 | 14.90 | 15.50 | 16.30 | 16.90 | 17.70 | 18.40 |
| 100 | 15.10 | 15.90 | 16.50 | 17.20 | 17.80 | 18.50 | 19.20 |
| 110 | 16.20 | 16.90 | 17.50 | 18.20 | 18.70 | 19.40 | 20.00 |
| 120 | 17.20 | 17.90 | 18.40 | 19.10 | 19.60 | 20.20 | 20.70 |
| 130 | 18.30 | 18.90 | 19.40 | 20.00 | 20.50 | 21.00 | 21.50 |
| 140 | 19.40 | 19.90 | 20.40 | 20.90 | 21.30 | 21.80 | 22.30 |
| 150 | 20.40 | 20.90 | 21.30 | 21.80 | 22.20 | 22.60 | 23.00 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 14.0$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
| 30 | 25.75 | 29.25 | 32.25 | 36.00 | 39.00 | 42.75 | 46.00 |
| 40 | 21.75 | 24.50 | 26.75 | 29.25 | 31.50 | 34.00 | 36.50 |
| 50 | 19.50 | 21.50 | 23.25 | 25.25 | 26.75 | 28.75 | 30.50 |
| 60 | 18.00 | 19.75 | 21.25 | 22.50 | 23.75 | 25.50 | 26.75 |
| 70 | 17.00 | 18.25 | 19.50 | 20.75 | 21.75 | 23.00 | 244.25 |
| 80 | 16.00 | 17.25 | 18.00 | 19.00 | 20.00 | 21.00 | 22.00 |
| 90 | 15.75 | 16.50 | 17.25 | 18.00 | 18.75 | 19.75 | 20.50 |
| 100 | 15.00 | 16.00 | 16.50 | 17.25 | 17.75 | 18.50 | 19.25 |
| 110 | 14.75 | 15.25 | 16.00 | 16.50 | 17.00 | 17.75 | 18.25 |
| 120 | 14.25 | 15.00 | 15.25 | 16.00 | 16.25 | 16.75 | 17.25 |
| 130 | 14.00 | 14.50 | 15.00 | 15.50 | 15.75 | 16.25 | 16.50 |
| 140 | 13.75 | 14.25 | 14.50 | 15.00 | 15.25 | 15.50 | 16.00 |
| 150 | 13.50 | 14.00 | 14.25 | 14.50 | 14.75 | 15.00 | 15.25 |
|  |  |  |  |  |  |  |  |

Table 7
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 16$ per Hundredweight

| Weight <br> of <br> Pigs, |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Pounds | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| 30 | 11.70 | 12.80 | 13.80 | 14.90 | 15.90 | 16.90 | 18.00 |
| 40 | 12.80 | 13.80 | 14.80 | 15.80 | 16.80 | 17.70 | 18.80 |
| 50 | 13.90 | 14.80 | 15.70 | 16.70 | 17.60 | 18.50 | 19.50 |
| 60 | 14.90 | 15.90 | 16.70 | 17.70 | 18.50 | 19.40 | 20.30 |
| 70 | 16.00 | 16.90 | 17.70 | 18.60 | 19.40 | 20.20 | 21.10 |
| 80 | 17.10 | 17.90 | 18.60 | 19.50 | 20.20 | 21.00 | 21.80 |
| 90 | 18.20 | 18.90 | 19.60 | 20.40 | 21.10 | 21.80 | 22.60 |
| 100 | 19.30 | 19.90 | 20.60 | 21.30 | 22.00 | 22.60 | 23.40 |
| 110 | 20.30 | 21.00 | 21.60 | 22.30 | 22.90 | 23.50 | 24.20 |
| 120 | 21.40 | 22.00 | 22.50 | 23.20 | 23.70 | 24.30 | 24.90 |
| 130 | 22.50 | 23.00 | 23.50 | 24.10 | 24.60 | 25.10 | 25.70 |
| 140 | 23.60 | 24.00 | 24.50 | 25.00 | 25.50 | 25.90 | 26.50 |
| 150 | 24.70 | 25.00 | 25.40 | 25.90 | 26.30 | 26.70 | 27.20 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
| 30 | 39.00 | 42.75 | 46.00 | 49.75 | 53.00 | 56.25 | 60.00 |
| 40 | 32.00 | 34.50 | 37.00 | 39.50 | 42.00 | 44.25 | 47.00 |
| 50 | 27.75 | 29.50 | 31.50 | 33.50 | 35.25 | 37.00 | 39.00 |
| 60 | 24.75 | 26.50 | 27.75 | 29.50 | 30.75 | 32.25 | 33.75 |
| 70 | 22.75 | 24.25 | 25.25 | 26.50 | 27.75 | 28.75 | 30.25 |
| 80 | 21.25 | 22.25 | 23.25 | 24.25 | 25.25 | 26.25 | 27.25 |
| 90 | 20.25 | 21.00 | 21.75 | 22.75 | 23.50 | 24.25 | 25.00 |
| 100 | 19.25 | 20.00 | 20.50 | 21.25 | 22.00 | 22.50 | 23.50 |
| 110 | 18.50 | 19.00 | 19.75 | 20.25 | 20.75 | 21.25 | 22.00 |
| 120 | 17.75 | 18.25 | 18.75 | 19.25 | 19.75 | 20.25 | 20.75 |
| 130 | 17.25 | 17.75 | 18.00 | 18.50 | 19.00 | 19.25 | 19.75 |
| 140 | 16.75 | 17.25 | 17.50 | 17.75 | 18.25 | 18.50 | 19.00 |
| 150 | 16.50 | 16.75 | 17.00 | 17.25 | 17.50 | 17.75 | 18.25 |

Table 8
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 18$ per Hundredweight

| $\begin{aligned} & \text { Weight } \\ & \text { of } \\ & \text { Pigs, } \end{aligned}$ | Price per Head for pigs when a bushel of corn is worth: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Pounds | \$1.40 | \$1.30 | \$1.20 | \$2. 10 | \$2.00 | \$ . 90 | \$.80 |
| 30 | 15.90 | 16.90 | 18.00 | 19.00 | 20.00 | 21.10 | 22.10 |
| 40 | 17.00 | 17.90 | 19.00 | 19.90 | 20.90 | 21.90 | 22.90 |
| 50 | 18.00 | 18.90 | 19.90 | 20.80 | 21.70 | 22.70 | 23.60 |
| 60 | 19.10 | 20.00 | 20.90 | 21.80 | 22.60 | 23.60 | 24.40 |
| 70 | 20.20 | 21.00 | 21.90 | 22.70 | 23.50 | 24.40 | 25.20 |
| 80 | 21.20 | 22.00 | 22.80 | 23.60 | 24.30 | 25.20 | 25.90 |
| 90 | 22.30 | 23.00 | 23.80 | 24.50 | 25.20 | 26.00 | 26.70 |
| 100 | 23.40 | 24.10 | 24.80 | 25.40 | 26.10 | 26.80 | 27.50 |
| 110 | 24.50 | 25.10 | 25.80 | 26.40 | 27.00 | 27.70 | 28.30 |
| 120 | 25.50 | 26.10 | 26.70 | 27.30 | 27.80 | 28.50 | 29.00 |
| 130 | 26.60 | 27.10 | 27.70 | 28.20 | 28.70 | 29.30 | 29.80 |
| 140 | 27.70 | 28.20 | 28.70 | 29.10 | 29.60 | 30.10 | 30.60 |
| 150 | 28.80 | 29.20 | 29.60 | 30.00 | 30.50 | 30.90 | 31.40 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | .$\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 30 | 53.00 | 56.25 | 60.00 | 63.25 | 66.75 | 70.25 | 73.75 |
| 40 | 42.50 | 44.75 | 47.50 | 49.75 | 52.25 | 54.75 | 57.25 |
| 50 | 36.00 | 37.75 | 39.75 | 41.50 | 43.50 | 45.50 | 47.25 |
| 60 | 31.75 | 33.25 | 34.75 | 36.25 | 37.75 | 39.25 | 40.75 |
| 70 | 28.75 | 30.00 | 31.25 | 32.50 | 33.50 | 34.75 | 36.00 |
| 80 | 26.50 | 27.50 | 28.50 | 29.50 | 30.25 | 31.50 | 32.25 |
| 90 | 24.75 | 25.50 | 26.50 | 27.25 | 28.00 | 29.00 | 29.75 |
| 100 | 23.50 | 24.00 | 24.75 | 25.50 | 26.00 | 26.75 | 27.50 |
| 110 | 22.25 | 22.75 | 23.50 | 24.00 | 24.50 | 25.25 | 25.75 |
| 120 | 21.25 | 21.75 | 22.25 | 22.75 | 23.25 | 23.75 | 24.25 |
| 130 | 20.50 | 20.75 | 21.25 | 21.75 | 22.00 | 22.50 | 23.00 |
| 140 | 19.75 | 20.25 | 20.50 | 20.75 | 21.25 | 21.50 | 21.75 |
| 150 | 19.25 | 19.50 | 19.75 | 20.00 | 20.25 | 20.50 | 21.00 |

Table 9
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs Is $\$ 20$ per Hundredweight

| $\begin{aligned} & \text { Weight } \\ & \text { of } \end{aligned}$ |  | Price per Head for pigs when a bushel of corn is worth: |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pigs, Pounds | \$1.40 | \$1.30 | \$1.20 | \$1.10 | \$1.00 | \$. 90 | \$ . 80 |
| 30 | 20.00 | 21.10 | 22.10 | 23.10 | 24.10 | 25.20 | 26.20 |
| 40 | 21.10 | 22.10 | 23.10 | 24.00 | 25.00 | 26.00 | 27.00 |
| 50 | 22.10 | 23.10 | 24.10 | 25.00 | 25.90 | 26.90 | 27.80 |
| 60 | 23.20 | 24.20 | 25.00 | 25.90 | 26.70 | 27.70 | 28.50 |
| 70 | 24.30 | 25.20 | 26.00 | 26.80 | 27.60 | 28.50 | 29.30 |
| 80 | 25.30 | 26.20 | 27.00 | 27.70 | 28.50 | 29.30 | 30.10 |
| 90 | 26.40 | 27.20 | 28.00 | 28.70 | 29.40 | 30.20 | 30.90 |
| 100 | 27.50 | 28.30 | 29.00 | 29.60 | 30.30 | 31.00 | 31.70 |
| 110 | 28.60 | 29.30 | 29.90 | 30.50 | 31.10 | 31.80 | 32.40 |
| 120 | 29.60 | 30.30 | 30.90 | 31.50 | 32.00 | 32.70 | 33.20 |
| 130 | 30.70 | 31.30 | 31.90 | 32.40 | 32.90 | 33.50 | 34.00 |
| 140 | 31.80 | 32.40 | 32.90 | 33.30 | 33.80 | 34.30 | 34.70 |
| 150 | 32.90 | 33.40 | 33.90 | 34.30 | 34.70 | 35.10 | 35.50 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
| 30 | 66.75 | 70.25 | 73.75 | 77.00 | 80.25 | 84.00 | 87.25 |
| 40 | 52.75 | 55.25 | 57.75 | 60.00 | 62.50 | 65.00 | 67.50 |
| 50 | 44.25 | 46.25 | 48.25 | 50.00 | 51.75 | 53.75 | 55.50 |
| 60 | 38.75 | 40.25 | 41.75 | 43.25 | 44.50 | 46.25 | 47.50 |
| 70 | 34.75 | 36.00 | 37.25 | 38.25 | 39.50 | 40.75 | 41.75 |
| 80 | 31.50 | 32.75 | 33.75 | 34.50 | 35.50 | 36.50 | 37.50 |
| 90 | 29.25 | 30.25 | 31.00 | 32.00 | 32.75 | 33.50 | 34.25 |
| 100 | 27.50 | 28.25 | 29.00 | 29.50 | 30.25 | 31.00 | 31.75 |
| 110 | 26.00 | 26.75 | 27.25 | 27.75 | 28.25 | 29.00 | 29.50 |
| 120 | 24.75 | 2555 | 25.75 | 26.25 | 26.75 | 27.25 | 27.75 |
| 130 | 23.50 | 24.00 | 24.50 | 25.00 | 25.25 | 25.75 | 26.25 |
| 140 | 22.75 | 23.25 | 23.50 | 23.75 | 24.25 | 24.50 | 24.75 |
| 150 | 22.00 | 22.25 | 22.50 | 22.75 | 23.25 | 23.50 | 23.75 |

Table 10
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs

Is \$22 per Hundredweight

| Weight <br> of <br> Pigs, |  | Price perHead for pigs when a bushel of <br> corn is worth: |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Pounds $\mathbf{\$ 1 . 4 0}$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |  |
| 30 | 24.10 | 25.20 | 26.20 | 27.30 | 28.30 | 29.30 | 30.40 |
| 40 | 25.20 | 26.20 | 27.20 | 28.20 | 29.20 | 30.10 | 31.20 |
| 50 | 26.30 | 27.30 | 28.20 | 29.20 | 30.10 | 31.00 | 32.00 |
| 60 | 27.30 | 28.30 | 29.10 | 30.10 | 30.90 | 31.80 | 32.70 |
| 70 | 28.40 | 29.30 | 30.10 | 31.00 | 31.80 | 32.60 | 33.50 |
| 80 | 29.50 | 30.30 | 31.10 | 32.00 | 32.70 | 33.40 | 34.30 |
| 90 | 30.60 | 31.40 | 32.10 | 32.90 | 33.60 | 34.30 | 35.10 |
| 100 | 31.70 | 32.40 | 33.10 | 33.80 | 34.50 | 35.10 | 35.90 |
| 110 | 32.70 | 33.40 | 34.00 | 34.70 | 35.30 | 35.90 | 36.60 |
| 120 | 33.80 | 34.50 | 35.00 | 35.70 | 36.20 | 36.80 | 37.40 |
| 130 | 34.90 | 35.50 | 36.00 | 36.60 | 37.10 | 37.60 | 38.20 |
| 140 | 36.00 | 36.50 | 37.00 | 37.50 | 38.00 | 38.40 | 39.00 |
| 150 | 37.10 | 37.50 | 38.00 | 38.40 | 38.80 | 39.30 | 39.70 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| ---: | ---: | ---: | :--- | :--- | :--- | :--- | ---: |
| 30 | 80.25 | 84.00 | 87.25 | 91.00 | 94.25 | 97.75 | 101.25 |
| 40 | 63.00 | 65.00 | 68.00 | 70.50 | 73.00 | 75.25 | 78.00 |
| 50 | 52.50 | 54.50 | 56.50 | 58.50 | 60.25 | 62.00 | 64.00 |
| 60 | 45.50 | 47.25 | 48.50 | 50.25 | 51.50 | 53.00 | 54.50 |
| 70 | 40.50 | 41.75 | 43.00 | 44.25 | 45.50 | 46.50 | 47.75 |
| 80 | 36.75 | 37.75 | 38.75 | 40.00 | 40.75 | 41.75 | 42.75 |
| 90 | 34.00 | 35.00 | 35.75 | 36.50 | 37.25 | 38.00 | 39.00 |
| 100 | 31.75 | 32.50 | 33.00 | 33.75 | 34.50 | 35.00 | 36.00 |
| 110 | 29.75 | 30.25 | 31.00 | 31.50 | 32.00 | 32.75 | 33.25 |
| 120 | 28.25 | 28.75 | 29.25 | 29.75 | 30.25 | 30.75 | 31.25 |
| 130 | 26.75 | 27.25 | 27.75 | 28.25 | 28.50 | 29.00 | 29.50 |
| 140 | 25.75 | 26.00 | 26.50 | 26.75 | 27.25 | 27.50 | 27.75 |
| 150 | 24.75 | 25.00 | 25.25 | 25.50 | 25.75 | 26.25 | 26.50 |

Table 11
Maximum Price A Farmer Can Afford To Pay Per Head and Per Hundred Pounds For Feeder Pigs When Expected Selling Price of Market Hogs

Is \$24 per Hundredweight

| Weight <br> of <br> Oigs, |  | Price perHead for pigs when a bushel of <br> corn is worth: |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Pounds | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| 30 | 28.30 | 29.30 | 30.40 | 31.40 | 32.40 | 33.50 | 34.50 |
| 40 | 29.40 | 30.30 | 31.40 | 32.30 | 33.30 | 34.30 | 35.30 |
| 50 | 30.50 | 31.40 | 32.40 | 33.30 | 34.20 | 35.20 | 36.10 |
| 60 | 31.50 | 32.40 | 33.30 | 34.20 | 35.00 | 36.00 | 36.80 |
| 70 | 32.60 | 33.40 | 34.30 | 35.10 | 35.90 | 36.80 | 37.60 |
| 80 | 33.70 | 34.40 | 35.30 | 36.00 | 36.80 | 37.60 | 38.40 |
| 90 | 34.80 | 35.50 | 36.30 | 37.00 | 37.70 | 38.50 | 39.20 |
| 100 | 35.90 | 36.50 | 37.30 | 37.90 | 38.60 | 39.30 | 40.00 |
| 110 | 36.90 | 37.50 | 38.20 | 38.80 | 39.40 | 40.10 | 40.70 |
| 120 | 38.00 | 38.60 | 39.20 | 39.80 | 40.30 | 40.90 | 41.50 |
| 130 | 39.10 | 39.60 | 40.20 | 40.70 | 41.20 | 41.80 | 42.30 |
| 140 | 40.20 | 40.60 | 41.10 | 41.60 | 42.10 | 42.60 | 43.10 |
| 150 | 41.30 | 41.70 | 42.10 | 42.60 | 43.00 | 43.40 | 43.90 |

Price per Hundredweight for pigs when a bushel of corn is worth:

|  | $\$ 1.40$ | $\$ 1.30$ | $\$ 1.20$ | $\$ 1.10$ | $\$ 1.00$ | $\$ .90$ | $\$ .80$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |
| 30 | 94.25 | 97.75 | 101.25 | 104.75 | 108.00 | 111.75 | 115.00 |
| 40 | 73.50 | 75.75 | 78.50 | 80.75 | 83.25 | 85.75 | 88.25 |
| 50 | 61.00 | 62.75 | 64.75 | 66.50 | 68.50 | 70.50 | 72.25 |
| 60 | 52.50 | 54.00 | 55.50 | 57.00 | 58.25 | 60.00 | 61.25 |
| 70 | 46.50 | 47.75 | 49.00 | 50.25 | 51.25 | 52.50 | 53.75 |
| 80 | 42.00 | 43.00 | 44.00 | 45.00 | 46.00 | 47.00 | 48.00 |
| 90 | 38.75 | 39.50 | 40.25 | 41.00 | 42.00 | 42.75 | 43.50 |
| 100 | 36.00 | 36.50 | 37.25 | 38.00 | 38.50 | 39.25 | 40.00 |
| 110 | 33.50 | 34.00 | 34.75 | 35.25 | 35.75 | 36.50 | 37.00 |
| 120 | 31.75 | 32.25 | 32.75 | 33.25 | 33.50 | 34.00 | 34.50 |
| 130 | 30.00 | 30.50 | 31.00 | 31.25 | 31.75 | 32.25 | 32.50 |
| 140 | 28.75 | 29.00 | 29.25 | 29.75 | 30.00 | 30.50 | 30.75 |
| 150 | 27.50 | 27.75 | 28.00 | 28.50 | 28.75 | 29.00 | 29.25 |

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