

- 1) Develop a regular record keeping routine (start day after weigh-in; end day before Fair).
- 2) Keep a working copy on a clip board in the barn near the feeding area.
- 3) Use a feed scale to measure and monitor your feeding program ( lbs / day).
- 4) Record amount of each feed used daily in a separate column.
- 5) When completing your 4-H record book, only the yellow summary page (front and back) needs to be included. The white calendar pages are for you to use as worksheets.

March

<i>Record Total Pounds of Each Feed Used Each Day</i>										
<b>Date</b>	<b>Hay</b>	<b>Haylage</b>	<b>C.Silage</b>	<b>Corn</b>	<b>Pre-Mix</b>	<b>Protein</b>	<b>Mineral</b>	<b>Vitamins</b>	<b>Salt</b>	<b>Other</b>
8-Mar										
9-Mar										
10-Mar										
11-Mar										
12-Mar										
13-Mar										
14-Mar										
15-Mar										
16-Mar										
17-Mar										
18-Mar										
19-Mar										
20-Mar										
21-Mar										
22-Mar										
23-Mar										
24-Mar										
25-Mar										
26-Mar										
27-Mar										
28-Mar										
29-Mar										
30-Mar										
31-Mar										
subtotal										

List March "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...

## April

*Record Total Pounds of Each Feed Used Each Day*

Date	Hay	Haylage	C.Silage	Corn	Pre-Mix	Protein	Mineral	Vitamins	Salt	Other
1-Apr										
2-Apr										
3-Apr										
4-Apr										
5-Apr										
6-Apr										
7-Apr										
8-Apr										
9-Apr										
10-Apr										
11-Apr										
12-Apr										
13-Apr										
14-Apr										
15-Apr										
16-Apr										
<b>17-Apr*</b>										
18-Apr										
19-Apr										
20-Apr										
21-Apr										
22-Apr										
23-Apr										
24-Apr										
25-Apr										
26-Apr										
27-Apr										
28-Apr										
29-Apr										
30-Apr										
<b>subtotal</b>										

\* Start keeping records for market lambs and market hogs.

List April "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...

May

Record Total Pounds of Each Feed Used Each Day

Date	Hay	Haylage	C.Silage	Corn	Pre-Mix	Protein	Mineral	Vitamins	Salt	Other
1-May										
2-May										
3-May										
4-May										
5-May										
6-May										
7-May										
8-May										
9-May										
10-May										
11-May										
12-May										
13-May										
14-May										
15-May										
16-May										
17-May										
18-May										
19-May										
20-May										
21-May										
22-May										
23-May										
24-May										
25-May										
26-May										
27-May										
28-May										
29-May										
30-May										
31-May										
<b>subtotal</b>										

List May "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...

## June

<i>Record Total Pounds of Each Feed Used Each Day</i>										
Date	Hay	Haylage	C.Silage	Corn	Pre-Mix	Protein	Mineral	Vitamins	Salt	Other
1-Jun										
2-Jun										
3-Jun										
4-Jun										
5-Jun										
6-Jun										
7-Jun										
8-Jun										
9-Jun										
10-Jun										
11-Jun										
12-Jun										
13-Jun										
14-Jun										
15-Jun										
16-Jun										
17-Jun										
18-Jun										
19-Jun										
20-Jun										
21-Jun										
22-Jun										
23-Jun										
24-Jun										
25-Jun										
26-Jun										
27-Jun										
28-Jun										
29-Jun										
30-Jun										
<b>subtotal</b>										

List June "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...

## July

### Record Total Pounds of Each Feed Used Each Day

Date	Hay	Haylage	C.Silage	Corn	Pre-Mix	Protein	Mineral	Vitamins	Salt	Other
1-Jul										
2-Jul										
3-Jul										
4-Jul										
5-Jul										
6-Jul										
7-Jul										
8-Jul										
9-Jul										
10-Jul										
11-Jul										
12-Jul										
13-Jul										
14-Jul										
15-Jul										
16-Jul										
17-Jul										
18-Jul										
19-Jul										
20-Jul										
21-Jul										
22-Jul										
23-Jul										
24-Jul										
25-Jul										
26-Jul										
27-Jul										
28-Jul										
29-Jul										
30-Jul										
31-Jul										
<b>subtotal</b>										

List July "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...

## August

<i>Record Total Pounds of Each Feed Used Each Day</i>										
Date	Hay	Haylage	C.Silage	Corn	Pre-Mix	Protein	Mineral	Vitamins	Salt	Other
1-Aug										
2-Aug										
3-Aug										
4-Aug										
5-Aug										
6-Aug										
7-Aug										
8-Aug										
9-Aug										
10-Aug										
11-Aug										
12-Aug										
13-Aug										
14-Aug										
15-Aug										
16-Aug										
17-Aug										
18-Aug										
19-Aug										
20-Aug										
21-Aug										
22-Aug										
23-Aug										
24-Aug										
25-Aug										
<b>subtotal</b>										

*List August "non-feed" expenses below (supplies, vet, medicine, equipment, trucking, etc.)...*

<b>Waupaca County Youth Market Livestock Project Cost Summary</b>
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1. \$ \_\_\_\_\_ **Total Feed Cost** (from previous page)
2. \$ \_\_\_\_\_ **Total of Other Expenses** (from previous page)
3. \$ \_\_\_\_\_ **Subtotal** (line 1 + line 2)
4. \$ \_\_\_\_\_ **Number of Animals in the group**
5. \$ \_\_\_\_\_ **Subtotal/Animal** (line 3 divided by line 4)
6. \$ \_\_\_\_\_ **Purchase cost or market value** (use whichever value is higher)
7. \$ \_\_\_\_\_ **GRAND TOTAL COST** (line 5 + line 6)

<b>Market Livestock Project Evaluation</b>
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- A. \_\_\_\_\_ **Days on feed** (171 days for beef or 131 days for sheep and swine)
- B. \_\_\_\_\_ lbs **Total weight gain** (fair weight \_\_\_\_\_ minus initial weigh-in \_\_\_\_\_ )
- C. \_\_\_\_\_ lbs/day **Average daily gain** (line B \_\_\_\_\_ divided by line A \_\_\_\_\_ )
- D. \_\_\_\_\_ \$/lb **Feed cost/pound of gain** (line 1 \_\_\_\_\_ divided by line 4 \_\_\_\_\_ , divided by line B \_\_\_\_\_ )
- E. \_\_\_\_\_ lbs **Pounds of feed/pound of gain** (total lbs feed (previous page) \_\_\_\_\_ divided by line 4 \_\_\_\_\_ , divided by line B \_\_\_\_\_ )
- F. \_\_\_\_\_ \$/lb **"Break-even" sale price** (line 7 \_\_\_\_\_ divided by fair weight \_\_\_\_\_ )
- G. \_\_\_\_\_ \$/lb **County Fair auction sale price**
- H. \_\_\_\_\_ \$/lb **"Real market price"** (comparable slaughter market price during late August)

## Summary of Daily Feed Record\*

	Total Pounds (lbs)	x	Price / Pound (\$ / lb)	=	Feed Cost (\$)
Hay	lbs	x		=	\$
Haylage	lbs	x		=	\$
C.Silage	lbs	x		=	\$
Corn	lbs	x		=	\$
Pre-Mix	lbs	x		=	\$
Protein	lbs	x		=	\$
Mineral	lbs	x		=	\$
Vitamins	lbs	x		=	\$
Salt	lbs	x		=	\$
Other	lbs	x		=	\$

Total lbs. Fed

 lbs.

Total Feed Cost

*\* Standard value of homegrown feeds:*

**Forages**

Hay @ \$120 / ton = \$0.06 / lb

Haylage @ \$60 / ton = \$0.03 / lb

Corn Silage @ \$30 / ton = \$0.015 / lb

**Grain**

Dry Shell Corn @ \$4.00 / bu = \$0.07 / lb

28% Shell Corn @ \$120 / ton = \$0.06 / lb

17% Ear Corn @ \$110 / ton = \$0.06 / lb

28% Ear Corn @ \$94 / ton = \$0.05 / lb

Oats @ \$3.25 / bu. = \$0.18 / lb

## Summary of Other Expenses\*\*

1.			\$
2.			\$
3.			\$
4.			\$
5.			\$
6.			\$
7.			\$
8.			\$
9.			\$
10.			\$
11.			\$
12.			\$
13.			\$
14.			\$
15.			\$

Total of Other Expenses

\*\* Other expenses might include: equipment, supplies, veterinarian, medicine, trucking, etc.