

## **SHOWLAMB NUTRITION**

5.4.22

Dr. Kevin Burgoon, Purina Honor Show Nutritionist



### **KEVIN BURGOON**

- Schertz, TX
- ■4-H & FFA
- Bred and showed Suffolks
- Vo Ag Teacher ND
- ■CEA NM and TX
- PhD Texas A&M Animal Nutrition
- ADM, Farmland, LOL, Purina



### SHOWLAMB NUTRITION

- Nutrition Basics
- Creeping
- Nutrition & Management
- Supplements













### **NUTRIENTS**

ENERGY (CALORIES)

WATER

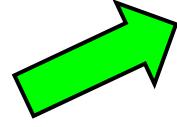
CRUDE PROTEIN

**FIBER** 

MINERALS

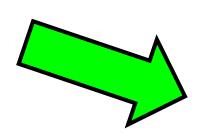
**VITAMINS** 

### **ENERGY**



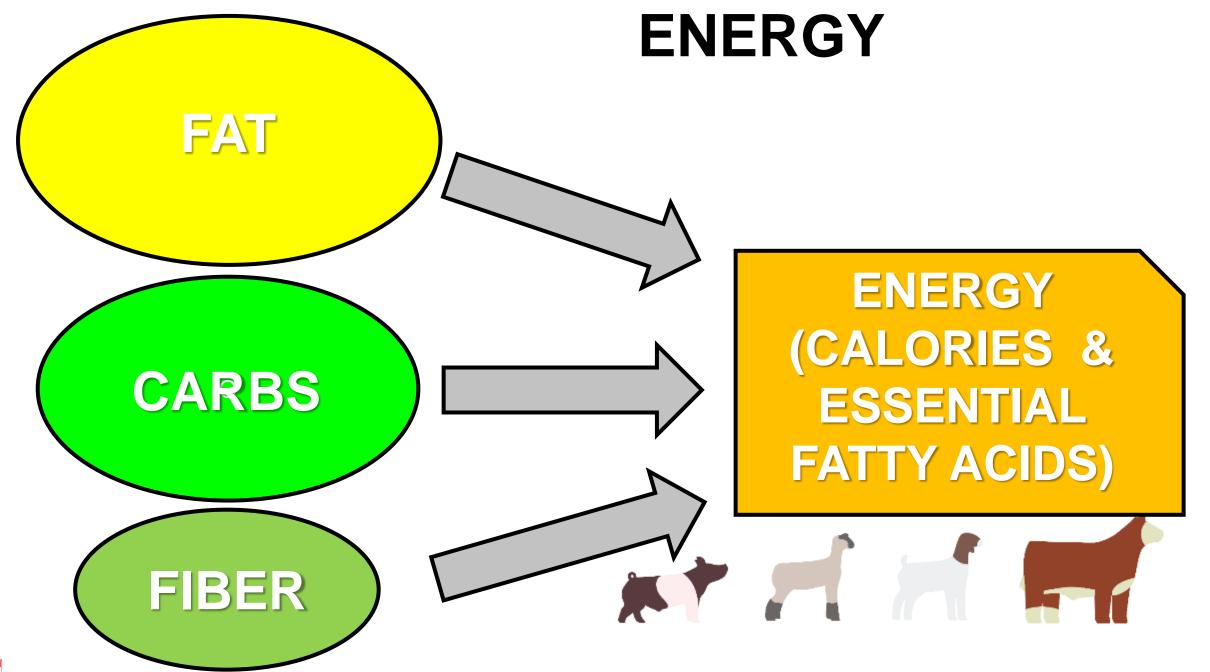
**GROWTH** 

ENERGY (CALORIES)



EVERY
METABOLIC
PROCESS





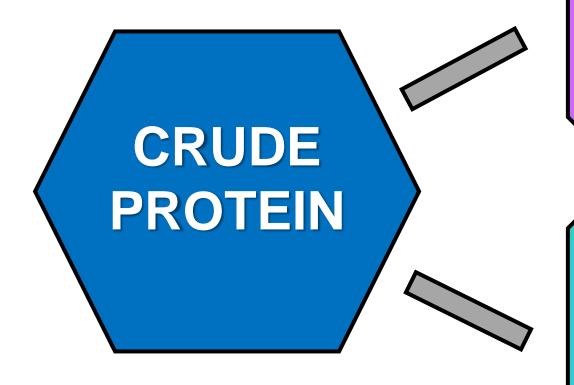
### **ENERGY**

TDN (TOTAL DIGESTIBLE NUTRIENTS %)





### **PROTEIN**



NONESSENTIAL AAs

ESSENTIAL AAs



## **FIBER**







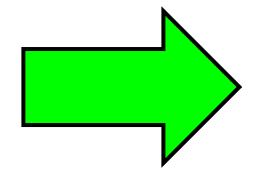
#### FEED VS SHOW FEED

- 2 sides to feed
- Nutrients dictate growth performance
- Ingredients dictate physical appearance



### FEED VS SHOW FEED

NUTRIENTS



**GROWTH** 





# **CREEP FEEDING**







### **CREEPING LAMBS**

- Pre-ruminants
- Utilize feed like a pig (feed conversion)
- THE best time to invest in nutrition
- Appropriate protein
- High energy
- MEDICATED



# **NUTRITION & MANAGEMENT**



### **MANAGEMENT**

- Deworm every 30 days
- ALWAYS offer fresh, clean, cool water
- Feed at least double handful of loose, good quality hay after the evening meal every day



### FEEDING MARKET LAMBS

#### **OPTION 1:**

Showlamb Grower DX @ 3% of BW/day Add HIGH OCTANE supplements to address areas of the lamb needing improvement











#### **OPTION 1:**

Showlamb Grower DX @ 3% of BW/day Add HIGH OCTANE supplements to address areas of the lamb needing improvement



**OPTION 2:** 

FLEX LAMB @ 3 - 5% of BW/day

Add HIGH OCTANE supplements to address areas of the lamb needing improvement



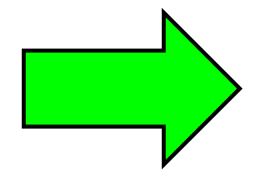
**OPTION 3:** 

PURINA Delta Lamb & Ewe + HO supplements



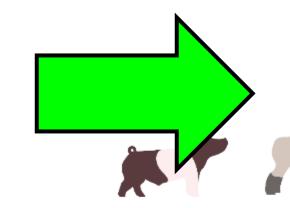
### **INCREASING GROWTH RATE**

ENERGY (CALORIES)



RESPONSIBLE FOR GROWTH

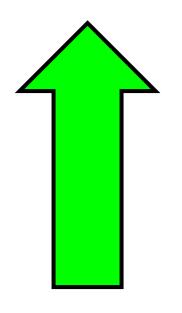
PROTEIN



INFLUENCES
COMPOSITION
OF GROWTH

### **INCREASING GROWTH RATE**

ENERGY (CALORIES)



HIGH OCTANE POWER FUEL

HIGH OCTANE GOLDEN TICKET

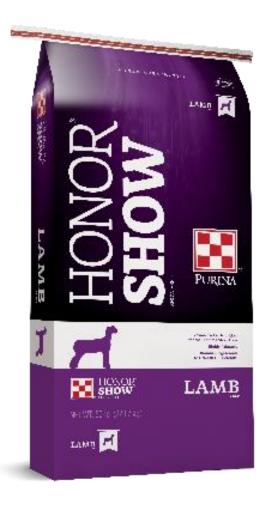




# SLOWING GROWTH RATE 0

# 0.25 lbs/day

1 lbs



1 ½ lbs





4 oz





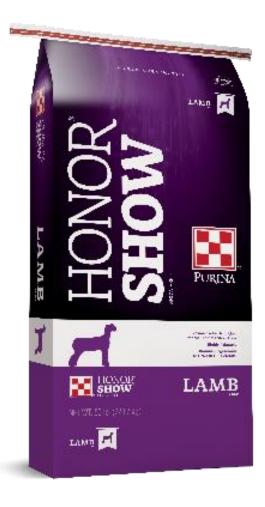




# SLOWING GROWTH RATE 0.0

# 0.0 lbs/day

1/2 lbs



2 lbs





4 oz









### PROTEIN .... too much?

- ■18% feed X 4 lbs/day = 326.6 grams protein/day
- Holding diet = 331.1 grams protein/day



### MARKET LAMBS

- Feed with the end in mind
- Nutrition + exercise
- Deworm every 30 days
- Feed some hay







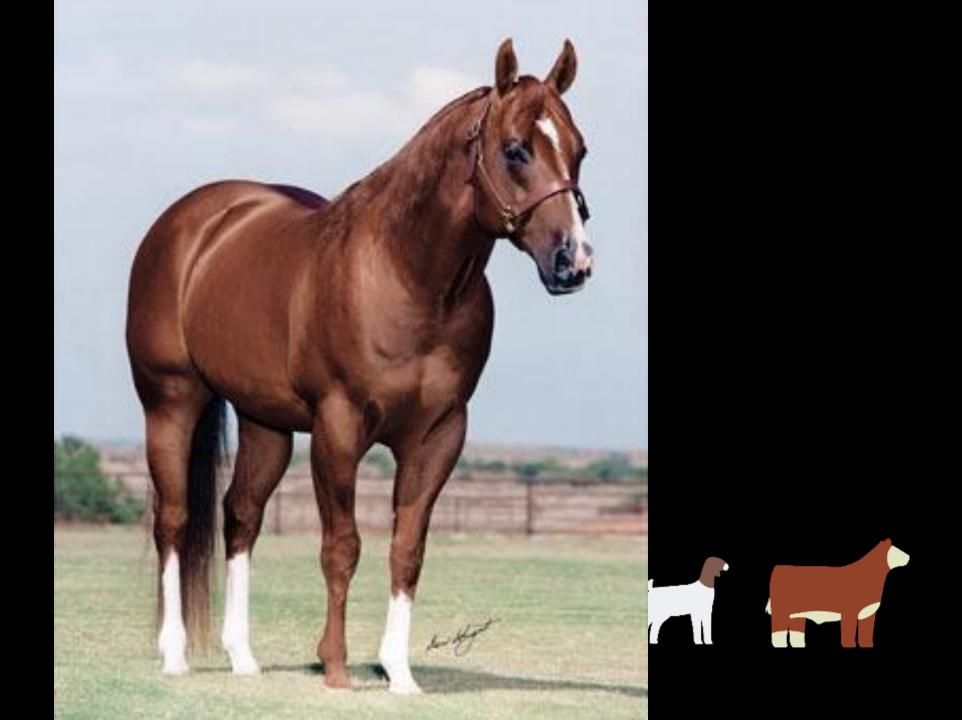




#### MARKET LAMBS

- Bulky muscle
- Not long flat muscle







#### MARKET LAMBS

- Like a sprinter
- Not like a long distance runner
- EXERCISE accordingly
- Short bursts of energy
- NOT long sustained walking















# **MUSCLE SUPPLEMENTS**













### HIGH OCTANE® Champion Drive® Proof 2019



July 7, 2019 – Hueber 18% Feed



Aug. 6, 2019 Same Feed, plus 30 days of Champion Drive and Ultra Full

City Limits Sheep Farm: Jaylyn Slutz Grand Champion Shropshire ram at the 2019 All- Ameican Jr Show



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# **ENERGY SUPPLEMENTS**







# FILL SUPPLEMENTS





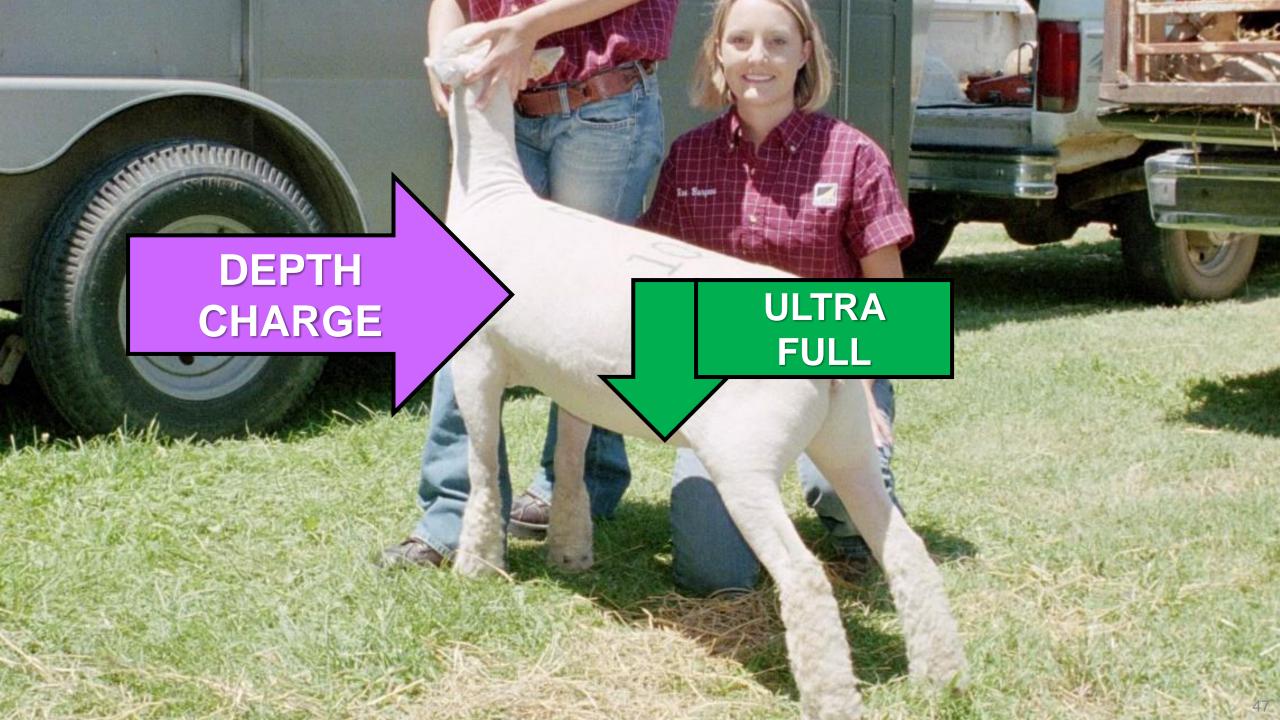












# **DIGESTIVE COMFORT**













HIGH OCTANE® FLY CONTROL SUPPLEMENT







### Champion Drive™ Supports muscle development Fat cover neutral Deccox® · Helps prevent and control coccidiosis in ruminants Ultra Full™ Help promote lower fill Designed to expand progressively Fly control with Clarifly® · Helps reduce irritation by flies

### Depth Charge®

Creates "fill" and volume

 Helps promote a full physical appearance

#### Fitter 35® (slow burn)/ Fitter 52™ (aggressive)

- · Helps promote muscling
- · Helps trim body fat

#### Heavy Weight®

- Helps add fat cover
- Helps promote growth by improving feed intake

#### Golden Ticket™ Alleviate®

- Helps support bloom and growth
  - Optimizes muscle development
  - Supports feed intake during times of stress
- Supports ruminal
- health for optimal performance
- Designed to support proper pH in stressful situations

#### Power Fuel®

- Helps promote body condition and growth performance
- Helps add fat cover
- Helps support immune function







# HIGH OCTANE® GOLDEN TICKET®





















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# QUESTIONS

