

# Quality Assurance Doing Your Part

Cash Yount  
Nutrition Consultant  
CHS Nutrition



# Tomorrow's producers Today

- What is your project
- What are your goals
- What are your tools
- What is your motivation



# Put Your Best Foot Forward

- Select the right animal for the right date
- Determine how much weight gain is needed
- Determine ADG(Average Daily Gain)
- Select Feed Source
- Provide the best growing environment



# Selecting Your Animal

- Know your fair date
- Know your finish weight goal
- Personal history in the project
- Budget



# Project Profiles

## 4H and FFA Livestock Market Project Management Tips

|              | Average<br>ADG | Days | ADG      | Finished<br>Weight Range | Rectal<br>Temperature |
|--------------|----------------|------|----------|--------------------------|-----------------------|
| <b>Beef</b>  | 2.8#           | 240  | 2-4#     | 1200-1400#               | 101 F                 |
| <b>Swine</b> | 1.7#           | 90   | 1-2#     | 230-270#                 | 102.5 F               |
| <b>Sheep</b> | 0.6#           | 90   | 0.4-0.9# | 125-150#                 | 102.3 F               |
| <b>Goat</b>  | 0.35#          | 90   | 0.25-.6# | 80-120#                  | 103 F                 |



# Average Daily Gain

TAKE POUNDS OF GAIN NEEDED DIVIDED  
BY NUMBER OF DAYS TILL THE SHOW

## EXAMPLES

Market Steer

1250# target wt- 800# current wt= 450# gain

150 days to the fair

$450\# / 150 \text{ days} = 3\#$  of gain per day



# Examples Cont.

Lambs –

130# target weight-70# current  
weight=60# of gain

80 days of feeding

$60\#/80 \text{ DAYS} = .75\# \text{ ADG}$

Hogs-

210# target weight-80# current  
weight=130# of gain

80 days of feeding

$130\#/80 \text{ DAYS} = 1.625\# \text{ ADG}$

Goats-

110# target weight-60# current  
weight=50# of gain

80 days of feeding

$50\#/80 \text{ DAYS} = 0.625\# \text{ ADG}$



# Now Let's Get the Ball Rolling

- Animal
- Feed Plan
- Shelter/Space





# Nutritional Requirements

- ENERGY
- PROTEIN
- FIBER
- MACRO MINERALS
- MICRO MINERALS
- WATER



# Feeding Ingredients for Show



- Grains- whole, ground and rolled- Corn, Oats, Barley
- Fiber sources- Beet pulp, midds, corn cobs, malt sprouts, alfalfa pellets
- Protein-SBM, canola, DDG
- Fat- Vegetable oil, DDG, Rice Bran
- Forage- straw, grass, grain hay, alfalfa



# Always Check the Tag

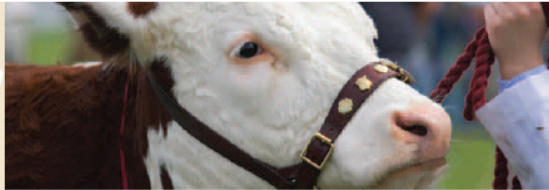


- Look for name of feed
- Is it for right kind of feed
- Medicated
- Feeding directions
- Product form



# Beef Feed Tag

- CP 12-16% for optimum muscle development
- 3-5% Fat for improved hair sheen and bloom
- Full trace mineral and vitamin package for improved health and performance



## Beef Show Feeds

Performance Nutrition for the Show Ring

### Payback™ Champion Steer Benefits:

- 16% Protein for maximum genetic growth and frame.
- High energy feed for muscle development and fast efficient gain.
- Contains Yeast Culture and Yucca Schidigera (Micro Aid®) to stimulate appetite, moderate heat stress, and improve rumen function.
- Fortified with Chelated Copper and Zinc, for improved hoof development and immune system function.
- Contains Soybean Oil for improved hair sheen and bloom.



### Champion Steer Texturized B30

For Feedlot Cattle.

For improved feed efficiency in cattle fed in confinement for slaughter.

#### ACTIVE DRUG INGREDIENT

Lasalocid .....30 g/ton

#### GUARANTEED ANALYSIS

|  |             |
|--|-------------|
| Crude Protein* not less than .....   | 16.0 %      |
| * (This includes not more than 1.5% equivalent crude protein from non-protein nitrogen.) |             |
| Crude Fat not less than .....  | 5.0 %       |
| Crude Fiber not more than .....  | 7.0 %       |
| Calcium not less than .....  | 0.5 %       |
| Calcium not more than .....  | 1.0 %       |
| Phosphorus not less than .....   | 0.5 %       |
| Salt not less than .....   | 0.25 %      |
| Salt not more than .....   | 0.75 %      |
| Potassium not less than .....  | 0.75 %      |
| Selenium not less than .....   | 0.2 ppm     |
| Vitamin A not less than .....  | 4,000 IU/lb |
| Vitamin D not less than .....  | 400 IU/lb   |

#### FEEDING DIRECTIONS

CHAMPION STEER TEXTURIZED B30 MEDICATED is a high protein, complete feed especially designed for show cattle. Feed continuously at a rate of 6.7 to 24 pounds per head daily to provide not less than 100 nor more than 360 milligrams of Lasalocid. Cattle should be gradually adjusted to CHAMPION STEER TEXTURIZED B30 MEDICATED to avoid digestive disturbances or other management problems. Dividing the daily ration into two equal feedings is suggested. For best results, this product should not be self-fed. Although CHAMPION STEER TEXTURIZED B30 MEDICATED is a complete feed in that it contains some roughage, grain, and supplement, limit feeding approximately 10 to 15% good quality, long hay is recommended. Fresh, clean water should be available at all times.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.  
**CAUTION:** The safety of Lasalocid in unapproved species has not been established. Do not allow horses or other equines access to feed containing Lasalocid as ingestion may be fatal. For ruminant use only.



### Champion Steer Pellet B30

For Feedlot Cattle.

For improved feed efficiency in cattle fed in confinement for slaughter.

#### ACTIVE DRUG INGREDIENT

Lasalocid .....30 g/ton

#### GUARANTEED ANALYSIS

|  |             |
|--|-------------|
| Crude Protein* not less than .....   | 16.0 %      |
| * (This includes not more than 1.5% equivalent crude protein from non-protein nitrogen.) |             |
| Crude Fat not less than .....  | 5.0 %       |
| Crude Fiber not more than .....  | 16.0 %      |
| Calcium not less than .....  | 0.5 %       |
| Calcium not more than .....  | 1.0 %       |
| Phosphorus not less than .....   | 0.5 %       |
| Salt not less than .....   | 0.25 %      |
| Salt not more than .....   | 0.75 %      |
| Potassium not less than .....  | 0.75 %      |
| Selenium not less than .....   | 0.2 ppm     |
| Vitamin A not less than .....  | 4,000 IU/lb |
| Vitamin D not less than .....  | 400 IU/lb   |

#### FEEDING DIRECTIONS

CHAMPION STEER PELLETS B30 MEDICATED is a high protein, complete feed especially designed for show cattle. Feed continuously at a rate of 6.7 to 24 pounds per head daily to provide not less than 100 nor more than 360 milligrams of Lasalocid. Cattle should be gradually adjusted to CHAMPION STEER PELLETS B30 MEDICATED to avoid digestive disturbances or other management problems. Dividing the daily ration into two equal feedings is suggested. For best results, this product should not be self-fed. Although CHAMPION STEER PELLETS B30 MEDICATED is a complete feed in that it contains some roughage, grain, and supplement, limit feeding approximately 10 to 15% good quality, long hay is recommended. Fresh, clean water should be available at all times.

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.  
**CAUTION:** The safety of Lasalocid in unapproved species has not been established. Do not allow horses or other equines access to feed containing Lasalocid as ingestion may be fatal. For ruminant use only.



# Swine Feed Tag



## Hog Show Feeds

Performance Nutrition for the Show Ring

### Payback® Champion Hog Benefits:

- High Lysine content (1.05% & 1.20%) for maximum genetic growth and frame.
- High energy feed for muscle development and fast efficient gain.
- Fortified with all essential trace minerals for improved hair coat and immune system function.
- Bio-Mos
- Phytase
- No withdrawal necessary.

#### Champion Hog BMD Medicated

For Growing Swine.  
For increased rate of weight gain and improved feed efficiency.

##### ACTIVE DRUG INGREDIENT

Bacitracin Methylene Disalicylate... 25 g/ton

##### GUARANTEED ANALYSIS

Crude Protein not less than.....18.0 %  
Lysine not less than .....1.05 %  
Crude Fat not less than .....5.0 %  
Crude Fiber not more than .....6.0 %  
Calcium not less than .....0.5 %  
Calcium not more than ..... 1.0 %  
Phosphorus not less than.....0.5 %  
Salt not less than .....0.25 %  
Salt not more than ..... .75 %  
Selenium not less than .....0.3 ppm  
Zinc not less than ..... 170 ppm  
Phytase ..... 25 spu/#

##### FEEDING DIRECTIONS

CHAMPION HOG BMD MEDICATED is a complete feed to be fed free choice as the sole ration to growing show hogs. It is formulated to provide all the nutrients needed during this period of growth. Fresh, clean water should be available at all times.

Contains Bio Mos®. Bio Mos® is a registered trademark of Alltech Inc.

**LIMITATIONS:** Feed continuously.

#### Champion Hi-Lean Hog BMD Medicated

For Growing Swine.  
For increased rate of weight gain and improved efficiency.

##### ACTIVE DRUG INGREDIENT

Bacitracin Methylene Disalicylate... 25 g/ton

##### GUARANTEED ANALYSIS

Crude Protein not less than.....20.0 %  
Lysine not less than .....1.2 %  
Crude Fat not less than .....5.0 %  
Crude Fiber not more than .....6.0 %  
Calcium not less than .....0.5 %  
Calcium not more than ..... 1.0 %  
Phosphorus not less than.....0.5 %  
Salt not less than .....0.25 %  
Salt not more than ..... .75 %  
Selenium not less than .....0.3 ppm  
Zinc not less than ..... 170 ppm  
Phytase ..... 25 spu/#

##### FEEDING DIRECTIONS

CHAMPION HI-LEAN HOG BMD MEDICATED is a complete feed to be fed free choice as the sole ration to growing show hogs. It is formulated to provide all the nutrients needed during this period of growth. Fresh, clean water should be available at all times.

Contains Bio Mos®. Bio Mos® is a registered trademark of Alltech Inc.

**LIMITATIONS:** Feed continuously.

- Hi Lysine- over 1.0%
- Hi Fat- 3-5%
- Full vitamin/mineral package
- Medicated for Bacterial Enteritis- scours



18 USC 1707

# Sheep Feed Tag



## Payback™ Champion Lamb Benefits:

- 17% Protein for maximum genetic growth and frame.
- High energy feed for muscle development and fast efficient gain.
- Contains Yeast Culture and Yucca Schidigera (Micro Aid®) to stimulate appetite and improve rumen function.
- Fortified with Zinpro® Performance Trace Minerals for improved immune system function and hoof health.
- Contains no added Copper.
- Ammonium Chloride as an aid in the reduction of Urinary Calculi.
- Bovatec for the Prevention of Coccidiosis
- No withdrawal necessary.



## Lamb Show Feeds

Performance Nutrition for the Show Ring



### Champion Lamb Texturized B30 Medicated

For growing and finishing sheep.  
For the prevention of coccidiosis caused by Eimeria ovina, Eimeria crandallis, Eimeria ovinoidalis (Eimeria ninakohlyakimovae), Eimeria parva and Eimeria intricata in sheep maintained in confinement.

**ACTIVE DRUG INGREDIENT**  
Lasalocid .....30 g/ton

#### GUARANTEED ANALYSIS

|   |             |
|---|-------------|
| Crude Protein* not less than  | 17.0 %      |
| <small>(*This includes not more than 1.0% equivalent crude protein from non-protein nitrogen)</small> |             |
| Crude Fat not less than   | 4.0 %       |
| Crude Fiber not more than   | 9.0 %       |
| Calcium not less than   | 0.75 %      |
| Calcium not more than   | 1.25 %      |
| Phosphorus not less than  | 0.5 %       |
| Salt not less than  | 0.25 %      |
| Salt not more than  | 0.75 %      |
| Selenium not less than  | 0.3 ppm     |
| Vitamin A not less than   | 4,500 IU/lb |
| Vitamin D not less than   | 450 IU/lb   |
| Vitamin E not less than   | .30 IU/lb   |

#### FEEDING DIRECTIONS

**CHAMPION LAMB TEXTURIZED B30**  
MEDICATED is a complete feed for growing and finishing show lambs. This product contains 30 grams/ton(15 milligrams/pound) of lasalocid. Feed continuously to provide not less than 15 nor more than 70 milligrams of lasalocid per head per day depending on body weight, (1.0 to 4.67 pounds per head per day). Lambs should be gradually adjusted to CHAMPION LAMB TEXTURIZED B30 MEDICATED in order to reduce the risk of overeating and other digestive disturbances. Lambs should be offered approximately 10% good quality long hay. Fresh, clean water should be available at all times.  
**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.  
**CAUTION:** The safety of Lasalocid for use in unapproved species has not been established. For ruminant use only.



### Champion Lamb Pellet B30 Medicated

For growing and finishing sheep.  
For the prevention of coccidiosis caused by Eimeria ovina, Eimeria crandallis, Eimeria ovinoidalis (Eimeria ninakohlyakimovae), Eimeria parva and Eimeria intricata in sheep maintained in confinement.

**ACTIVE DRUG INGREDIENT**  
Lasalocid .....30 g/ton

#### GUARANTEED ANALYSIS

|   |             |
|---|-------------|
| Crude Protein* not less than  | 17.0 %      |
| <small>(*This includes not more than 1.0% equivalent crude protein from non-protein nitrogen)</small> |             |
| Crude Fat not less than   | 4.0 %       |
| Crude Fiber not more than   | 14.0 %      |
| Calcium not less than   | 0.75 %      |
| Calcium not more than   | 1.25 %      |
| Phosphorus not less than  | 0.5 %       |
| Salt not less than  | 0.25 %      |
| Salt not more than  | 0.75 %      |
| Selenium not less than  | 0.3 ppm     |
| Vitamin A not less than   | 4,500 IU/lb |
| Vitamin D not less than   | 450 IU/lb   |
| Vitamin E not less than   | .30 IU/lb   |

#### FEEDING DIRECTIONS

**CHAMPION LAMB PELLETS B30 MEDICATED**  
is a complete feed for growing and finishing show lambs. This product contains 30 grams/ton(15 milligrams/pound) of lasalocid. Feed continuously to provide not less than 15 nor more than 70 milligrams of lasalocid per head per day depending on body weight, (1.0 to 4.67 pounds per head per day). Lambs should be gradually adjusted to CHAMPION LAMB PELLETS B30 MEDICATED in order to reduce the risk of overeating and other digestive disturbances. Lambs should be offered approximately 10% good quality long hay. Fresh, clean water should be available at all times.  
**WARNING:** A withdrawal period has not been established for this product in pre-ruminating cattle. Do not use in calves to be processed for veal.  
**CAUTION:** The safety of Lasalocid for use in unapproved species has not been established. For ruminant use only.

- CP of 16-17% for optimum muscle development
- Hi Fat 3-4% for improved shine and weight gain
- Full trace mineral and vitamins for improved health
- Diamond V yeast culture to help keep lambs on feed



# Goat Feed Tag



## Goat Show Feeds

Performance Nutrition for the Show Ring

### Payback™ Champion Goat Benefits:

- 18% Protein for maximum genetic growth and frame.
- High energy feed for muscle development and fast efficient gain.
- Contains Yeast Culture and Yucca Schidigera (Micro Aid®) to stimulate appetite and improve rumen function.
- Fortified with Zinpro® Performance Trace Minerals for improved immune system function and hoof health.
- Ammonium Chloride as an aid in the reduction of Urinary Calculi.
- Monensin for the Prevention of Coccidiosis.
- No withdrawal necessary.

### Champion Meat Goat Pellets R20 Medicated

For growing and finishing goats.  
For the prevention of coccidiosis caused by Eimeria crandallis, Eimeria christenseni and Eimeria ninakohlyakimovae.

#### ACTIVE DRUG INGREDIENT

Monensin (as monensin sodium).....20.0 g/ton

#### GUARANTEED ANALYSIS

|   |              |
|---|--------------|
| Crude Protein* not less than .....  | 18.0 %       |
| * (This includes not more than 1.25% equivalent crude protein from non-protein nitrogen.) |              |
| Crude Fat not less than .....   | 5.0 %        |
| Crude Fiber not more than .....   | 14.0 %       |
| Calcium not less than .....   | 0.75 %       |
| Calcium not more than .....   | 1.25 %       |
| Phosphorus not less than.....   | 0.5 %        |
| Salt not less than .....  | 0.75 %       |
| Salt not more than .....  | 1.25 %       |
| Copper not less than .....  | 43 ppm       |
| Copper not more than .....  | 48 ppm       |
| Selenium not less than .....  | 0.3 ppm      |
| Vitamin A not less than.....  | 11,500 IU/lb |
| Vitamin D not less than.....  | 1,150 IU/lb  |
| Vitamin E not less than.....  | 20 IU/lb     |

#### FEEDING DIRECTIONS

CHAMPION MEAT GOAT PELLETS R20 MEDICATED is a complete feed especially designed for growing and finishing show goats. Feed this product continuously as the sole ration. Make sure that the feeders remain clean. In an effort to minimize management problems, goats should be offered approximately 10% good quality, long hay. Goats are ruminants, make all feed changes gradually. Fresh, clean water should be available at all times.

**CAUTION:** Do not allow horses or other equines access to feeds containing Monensin. Ingestion of Monensin by equines has been fatal. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal in cattle and could be fatal in goats. Monensin medicated feed is intended for use in cattle or goats. Consumption by unapproved species may result in toxic reactions. For ruminant use only. Do not feed to sheep.

**LIMITATIONS:** Feed continuously. Do not feed to lactating goats.

- CP- 16-18% for optimal gain and muscle development
- Fat- 3-5% for improved hair coat and energy
- Contains Diamond V Yeast
- Monensin- for Cocci prevention and feed efficiency



# Starting on Feed

- Start slow and be consistent with your feeding times
- **WEIGH FEED OUT- AVOID FEEDING BY VOLUME**
- Start calves on 4 pounds of grain a day
- Start lambs/goats on .25-.50 pounds of grain a day
- Start hogs on self feeder (+/- 1 pound)
- **INCREASE FEED: 0.25 # for Lambs/Goats, 0.5# for Hogs, and 1# for Steers POUND PER DAY EVERY 3 DAYS AS LONG AS THEY ARE CLEANING IT UP**





# General Feeding Guidelines

- Hand feed twice daily, close to the same time of day. You will get the best gains and feed efficiencies this way!
- If self-feeding, never let the feeder run empty and keep it clean of bad feed and foreign material.
- Feed by weight and not volume
- Feed long stem, grass / alfalfa mix hay, no straight alfalfa.
- Provide free choice salt and mineral



# Why Your Animal Might Go Off Feed

- Animals will go off feed for many reasons. The feed is not the sole reason animals go off feed. Good management will reduce and minimize this obstacle.
- Bloat or acidosis will cause animals to go off of feed and leading causes for this are:
  - ❖ Irregular feedings
  - ❖ Change of feeds
  - ❖ Feeder ran out feed and was recently refilled
  - ❖ Feeding of rich forage such as alfalfa with a rich energy feed



# Why Your Animal Might Go Off Feed

Animals tend to go off feed if:

- No water is available to drink (dirty, frozen, etc.)

- They are sick

- They are stressed

Keep accurate records of what your animal normally consumes

- How much they eat

- How fast they eat it

- If they run to the bunk



# Water



# Daily Water Needs for Livestock

- **BEEF CATTLE**- 7 TO 17 GALLONS
- **DAIRY CATTLE**- 10 TO 29 GALLONS
- **HORSE**- 8 TO 12 GALLONS
- **SHEEP/GOATS**- 1 TO 4 GALLONS
- **SWINE**- 3 TO 6 GALLONS

**Maintain cool, clean, free choice access to water!**



# Now Let's Get the Ball Rolling

- Animal
- Feed Plan
- Shelter/Space



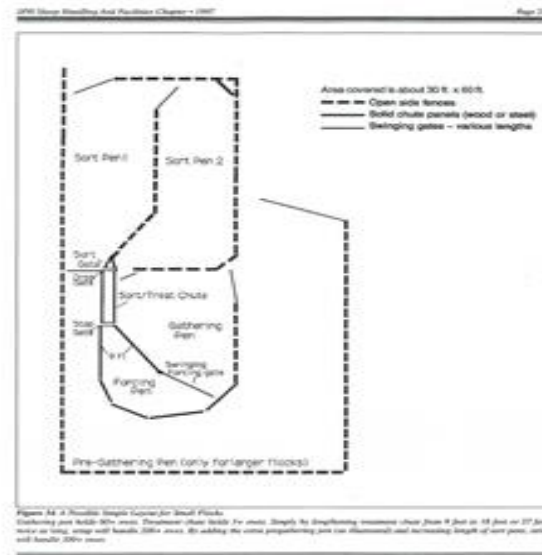
# Make 'Em Cozy

- Make sure that your animal has enough space
- Have a place the animal can get out of the weather
  - This means both the **HOT** and the COLD
- Animals will perform best on feed between 50-68 degrees F
- Have a plan for the extreme heat



# Space Requirements Cont.

Steers—60-80 square feet for pen  
15-20 square feet for shelter  
20-24” in surface area for feeder  
18-22” (throat high) for feeder height  
10-14” for feeder depth  
Normal outdoor lighting 6hrs dark/light  
Proper Ventilation





# Space Requirements

Lambs/Goats—10-15 square feet for pen  
12” in surface area for feeder  
10”(throat high) for feeder height  
Normal outdoor lighting 6hrs light/dark  
Proper ventilation

Hogs—8-12 square feet for pen  
10 additional square feet for exercise/manure area  
14” in surface area for feeder  
3-4” for feeder depth  
Normal outdoor lighting 6hrs light/dark  
Proper ventilation  
Cooling puddle/pan



# Now Let's Get the Ball Rolling

- Animal
- Feed Plan
- Shelter/Space





# ValYOU Added Products

- Changing the perception of meat products
- Educate Generations
  - 6-7 Generations removed vs. 2-3 Generations
- LOCAL PRODUCT
- Ethically Treated



# Some Final Thoughts

- Have a good health check list
- Deworm and Vaccinate- check with your veterinarian for recommendations
- Have a veterinarian connection
- Have an emergency plan
- Work with animals during the comfortable time of day for the animal
- Use the tools you have
- Have a blast
- Take pride in your project



# Questions?

