







✓

3

7



4

Clover Retail Meat Judging – 2017

Name _____ Contestant # _____ County _____

Contestant Number _____

Placing Score _____

*University of Kentucky
College of Agriculture
Animal Sciences Department*

Contestant's Name

Address

County

Class

Boneless Ribeye Steaks

A	1 2 3 4	
B	1 2 4 3	
C	1 3 2 4	
D	1 3 4 2	
E	1 4 2 3	
F	1 4 3 2	
G	2 1 3 4	
H	2 1 4 3	
I	2 3 1 4	
J	2 3 4 1	
K	2 4 1 3	
L	2 4 3 1	
M	3 1 2 4	
N	3 1 4 2	
O	3 2 1 4	
P	3 2 4 1	
Q	3 4 1 2	
R	3 4 2 1	
S	4 1 2 3	
T	4 1 3 2	
U	4 2 1 3	
V	4 2 3 1	
W	4 3 1 2	
X	4 3 2 1	

Clover Retail Meat Judging – 2017

Official: 1-2-3-4 Cuts: 2-5-3

Contestant Number _____

Placing Score _____

*University of Kentucky
College of Agriculture
Animal Sciences Department*

Contestant's Name

Address

County

Class

Boneless Ribeye Steaks

A	1 2 3 4	50
B	1 2 4 3	47
C	1 3 2 4	45
D	1 3 4 2	37
E	1 4 2 3	39
F	1 4 3 2	34
G	2 1 3 4	48
H	2 1 4 3	45
I	2 3 1 4	41
J	2 3 4 1	31
K	2 4 1 3	35
L	2 4 3 1	28
M	3 1 2 4	38
N	3 1 4 2	30
O	3 2 1 4	36
P	3 2 4 1	26
Q	3 4 1 2	20
R	3 4 2 1	18
S	4 1 2 3	29
T	4 1 3 2	24
U	4 2 1 3	27
V	4 2 3 1	20
W	4 3 1 2	17
X	4 3 2 1	15

Clover Hay Judging – 2017

Name _____ Contestant # _____ County _____

Contestant Number _____

Placing Score _____

*University of Kentucky
College of Agriculture
Animal Sciences Department*

Contestant's Name

Address

County

Class

Hay Judging Class

A	1 2 3 4	
B	1 2 4 3	
C	1 3 2 4	
D	1 3 4 2	
E	1 4 2 3	
F	1 4 3 2	
G	2 1 3 4	
H	2 1 4 3	
I	2 3 1 4	
J	2 3 4 1	
K	2 4 1 3	
L	2 4 3 1	
M	3 1 2 4	
N	3 1 4 2	
O	3 2 1 4	
P	3 2 4 1	
Q	3 4 1 2	
R	3 4 2 1	
S	4 1 2 3	
T	4 1 3 2	
U	4 2 1 3	
V	4 2 3 1	
W	4 3 1 2	
X	4 3 2 1	

Clover Hay Judging – 2017

Official: 1-2-3-4

Cuts: 2-3-4

Contestant Number _____

Placing Score _____

*University of Kentucky
College of Agriculture
Animal Sciences Department*

Contestant's Name

Address

County

Class

Hay Judging Class

A	1 2 3 4	50
B	1 2 4 3	46
C	1 3 2 4	47
D	1 3 4 2	40
E	1 4 2 3	39
F	1 4 3 2	36
G	2 1 3 4	48
H	2 1 4 3	44
I	2 3 1 4	43
J	2 3 4 1	34
K	2 4 1 3	35
L	2 4 3 1	30
M	3 1 2 4	42
N	3 1 4 2	35
O	3 2 1 4	40
P	3 2 4 1	31
Q	3 4 1 2	26
R	3 4 2 1	24
S	4 1 2 3	30
T	4 1 3 2	27
U	4 2 1 3	28
V	4 2 3 1	23
W	4 3 1 2	22
X	4 3 2 1	20

Name _____ Contestant# _____ County _____

Clover Retail Meat Cut Identification – 2017
INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each retail meat cut. Use capital letters and write neatly. **Clovers** only provide answers for retail cut name. Each question is worth 5 points (50 points total for Clovers).

- Retail
Cut
Name**
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Retail Names – to be used in answer column

Beef Retail Meat Cuts

- A. Kidney
- B. 7-Bone Steak
- C. Ribeye Steak
- D. Cross Cuts

Lamb Retail Meat Cuts

- E. Rib Roast
- F. French Style Roast
- G. Loin Double Chop

Pork Retail Meat Cuts

- H. Center Rib Roast
- I. Fresh Ham Center Slice
- J. Bacon Sliced

Name ANSWER KEY

Contestant# _____ County _____

Clover Retail Meat Cut Identification – 2017

INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each retail meat cut. Use capital letters and write neatly. **Clovers** only provide answers for retail cut name. Each question is worth 5 points (50 points total for Clovers).

- Retail
Cut
Name**
1. **D**
2. **F**
3. **A**
4. **J**
5. **G**
6. **E**
7. **B**
8. **H**
9. **C**
10. **I**

Retail Names – to be used in answer column

Beef Retail Meat Cuts

- A. Kidney
- B. 7-Bone Steak
- C. Ribeye Steak
- D. Cross Cuts

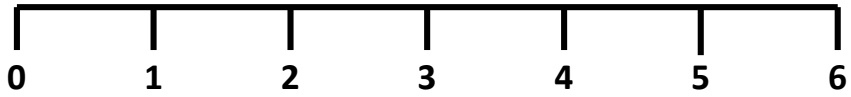
Lamb Retail Meat Cuts

- E. Rib Roast
- F. French Style Roast
- G. Loin Double Chop

Pork Retail Meat Cuts

- H. Center Rib Roast
- I. Fresh Ham Center Slice
- J. Bacon Sliced

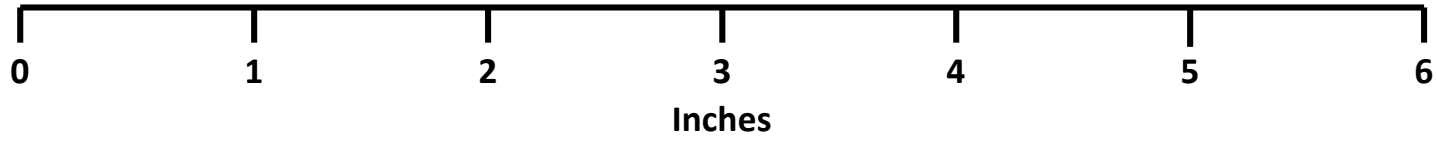
1



Inches

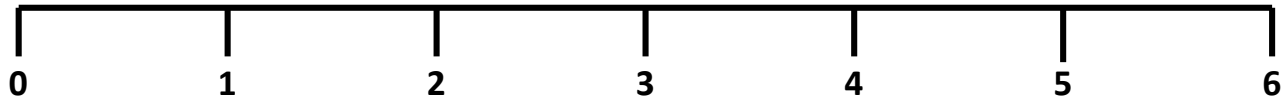


2





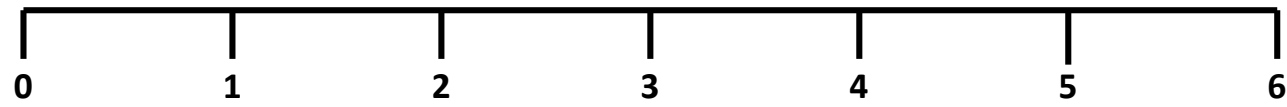
3



Inches



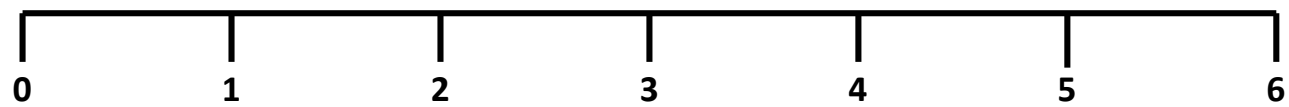
4



Inches

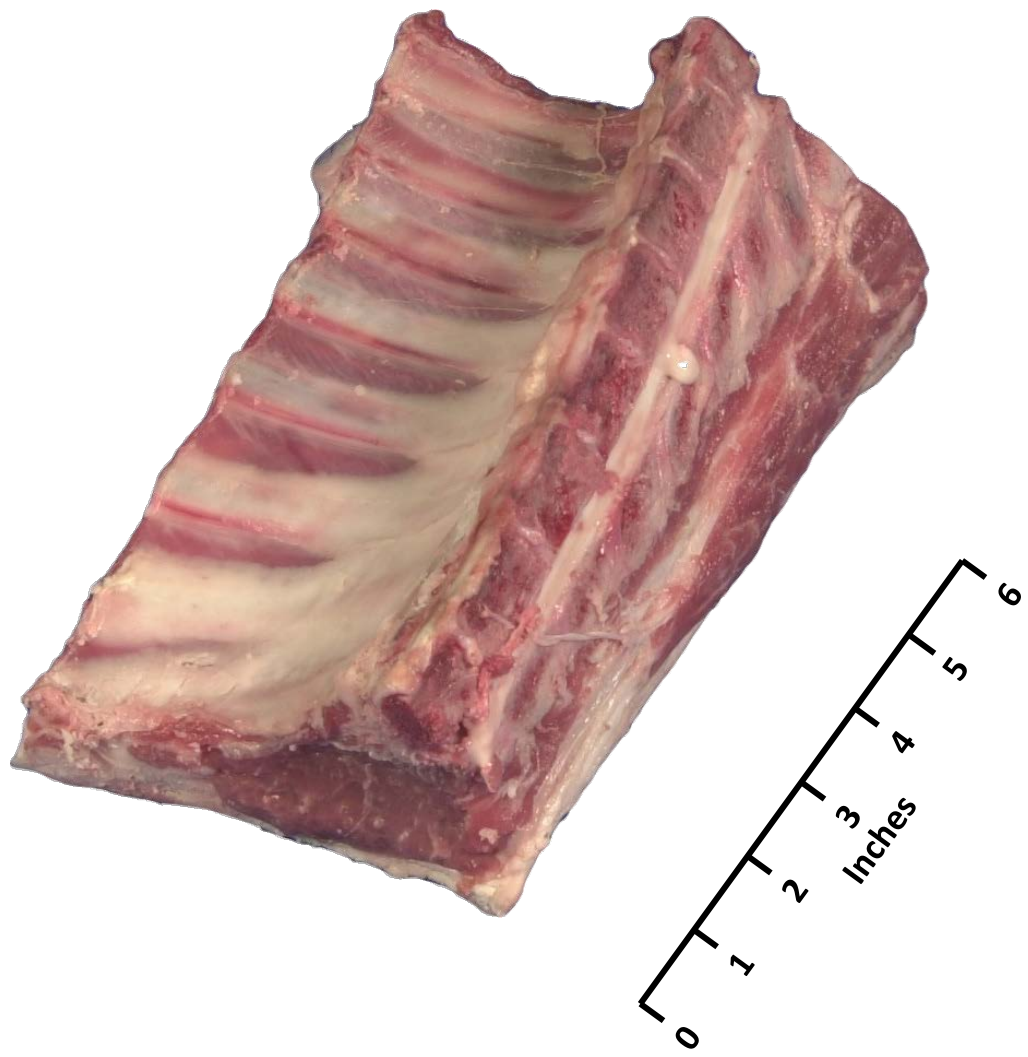


5



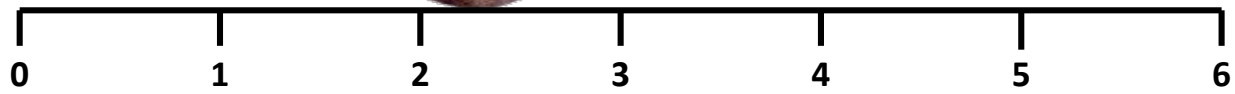
Inches

6



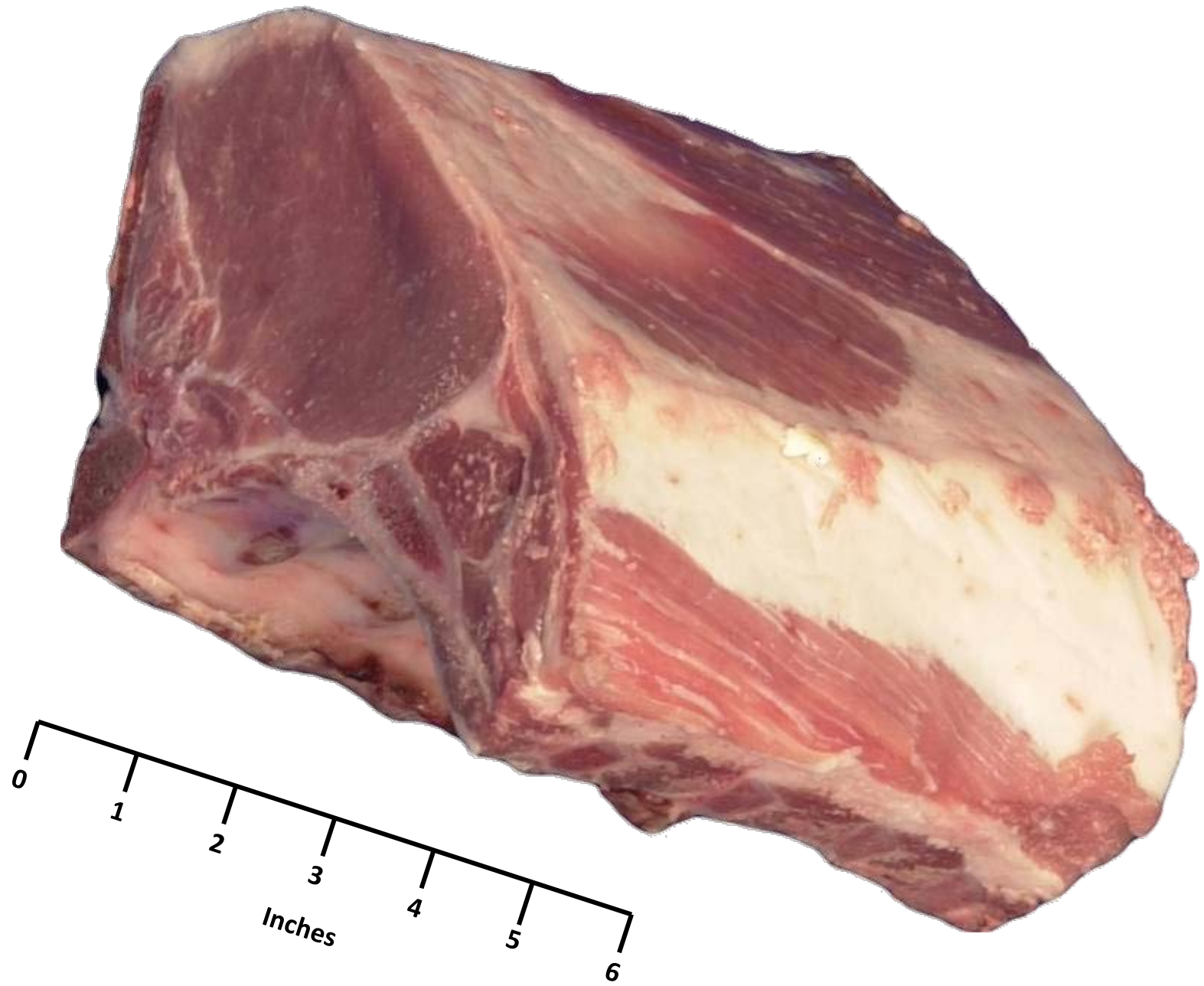


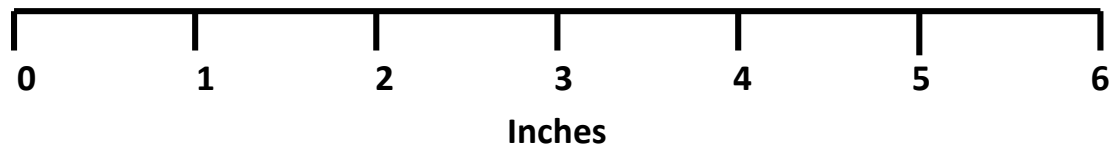
7



Inches

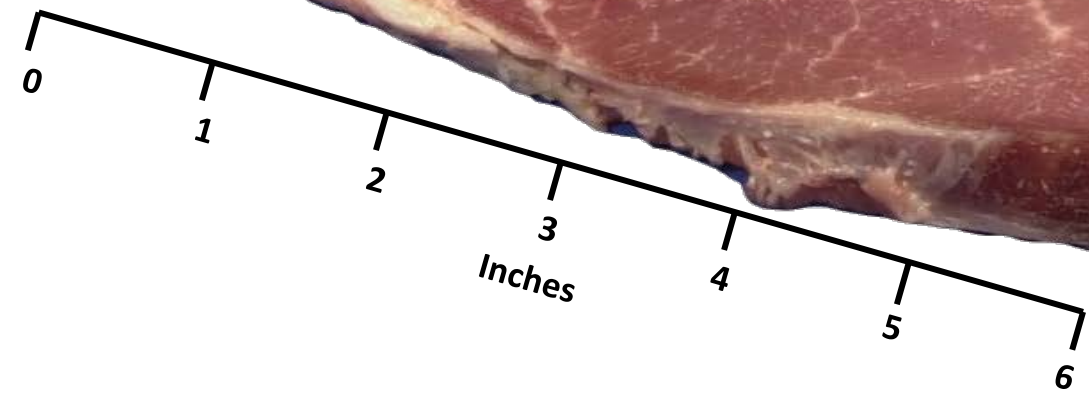
8





9

10



Name ANSWER KEY Contestant # _____ County _____

Clover Livestock Feed Identification – 2017

INSTRUCTIONS: For each sample, use the columns on the right to choose the letter that indicates your answer for each livestock feedstuff. Use capital letters and write neatly. **Clovers** provide answers for the feedstuff name. Each question is worth 5 points (50 points total for Clovers).

Feedstuff Name

1. **E**
2. **F**
3. **C**
4. **I**
5. **D**
6. **G**
7. **J**
8. **H**
9. **B**
10. **A**

Feed Names – to be used in answer column 1 by **Clovers**

- A. Molasses, dried
- B. Corn, shelled
- C. Soybeans, whole
- D. Beet Pulp, dried
- E. Alfalfa Meal
- F. Vegetable Oil
- G. Cottonseed, whole
- H. Wheat, whole
- I. Limestone, ground
- J. Rolled Oats

Name _____ Contestant # _____ County _____

Clover Livestock Feed Identification – 2017

INSTRUCTIONS: For each sample, use the columns on the right to choose the letter that indicates your answer for each livestock feedstuff. Use capital letters and write neatly. **Clovers** provide answers for the feedstuff name. Each question is worth 5 points (50 points total for Clovers).

**Feedstuff
Name**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Feed Names – to be used in answer column 1 by Clovers

- A. Molasses, dried
- B. Corn, shelled
- C. Soybeans, whole
- D. Beet Pulp, dried
- E. Alfalfa Meal
- F. Vegetable Oil
- G. Cottonseed, whole
- H. Wheat, whole
- I. Limestone, ground
- J. Rolled Oats

Name _____ Contestant # _____ County _____

Clover Livestock Equipment Identification – 2017

INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each piece of equipment. Use capital letters and write neatly. **Clovers** provide answers for livestock/meat equipment names. Each question is worth 5 points (50 points total for Clovers).

Equipment
Name

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Equipment Names – to be used in answer column 1 by Clovers

- A. Plastic Boots
- B. Sheep/Goat Rope Halter
- C. Pig Show Whip
- D. Curry Comb
- E. Pig/Lamb/Goat Feeder
- F. Paint Brand
- G. Syringe
- H. All Weather Paint Sticks
- I. Show Halter
- J. Ear Notchers

Name_____KEY_____ Contestant #_____County_____

Clover Livestock Equipment Identification – 2017

INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each piece of equipment. Use capital letters and write neatly. **Clovers** provide answers for livestock/meat equipment names. Each question is worth 5 points (50 points total for Clovers).

- | Equipment
Name | |
|-------------------|-------------------------|
| 1. | <u> F </u> |
| 2. | <u> A </u> |
| 3. | <u> I </u> |
| 4. | <u> G </u> |
| 5. | <u> J </u> |
| 6. | <u> B </u> |
| 7. | <u> H </u> |
| 8. | <u> D </u> |
| 9. | <u> E </u> |
| 10. | <u> C </u> |

Equipment Names – to be used in answer column 1 by Clovers

- A. Plastic Boots
- B. Sheep/Goat Rope Halter
- C. Pig Show Whip
- D. Curry Comb
- E. Pig/Lamb/Goat Feeder
- F. Paint Brand
- G. Syringe
- H. All Weather Paint Sticks
- I. Show Halter
- J. Ear Notchers

Name _____ **KEY** _____ Contestant # _____ County _____

Clover Livestock Breeds Identification – 2017

INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each livestock breed. Use capital letters and write neatly. **Clovers** only provide answers for breed name. Each question is worth 5 points (50 points total for Clovers).

- Breed Name
1. **C**
 2. **B**
 3. **D**
 4. **A**
 5. **G**
 6. **H**
 7. **J**
 8. **I**
 9. **F**
 10. **E**

Breed Names – to be used in answer column 1 by Clovers

<u>Beef Breeds</u>	<u>Swine Breeds</u>	<u>Sheep Breeds</u>	<u>Goat Breeds</u>
A. Gelbvieh	E. Duroc	G. South Down	I. Pygmy
B. Red Angus	F. Chester	H. Hampshire	J. Boer
C. Angus			
D. Polled Hereford			

Name _____ Contestant # _____ County _____

Clover Livestock Breeds Identification – 2017

INSTRUCTIONS: For each picture, use the columns on the right to choose the letter that indicates your answer for each livestock breed. Use capital letters and write neatly. **Clovers** only provide answers for breed name. Each question is worth 5 points (50 points total for Clovers).

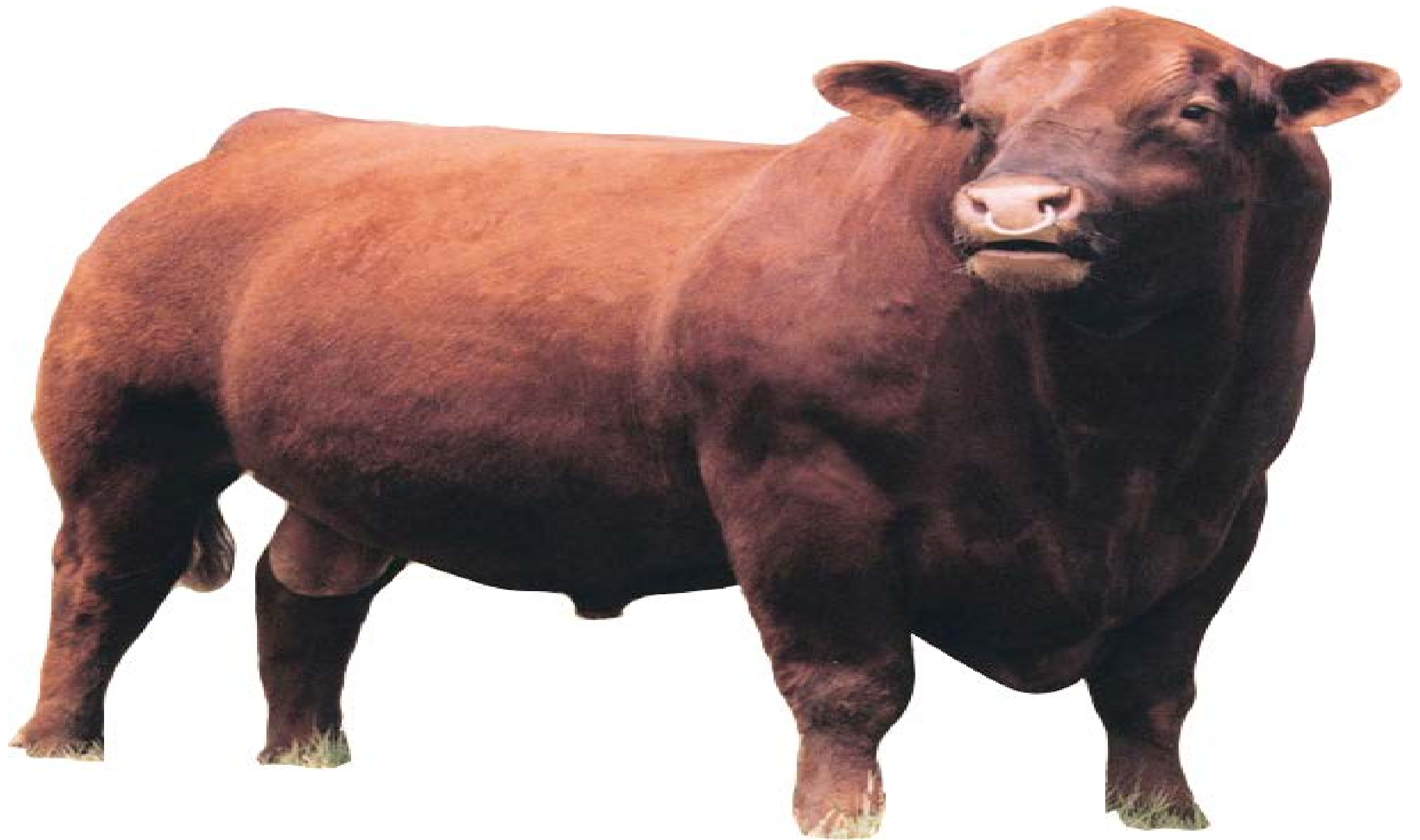
Breed
Name

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

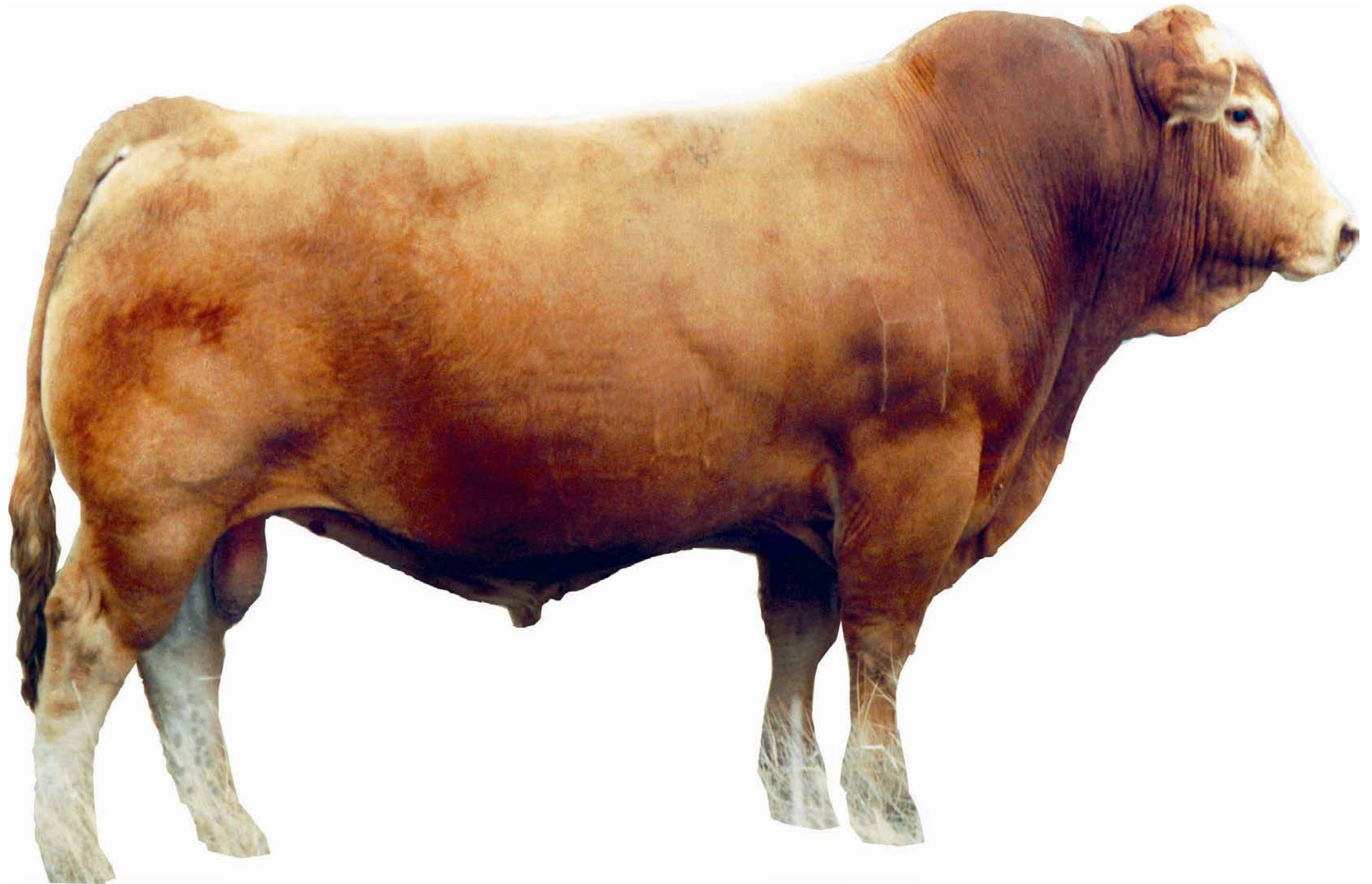
Breed Names – to be used in answer column 1 by Clovers

<u>Beef Breeds</u>	<u>Swine Breeds</u>	<u>Sheep Breeds</u>	<u>Goat Breeds</u>
A. Gelbvieh	E. Duroc	G. South Down	I. Pygmy
B. Red Angus	F. Chester	H. Hampshire	J. Boer
C. Angus			
D. Polled Hereford			





















Name_____KEY_____ Contestant#_____ County_____

Clover Quiz – 2017

Carefully circle the correct answer to each of the questions below. (Each question is worth 2 points each for a total of 50 points).

- Which of the following is found in the rear portion of a cow skeleton?
 - Stifle Joint
 - Elbow Joint
 - Humerus Bone
 - Skull
- How many compartments are in a cow's stomach?
 - One
 - Three
 - Two
 - Four
- Which hay would be most cost effective and most frequently used to feed cattle?
 - Pure third cutting Alfalfa
 - Large round bales of grass mixture
 - High quality square bales clover
 - Old, moldy square bales
- Which two items would you like to have in a feed ration for young immature calves?
 - Finely ground corn and oats
 - Clover hay and finely ground corn
 - Cracked corn and rolled oats
 - Lots of soybean meal and alfalfa
- What would we get if we cross a purebred Angus with a purebred Polled Hereford?
 - F1 cross
 - Braford
 - Black Baldie
 - Both A and C
- What is the color marking called on the front end of a goat?
 - Cape
 - Red only
 - Brockle
 - Dew claw
- What part of a goat is directly above the hoof and below the dew claw?
 - Knee
 - Hock
 - Pastern
 - Wither

8. We want meat goats to be?
- a. Flat and Narrow
 - b. Fat and light muscled
 - c. **Bold ribbed and heavy muscled**
 - d. Skinny with lots of ribs showing
9. Where would we give a deworming shot to a goat?
- a. **Neck**
 - b. Tail
 - c. Loin
 - d. Leg
10. What is the gestation length for a brood doe?
- a. Ten months
 - b. Two months
 - c. **Five months**
 - d. Six months
11. There are zero of these born each year?
- a. Gilts
 - b. **Barrows**
 - c. Boars
 - d. Foals
12. Pork chops come from the?
- a. Leg
 - b. Shoulder
 - c. Neck
 - d. **Loin**
13. A castrated boar is a?
- a. Gilt
 - b. **Barrow**
 - c. Boar
 - d. Foal
14. What age should a gilt farrow for the first time?
- a. **11-13 months old**
 - b. 24 months old
 - c. 5-6 months old
 - d. 18 months old
15. Market hogs get one of these at market animal validation sites?
- a. Tattoo
 - b. Paint Brand
 - c. Metal ear tag
 - d. **Electronic ID tag**
16. Highest price cuts of lamb come from the?
- a. Neck
 - b. Ribs
 - c. Leg
 - d. **Loin**

17. What is it called where the tail is removed from a lamb?
- a. Hip
 - b. Cannon
 - c. **Dock**
 - d. Nose
18. An intact male sheep is called a?
- a. **Ram**
 - b. Wether
 - c. Ewe
 - d. Doe
19. What is the normal estrus cycle in sheep?
- a. 10 days
 - b. 23-25 days
 - c. **15-18 days**
 - d. 30 days
20. Lean muscle is a high priority in figuring what in sheep?
- a. Quality grade
 - b. Marbling
 - c. **Yield Grade**
 - d. Bone density
21. The Kentucky State Fair is held in?
- a. Paducah
 - b. **Louisville**
 - c. Morehead
 - d. Lexington
22. What mineral should not be included in diets for sheep?
- a. Phosphorus
 - b. Magnesium
 - c. Molybdenum
 - d. **Copper**
23. What essential nutrient is most important to all species of livestock?
- a. **Water**
 - b. Protein
 - c. Vitamins
 - d. Minerals
24. What is the most widely fed feed grain for livestock in the U.S.?
- a. Wheat
 - b. Barley
 - c. **Corn**
 - d. Grain sorghum
25. The female reproductive organ where the egg is fertilized is called the _____.
- a. Ovary
 - b. **Oviduct**
 - c. Cervix
 - d. Uterus

Name_____ Contestant#_____ County_____

Clover Quiz – 2017

Carefully circle the correct answer to each of the questions below.

(Each question is worth 2 points each for a total of 50 points).

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 - Stifle Joint
 - Elbow Joint
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 - Old, moldy square bales
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 - Cracked corn and rolled oats
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- What would we get if we cross a purebred Angus with a purebred Polled Hereford?
 - F1 cross
 - Braford
 - Black Baldie
 - Both A and C
- What is the color marking called on the front end of a goat?
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 - Brockle
 - Dew claw
- What part of a goat is directly above the hoof and below the dew claw?
 - Knee
 - Hock
 - Pastern
 - Wither

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 - b. Tail
 - c. Loin
 - d. Leg
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 - b. Two months
 - c. Five months
 - d. Six months
11. There are zero of these born each year?
- a. Gilts
 - b. Barrows
 - c. Boars
 - d. Foals
12. Pork chops come from the?
- a. Leg
 - b. Shoulder
 - c. Neck
 - d. Loin
13. A castrated boar is a?
- a. Gilt
 - b. Barrow
 - c. Boar
 - d. Foal
14. What age should a gilt farrow for the first time?
- a. 11-13 months old
 - b. 24 months old
 - c. 5-6 months old
 - d. 18 months old
15. Market hogs get one of these at market animal validation sites?
- a. Tattoo
 - b. Paint Brand
 - c. Metal ear tag
 - d. Electronic ID tag
16. Highest price cuts of lamb come from the?
- a. Neck
 - b. Ribs
 - c. Leg
 - d. Loin

17. What is it called where the tail is removed from a lamb?
- a. Hip
 - b. Cannon
 - c. Dock
 - d. Nose
18. An intact male sheep is called a?
- a. Ram
 - b. Wether
 - c. Ewe
 - d. Doe
19. What is the normal estrus cycle in sheep?
- a. 10 days
 - b. 23-25 days
 - c. 15-18 days
 - d. 30 days
20. Lean muscle is a high priority in figuring what in sheep?
- a. Quality grade
 - b. Marbling
 - c. Yield Grade
 - d. Bone density
21. The Kentucky State Fair is held in?
- a. Paducah
 - b. Louisville
 - c. Morehead
 - d. Lexington
22. What mineral should not be included in diets for sheep?
- a. Phosphorus
 - b. Magnesium
 - c. Molybdenum
 - d. Copper
23. What essential nutrient is most important to all species of livestock?
- a. Water
 - b. Protein
 - c. Vitamins
 - d. Minerals
24. What is the most widely fed feed grain for livestock in the U.S.?
- a. Wheat
 - b. Barley
 - c. Corn
 - d. Grain sorghum
25. The female reproductive organ where the egg is fertilized is called the _____.
- a. Ovary
 - b. Oviduct
 - c. Cervix
 - d. Uterus

MERCK ANIMAL HEALTH

Intervet Inc.

2 GIRALDA FARMS, MADISON, NJ, 07940

Customer Service: 800-521-5767

Order Desk: 800-648-2118

Technical Service (Livestock): 800-211-3573

Website: www.merck-animal-health-usa.com

BO-SE®



Intervet/Merck Animal Health

PRODUCT INFORMATION

(SELENIUM, VITAMIN E)

Injection

FOR VETERINARY USE ONLY

CAUTION Federal law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION BO-SE (selenium, vitamin E) is an emulsion of selenium-tocopherol for the prevention and treatment of white muscle disease (Selenium-Tocopherol Deficiency) syndrome in calves, lambs, and ewes, and as an aid in the prevention and treatment of Selenium-Tocopherol Deficiency in sows and weanling pigs.

CONTRAINDICATIONS DO NOT USE IN PREGNANT EWES.

WARNINGS: Discontinue use 30 days before the treated calves are slaughtered for human consumption. Discontinue use 14 days before the treated lambs, ewes, sows, and pigs are slaughtered for human consumption. Selenium-Vitamin E preparations can be toxic when improperly administered.

DOSAGE AND ADMINISTRATION Inject subcutaneously or intramuscularly. Calves: 2.5-3.75 mL per 100 pounds of body weight depending on the severity of the condition and the geographical area. Lambs 2 weeks of age and older: 1 mL per 40 pounds of body weight (minimum, 1 mL). Ewes: 2.5 mL per 100 pounds of body weight. Sows: 1 mL per 40 pounds of body weight. Weanling pigs: 1 mL per 40 pounds of body weight (minimum, 1 mL). Not for use in newborn pigs.

STORAGE Store between 2° and 30°C (36° and 86°F). Protect from freezing.

NADA #12-635, Approved by FDA.

October 1998

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Name _____ Contestant# _____ County _____

Clover Individual Quality Assurance – 2017

Your mentor has told you that it would be good to talk to your vet about getting some BO-SE for the lambs you are raising. You also buy a couple of pigs to show each year. Use the **BO-SE** label to answer the **5 questions** below relating to this product which you purchased from your vet. **Circle your answers.** (5 questions worth 10 points per question for 50 total points).

1. If your lambs weigh 45 pounds, what dosage of BO-SE would be most acceptable?

- | | |
|------------|----------|
| A.) 1/4 mL | C.) 1 mL |
| B.) 6 mL | D.) 4 mL |

2. How is BO-SE to be given to your lambs?

- | | |
|---------------------|-------------------|
| A.) Intramuscularly | C.) Subcutaneous |
| B.) Intravenously | D.) Either A or C |

3. If you gave your lamb an injection of BO-SE on July 1, when would it first be safe to harvest it for food?

- | | |
|-------------|--------------|
| A.) July 2 | C.) July 16 |
| B.) July 12 | D.) August 1 |

4. BO-SE should not be given to which of the following?

- | | |
|-----------------------|---------------|
| A.) Non-pregnant Ewes | C.) Ewe Lambs |
| B.) Pregnant Ewes | D.) Ram Lambs |

5. When your show pigs average 80 pounds apiece, what is recommended?

- | | |
|----------|----------|
| A.) ½ mL | C.) 2 mL |
| B.) ¼ mL | D.) 6 mL |

Key

Clover Individual Quality Assurance – 2017

Your mentor has told you that it would be good to talk to your vet about getting some BO-SE for the lambs you are raising. You also buy a couple of pigs to show each year. Use the **BO-SE** label to answer the **5 questions** below relating to this product.

Circle your answers. (5 questions worth 10 points per question for 50 total points).

1. If your lambs weigh 45 pounds, what dosage of BO-SE would be most acceptable?

A.) 1/4 mL

C.) 1 mL

B.) 6 mL

D.) 4 mL

2. How is BO-SE to be given to your lambs?

A.) Intramuscularly

C.) Subcutaneous

B.) Intravenously

D.) Either A or C

3. If you gave your lamb an injection of BO-SE on July 1, when would it first be safe to harvest it for food?

A.) July 2

C.) July 16

B.) July 12

D.) August 1

4. BO-SE should not be given to which of the following?

A.) Non-pregnant Ewes

C.) Ewe Lambs

B.) Pregnant Ewes

D.) Ram Lambs

5. When your show pigs average 80 pounds apiece, what is recommended?

A.) ½ mL

C.) 2 mL

B.) ¼ mL

D.) 6 mL

MERCK ANIMAL HEALTH
Intervet Inc.

BOSS®

Intervet/Merck Animal Health

POUR-ON INSECTICIDE FOR BEEF & DAIRY CATTLE & SHEEP

Controls Flies and Lice On Cattle

Season-Long Lice Control† with One Application

Controls Keds and Lice On Sheep

May be used with Automatic Dosing System

ACTIVE INGREDIENTS	
Permethrin: (3-phenoxyphenyl)methyl (±) cis, trans-3-(2,2-dichloroethenyl)-2, 2-dimethylcyclopropanecarboxylate*	5.00%
INERT INGREDIENTS**	95.00%
TOTAL	100.00%

Keep Out of Reach of Children

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Apply To	Target Species	Dosage
Lactating and Non-Lactating Dairy Cattle, Beef Cattle, and Calves	Lice, Horn flies, Face flies Aids in control of Horse flies, Stable flies, Mosquitoes, Black flies, and Ticks.	Apply 3 mL per 100 lbs body weight of animal up to a maximum of 30 mL for any one animal. Pour along back and down face.
Sheep	Sheep Keds, Lice	Pour along back. Apply 1.5 mL per 50 lbs of body weight of animal up to a maximum of 18 mL for any one animal.

For cattle and sheep, repeat treatment as needed but not more than once every 2 weeks.

SPECIAL NOTE: Boss® Pour-On Insecticide is not effective against cattle grubs. Boss® Pour-On Insecticide should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

Information on Back

PRECAUTIONARY STATEMENTS, HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

If On Skin or Clothing • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. **If In Eyes** • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. **If Swallowed** • Call poison control center or doctor immediately for treatment advice.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and other aquatic invertebrates. Do not add directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on label.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Keep container sealed when not in use. Do not store near food or feed.

NOTICE OF WARRANTY

MERCK ANIMAL HEALTH MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THIS PRODUCT UNDER NORMAL CONDITIONS AND IN ACCORDANCE WITH THE STATEMENTS ON THE LABEL.

Net Contents:
One US Quart (0.946 L) Squeeze 'N' Measure™ Bottle
Treats 57 550-lb Cattle
One US Gallon (3.785 L)
Treats 229 550-lb Cattle

Clover Quality Assurance Team Exercise 2017

County _____

Team

Members: _____

Your group is managing a group of feeder calves. You have noticed them scratching on posts and it is the beginning of fly season. A product called “Boss” was recommended for use on your calves. Before using you should know about the product. Use the “Boss” Label to answer the following questions.

(Each question is worth 10 points for a total of 100 possible points.)

1.) What is the active drug ingredient?

- a.) Permethrin
- b.) Calcium Carbonate
- c.) Chlortetracycline
- d.) Lasalocid

2.) Which of the following can you use this product on?

- a.) Beef or dairy calves
- b.) Dairy cows producing milk
- c.) Sheep
- d.) All of these

3.) How often can you repeat using this product?

- a.) Every week
- b.) Every 2 weeks
- c.) Every 3 days
- d.) Every day

4.) You also have some lambs you just weaned and are turning them out on pasture. If they weigh 50 pounds on the average, how much “Boss” would you pour on each of their backs?

- a.) 0.4 mL
- b.) 1.2 mL
- c.) 1.5 mL
- d.) 2.7 mL

5.) Which of the following are controlled by using “Boss” on cattle or sheep?

- a.) Flies
- b.) Keds
- c.) Lice
- d.) All of the above

[OVER]

6.) How do you use this product?

- a.) Pour on
- b.) Sub Q
- c.) Intramuscular
- d.) All of these

7.) How many calves can you treat with the “Squeeze ‘N’ Measure” one quart bottle?

- a.) 229 550 pound calves
- b.) 57 550 pound calves
- c.) 57 lactating dairy cows
- d.) All of these

8.) Inert ingredients make up what percentage of the total ingredients?

- a.) 5 %
- b.) 100 %
- c.) 95 %
- d.) 33 %

9.) Which statement is true?

- a.) “Boss” is manufactured by High Noon Feeds, LLC
- b.) This product is toxic and you need to call poison control if swallowed.
- c.) A one US Quart bottle will treat 229 head of 550 pound calves.
- d.) Controls cattle grubs.

10.) Which of the following would be a safe place to store this product?

- a.) Refrigerator where you store your food
- b.) In or around your calf and lamb feed
- c.) Cool, dry area away from feed
- d.) Close to your water supply

Clover Quality Assurance Team Exercise 2017

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County_____

Team Members _____

Clover Team Breeding Exercise – 2017

Your group is working with another Clover to help them select one or two heifers which will be the foundation for their future cattle project. They have a budget of \$3,000.00. They would like to buy two if possible. While looking at the cost and the live heifers figure out which heifer or heifers that you would suggest for this individual. Answer the five questions below, then explain to the listener(s) how you came to the choice you did and why.

[The questions are worth 10 points each for a total of 50 possible points and your discussion with the Official is worth 150 possible points for a grand total of 200 possible points.]

1.) Which Heifer would you **not** purchase to build a project around?

1 *2* *3* *4* *5*

2.) Which Heifer should raise the fastest growing calves based on their performance?

1 *2* *3* *4* *5*

3.) Which two heifers could this future cattle producer buy and still be in their budget and have higher quality stock? (You could have different combinations but only choose two of the heifers.)

1 *2* *3* *4* *5*

4.) Which Heifer has the most structural issues?

1 *2* *3* *4* *5*

5.) Which heifer appears to have the most balance?

1 *2* *3* *4* *5*

1. \$850
2. \$1325
3. \$1250
4. \$800
5. \$1670

KEY

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- 3.) Which two heifers could this future cattle producer buy and still be in their budget and have higher quality stock?

2 and 3

- 4.) Which Heifer has the most structural issues?

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- 5.) Which heifer appears to have the most balance?

1 2 3 4 5

1. \$850 2. \$1325 3. \$1250 4. \$800 5. \$1670