



## Meat Chicken Cost Breakout

|                             | Cost Per bird, 3.6 lbs |       | Cost per lb |      |
|-----------------------------|------------------------|-------|-------------|------|
| Chicks                      | \$                     | 1.20  | \$          | 0.33 |
| Farm Cost                   | \$                     | 4.20  | \$          | 1.17 |
| Labor                       | \$                     | 6.00  | \$          | 1.67 |
| Transportation              | \$                     | 0.50  | \$          | 0.14 |
| Processing                  | \$                     | 5.00  | \$          | 1.39 |
| Marketing and Sales         | \$                     | 3.00  | \$          | 0.83 |
| Conventional Feed           | \$                     | 3.20  | \$          | 0.89 |
| GMO Free Feed               | \$                     | 5.30  | \$          | 1.47 |
| Organic Feed                | \$                     | 6.95  | \$          | 1.93 |
| Conventional Feed Breakeven | \$                     | 23.10 | \$          | 6.42 |
| GMO Free Feed Breakeven     | \$                     | 25.20 | \$          | 7.00 |
| Organic Feed Breakeven      | \$                     | 26.85 | \$          | 7.46 |





### Conventional Meat Chickens, Pasture

This budget is assumes the cost associated with raising 90 chickens from chicks to broiler size

|  |         |                                 |          |
|--|---------|---------------------------------|----------|
| <b>Chicken AVERAGE out of rotation / batch</b> | 1       | <b>Number of Chickens/Batch</b> | 100      |
| <b>Chicken AVERAGE in rotation / batch</b>     | 1       | <b>Starting weight</b>          | 0.3      |
| <b>Production hours</b>                        | 36      | <b>Finishing weight</b>         | 6        |
| <b>Marketing Hours</b>                         | 16      | <b>Land use cost /acre</b>      | \$ 50.00 |
| <b># of sleds used</b>                         | 1       | <b>MPG</b>                      | 15       |
| <b>Fuel Price</b>                              | \$ 2.25 | <b>Loss Rate</b>                | 10.00%   |

| Gross Income  | Unit  | LBS per bird | Price   | Total             |
|---------------|-------|--------------|---------|-------------------|
| Broilers Sold | 90.00 | 3.6          | \$ 8.00 | \$ 2,592.00       |
| <b>Total</b>  |       |              |         | <b>\$2,592.00</b> |

| Variable Cost                       | Unit         | Quantity    | Cost           | Total             |
|-------------------------------------|--------------|-------------|----------------|-------------------|
| Purchase Chicks                     | cost/head    | 100         | \$ 1.08        | \$ 108.00         |
| <u>Feed (Supplement Included)</u>   | <u>lbs</u>   | <u>1350</u> | <u>\$ 0.21</u> | <u>\$ 287.55</u>  |
| Seed (to seed pasture off rotation) | bags         | 0           | \$ 50.00       | \$ -              |
| Electricity                         | month        | 6           | \$ 5.00        | \$ 30.00          |
| Repairs                             | fencing cost | 1.00%       | \$ 1,500.00    | \$ 15.00          |
| Medication                          | cost/head    | 100         | \$ 0.50        | \$ 50.00          |
| Fuel                                | miles        | 300         | \$ 0.15        | \$ 45.00          |
| Production Labor                    | hours        | 36          | \$ 15.00       | \$ 540.00         |
| <b>Marketing</b>                    |              |             |                |                   |
| Processing Fee (whole bird only)    | each         | 90.00       | \$ 5.00        | \$ 450.00         |
| Spot at the Market                  | days         | 2.00        | \$ 15.00       | \$ 30.00          |
| Marketing Labor                     | hours        | 16          | \$ 15.00       | \$ 240.00         |
| <b>Total Variable Cost</b>          |              |             |                | <b>\$1,795.55</b> |

| Fixed Costs                            | per item cost | Quantity | Years | 10 Week Depreciation |
|--|---------------|----------|-------|----------------------|
| Waterers                               | \$ 25.00      | 2        | 10    | \$ 0.96              |
| Chicken Tractor                        | \$ 1,500.00   | 1        | 5     | \$ 57.53             |
| Chick Raising Structure                | \$ 520.00     | 1        | 6     | \$ 16.62             |
| Truck                                  | \$ 14,800.00  | 1        | 10    | \$ 283.84            |
| Carrying Cost of Acres out of rotation | \$ 50.00      | 1        |       | \$ 9.59              |
| Total Fixed Cost of Acres in rotation  | \$ 50.00      | 1        |       | \$ 9.59              |
| <b>Total Fixed Costs</b>               |               |          |       | <b>\$ 378.13</b>     |

|                    |                   |
|--------------------|-------------------|
| <b>Total Costs</b> | <b>\$2,173.68</b> |
|--------------------|-------------------|

|                               |                 |
|-------------------------------|-----------------|
| <b>Returns</b>                | <b>\$418.32</b> |
| <b>Break Even Weight/lb @</b> | <b>\$6.71</b>   |

Average assumes .5 acres for every turn and a 10 week rest period for that land

Marketing Hours is the cost of 1 day of putting chicks out, 1 day of processing travel, and 2 days of being at the market to sell the product

Production hours entered in is the cost of spending an average 10 min a day with the animals over 70 days

It is assumed that farmers will purchase or build structures for their chickens to take shelter

10 week depreciation is given because that is the amount of time that 90 Chickens will be on the land

Water infrastructure is not included as it is assumed chicks can be watered by hand

### Coventional Chicken Feed Budget

Groups per year 3

#### Per Group Feeding Numbers

|                                       |        |
|---------------------------------------|--------|
| Price of Starter Feed/lb              | \$0.25 |
| Price of Grower Feed/lb               | \$0.21 |
| No. of chicks purchased               | 100    |
| Avg. wt. of purchased chicks, lb/head | 0.3    |
| Avg. wt. chicks go to grower          | 1      |
| Avg. wt. of chickens sold, lb/head    | 5      |
| Number of Days chicks are on starter  | 20     |
| Number of Days chicks are on grower   | 50     |
| No. of chickens sold                  | 90     |
| Avg lbs of starter total / bird       | 0.05   |
| Avg lbs of grower total / bird        | 0.25   |

|                                   |                                      |                                  |                                 |                                     |
|-----------------------------------|--------------------------------------|----------------------------------|---------------------------------|-------------------------------------|
| <b>Starter Feed<br/>Break Out</b> | <b>Avg. Weight<br/>gained, lb/hd</b> | <b>Grower Feed<br/>lbs/batch</b> | <b>Grower Feed<br/>\$/batch</b> | <b>Grower Feed<br/>per head, \$</b> |
|                                   | 0.7                                  | 100.0                            | \$25                            | \$0.25                              |

|                                    |                                      |                                  |                                |                                   |
|------------------------------------|--------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| <b>Finisher Feed<br/>Break Out</b> | <b>Avg. Weight<br/>gained, lb/hd</b> | <b>Finish Feed<br/>lbs/batch</b> | <b>Total Feed<br/>\$/batch</b> | <b>Feed Cost<br/>per head, \$</b> |
|                                    | 4                                    | 1,250.0                          | \$263                          | \$2.92                            |

|   |                      |                   |                     |                      |
|---|----------------------|-------------------|---------------------|----------------------|
| <b>Total Feed<br/>Starting and Finishing Chickens</b> | <b>gained, lb/hd</b> | <b>Total Feed</b> | <b>Total \$Feed</b> | <b>Total \$/head</b> |
|   | 2.65                 | 1,350.0           | \$287.6             | \$3                  |

|                              |                             |                             |                        |
|------------------------------|-----------------------------|-----------------------------|------------------------|
| <b>Feed Conversion Ratio</b> | <b>Total lbs of feed/hd</b> | <b>Total lbs of gain/hd</b> | <b>Feed conversion</b> |
|                              | 14                          | 4.7                         | 3                      |
| <b>Death loss, %</b>         | 10.0%                       |                             |                        |
| <b>Annual Feed Cost</b>      | \$950                       |                             |                        |



### Non-GMO Meat Chickens, Pasture

This budget is assumes the cost associated with raising 90 chickens from chicks to broiler size

|  |         |                                 |          |
|--|---------|---------------------------------|----------|
| <b>Chicken AVERAGE out of rotation / batch</b> | 1       | <b>Number of Chickens/Batch</b> | 100      |
| <b>Chicken AVERAGE in rotation / batch</b>     | 1       | <b>Starting weight</b>          | 0.3      |
| <b>Production hours</b>                        | 36      | <b>Finishing weight</b>         | 6        |
| <b>Marketing Hours</b>                         | 16      | <b>Land use cost /acre</b>      | \$ 50.00 |
| <b># of sleds used</b>                         | 1       | <b>MPG</b>                      | 15       |
| <b>Fuel Price</b>                              | \$ 2.25 | <b>Loss Rate</b>                | 10.00%   |

| Gross Income  | Unit  | LBS per bird | Price   | Total             |
|---------------|-------|--------------|---------|-------------------|
| Broilers Sold | 90.00 | 3.6          | \$ 8.00 | \$ 2,592.00       |
| <b>Total</b>  |       |              |         | <b>\$2,592.00</b> |

| Variable Cost                       | Unit         | Quantity    | Cost           | Total             |
|-------------------------------------|--------------|-------------|----------------|-------------------|
| Purchase Chicks                     | cost/head    | 100         | \$ 1.10        | \$ 110.00         |
| <u>Feed (Supplement Included)</u>   | <u>lbs</u>   | <u>1350</u> | <u>\$ 0.35</u> | <u>\$ 477.00</u>  |
| Seed (to seed pasture off rotation) | bags         | 0           | \$ 50.00       | \$ -              |
| Electricity                         | month        | 6           | \$ 5.00        | \$ 30.00          |
| Repairs                             | fencing cost | 1.00%       | \$ 1,500.00    | \$ 15.00          |
| Medication                          | cost/head    | 100         | \$ 0.50        | \$ 50.00          |
| Fuel                                | miles        | 300         | \$ 0.15        | \$ 45.00          |
| Production Labor                    | hours        | 36          | \$ 15.00       | \$ 540.00         |
| <b>Marketing</b>                    |              |             |                |                   |
| Processing Fee (whole bird only)    | each         | 90.00       | \$ 5.00        | \$ 450.00         |
| Spot at the Market                  | days         | 2.00        | \$ 15.00       | \$ 30.00          |
| Marketing Labor                     | hours        | 16          | \$ 15.00       | \$ 240.00         |
| <b>Total Variable Cost</b>          |              |             |                | <b>\$1,987.00</b> |

| Fixed Costs                            | per item cost | Quantity | Years | 10 Week Depreciation |
|--|---------------|----------|-------|----------------------|
| Waterers                               | \$ 25.00      | 2        | 10    | \$ 0.96              |
| Chicken Tractor                        | \$ 1,500.00   | 1        | 5     | \$ 57.53             |
| Chick Raising Structure                | \$ 520.00     | 1        | 6     | \$ 16.62             |
| Truck                                  | \$ 14,800.00  | 1        | 10    | \$ 283.84            |
| Carrying Cost of Acres out of rotation | \$ 50.00      | 1        |       | \$ 9.59              |
| Total Fixed Cost of Acres in rotation  | \$ 50.00      | 1        |       | \$ 9.59              |
| Total Fixed Costs                      |               |          |       | \$ 378.13            |

|                    |                   |
|--------------------|-------------------|
| <b>Total Costs</b> | <b>\$2,365.13</b> |
|--------------------|-------------------|

|                               |                     |
|-------------------------------|---------------------|
| <b>Returns</b>                | <b>\$226.87</b>     |
| <b>Break Even Weight/lb @</b> | <b>6 lbs \$7.30</b> |

Average assumes .5 acres for every turn and a 10 week rest period for that land

Marketing Hours is the cost of 1 day of putting chicks out, 1 day of processing travel, and 2 days of being at the market to sell the product

Production hours entered in is the cost of spending an average 10 min a day with the animals over 70 days

It is assumed that farmers will purchase or build structures for their chickens to take shelter

10 week depreciation is given because that is the amount of time that 90 Chickens will be on the land

Water infrastructure is not included as it is assumed chicks can be watered by hand





### Non-GMO Chicken Feed Budget

Groups per year 3

#### Per Group Feeding Numbers

|                                       |        |
|---------------------------------------|--------|
| Price of Starter Feed/lb              | \$0.42 |
| Price of Grower Feed/lb               | \$0.35 |
| No. of chicks purchased               | 100    |
| Avg. wt. of purchased chicks, lb/head | 0.3    |
| Avg. wt. chicks go to grower          | 1      |
| Avg. wt. of chickens sold, lb/head    | 5      |
| Number of Days chicks are on starter  | 20     |
| Number of Days chicks are on grower   | 50     |
| No. of chickens sold                  | 90     |
| Avg lbs of starter total / bird       | 0.05   |
| Avg lbs of grower total / bird        | 0.25   |

| Starter Feed Break Out | Avg. Weight gained, lb/hd | Grower Feed lbs/batch | Grower Feed \$/batch | Grower Feed per head, \$ |
|------------------------|---------------------------|-----------------------|----------------------|--------------------------|
|                        | 0.7                       | 100.0                 | \$42                 | \$0.42                   |

| Finisher Feed Break Out | Avg. Weight gained, lb/hd | Finish Feed lbs/batch | Total Feed \$/batch | Feed Cost per head, \$ |
|-------------------------|---------------------------|-----------------------|---------------------|------------------------|
|                         | 4                         | 1,250.0               | \$435               | \$4.83                 |

| Total Feed Starting and Finishing Chickens | gained, lb/hd | Total Feed | Total \$Feed | Total \$/head |
|--|---------------|------------|--------------|---------------|
|  | 2.65          | 1,350.0    | \$477.0      | \$5           |

|                       | Total lbs of feed/hd | Total lbs of gain/hd | Feed conversion |
|-----------------------|----------------------|----------------------|-----------------|
| Feed Conversion Ratio | 14                   | 4.7                  | 3               |
| Death loss, %         | 10.0%                |                      |                 |
| Annual Feed Cost      | \$1,576              |                      |                 |



## Organic Meat Chickens, Pasture

This budget is assumes the cost associated with raising 90 chickens from chicks to broiler size

|  |         |                                 |          |
|--|---------|---------------------------------|----------|
| <b>Chicken AVERAGE out of rotation / batch</b> | 1       | <b>Number of Chickens/Batch</b> | 100      |
| <b>Chicken AVERAGE in rotation / batch</b>     | 1       | <b>Starting weight</b>          | 0.3      |
| <b>Production hours</b>                        | 36      | <b>Finishing weight</b>         | 6        |
| <b>Marketing Hours</b>                         | 16      | <b>Land use cost /acre</b>      | \$ 50.00 |
| <b># of sleds used</b>                         | 1       | <b>MPG</b>                      | 15       |
| <b>Fuel Price</b>                              | \$ 2.25 | <b>Loss Rate</b>                | 10.00%   |

| Gross Income  | Unit  | LBS per bird | Price   | Total             |
|---------------|-------|--------------|---------|-------------------|
| Broilers Sold | 90.00 | 3.6          | \$ 8.00 | \$ 2,592.00       |
| <b>Total</b>  |       |              |         | <b>\$2,592.00</b> |

| Variable Cost                       | Unit         | Quantity    | Cost           | Total             |
|-------------------------------------|--------------|-------------|----------------|-------------------|
| Purchase Chicks                     | cost/head    | 100         | \$ 1.10        | \$ 110.00         |
| <u>Feed (Supplement Included)</u>   | <u>lbs</u>   | <u>1250</u> | <u>\$ 0.46</u> | <u>\$ 625.13</u>  |
| Seed (to seed pasture off rotation) | bags         | 0           | \$ 50.00       | \$ -              |
| Electricity                         | month        | 6           | \$ 5.00        | \$ 30.00          |
| Repairs                             | fencing cost | 1.00%       | \$ 1,500.00    | \$ 15.00          |
| Medication                          | cost/head    | 100         | \$ 0.50        | \$ 50.00          |
| Fuel                                | miles        | 300         | \$ 0.15        | \$ 45.00          |
| Production Labor                    | hours        | 36          | \$ 15.00       | \$ 540.00         |
| <b>Marketing</b>                    |              |             |                |                   |
| Processing Fee (whole bird only)    | each         | 90.00       | \$ 5.00        | \$ 450.00         |
| Spot at the Market                  | days         | 2.00        | \$ 15.00       | \$ 30.00          |
| Marketing Labor                     | hours        | 16          | \$ 15.00       | \$ 240.00         |
| <b>Total Variable Cost</b>          |              |             |                | <b>\$2,135.13</b> |

| Fixed Costs                            | per item cost | Quantity | Years | 10 Week Depreciation |
|--|---------------|----------|-------|----------------------|
| Waterers                               | \$ 25.00      | 2        | 10    | \$ 0.96              |
| Chicken Tractor                        | \$ 1,500.00   | 1        | 5     | \$ 57.53             |
| Chick Raising Structure                | \$ 520.00     | 1        | 6     | \$ 16.62             |
| Truck                                  | \$ 14,800.00  | 1        | 10    | \$ 283.84            |
| Carrying Cost of Acres out of rotation | \$ 50.00      | 1        |       | \$ 9.59              |
| Total Fixed Cost of Acres in rotation  | \$ 50.00      | 1        |       | \$ 9.59              |
| Total Fixed Costs                      |               |          |       | \$ 378.13            |

|                    |                   |
|--------------------|-------------------|
| <b>Total Costs</b> | <b>\$2,513.25</b> |
|--------------------|-------------------|

|                               |                |
|-------------------------------|----------------|
| <b>Returns</b>                | <b>\$78.75</b> |
| <b>Break Even Weight/lb @</b> | <b>6 lbs</b>   |
|                               | <b>\$7.76</b>  |

Average assumes .5 acres for every turn and a 10 week rest period for that land

Marketing Hours is the cost of 1 day of putting chicks out, 1 day of processing travel, and 2 days of being at the market to sell the product

Production hours entered in is the cost of spending an average 10 min a day with the animals over 70 days

It is assumed that farmers will purchase or build structures for their chickens to take shelter

10 week depreciation is given because that is the amount of time that 90 Chickens will be on the land

Water infrastructure is not included as it is assumed chicks can be watered by hand



## Organic Chicken Feed Budget

Groups per year 3

### Per Group Feeding Numbers

|                                       |        |
|---------------------------------------|--------|
| Price of Starter Feed/lb              | \$0.52 |
| Price of Grower Feed/lb               | \$0.46 |
| No. of chicks purchased               | 100    |
| Avg. wt. of purchased chicks, lb/head | 0.3    |
| Avg. wt. chicks go to grower          | 1      |
| Avg. wt. of chickens sold, lb/head    | 5      |
| Number of Days chicks are on starter  | 20     |
| Number of Days chicks are on grower   | 50     |
| No. of chickens sold                  | 90     |
| Avg lbs of starter total / bird       | 0.05   |
| Avg lbs of grower total / bird        | 0.25   |

| Starter Feed Break Out | Avg. Weight gained, lb/hd | Grower Feed lbs/batch | Grower Feed \$/batch | Grower Feed per head, \$ |
|------------------------|---------------------------|-----------------------|----------------------|--------------------------|
|                        | 0.7                       | 100.0                 | \$52                 | \$0.52                   |

| Finisher Feed Break Out | Avg. Weight gained, lb/hd | Finish Feed lbs/batch | Total Feed \$/batch | Feed Cost per head, \$ |
|-------------------------|---------------------------|-----------------------|---------------------|------------------------|
|                         | 4                         | 1,250.0               | \$573               | \$6.37                 |

| Total Feed Starting and Finishing Chickens | gained, lb/hd | Total Feed | Total \$Feed | Total \$/head |
|--|---------------|------------|--------------|---------------|
|  | 2.65          | 1,350.0    | \$625.1      | \$7           |

|                       | Total lbs of feed/hd | Total lbs of gain/hd | Feed conversion |
|-----------------------|----------------------|----------------------|-----------------|
| Feed Conversion Ratio | 14                   | 4.7                  | 3               |
| Death loss, %         | 10.0%                |                      |                 |
| Annual Feed Cost      | \$2,066              |                      |                 |