

Name Answer Key Contestant # _____ County _____

Clover Livestock Breeds Identification – 2016

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

Breed Names – to be used in answer column 1 by <u>Clovers</u>			
<u>Beef Breeds</u>	<u>Swine Breeds</u>	<u>Sheep Breeds</u>	<u>Goat Breeds</u>
A. Angus	D. Hampshire	G. Suffolk	I. Angora
B. Red Angus	E. Landrace	H. White Dorper	J. Lamancha
C. Shorthorn	F. Yorkshire		

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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. Angus	D. Hampshire	G. Suffolk	I. Angora
B. Red Angus	E. Landrace	H. White Dorper	J. Lamancha
C. Shorthorn	F. Yorkshire		



1





3



4



5

6



THE NORTH STAR SHOW



7



8



9



10

County_____Answer Key_____

Team Members _____

Clover Team Breeding Exercise – 2016

Your group is working with Farmer Ann to help her decide which Hereford bull or bulls to buy. Ann has a budget of \$6000.00. She will be using Hereford bulls to mate to Angus females. She will keep twenty-five percent of the heifers back as replacements. Her labor and feed resources are limited. Using the data provided with the pictures of the bulls, circle your answer to the five questions below and then discuss with the Contest Official why your group selected the bull or bulls you chose.

[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 Bull would you **not** buy?

1 *2* *3* *4*

2.) Which Bull should sire the fastest performing calves?

1 *2* *3* *4*

3.) Which two Bulls should sire calves that would capture the most dollars for Farmer Ann?

1 *2* *3* *4*

4.) Which Bull could sire the **most** issues at birth?

1 *2* *3* *4*

5.) Between 1 and 4 which Bull appears to have more muscle?

1 *2* *3* *4*

County_____

Team Members _____

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Your group is working with Farmer Ann to help her decide which Hereford bull or bulls to buy. Ann has a budget of \$6000.00. She will be using Hereford bulls to mate to Angus females. She will keep twenty-five percent of the heifers back as replacements. Her labor and feed resources are limited. Using the data provided with the pictures of the bulls, circle your answer to the five questions below and then discuss with the Contest Official why your group selected the bull or bulls you chose.

Price of Bulls:

1. \$2,500.00 2. \$3,000.00 3. \$1,800.00 4. \$5,000

[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 Bull would you **not** buy?

1 *2* *3* *4*

2.) Which Bull should sire the fastest performing calves?

1 *2* *3* *4*

3.) Which two Bulls should sire calves that would capture the most dollars for Farmer Ann?

1 *2* *3* *4*

4.) Which Bull could sire the **most** issues at birth?

1 *2* *3* *4*

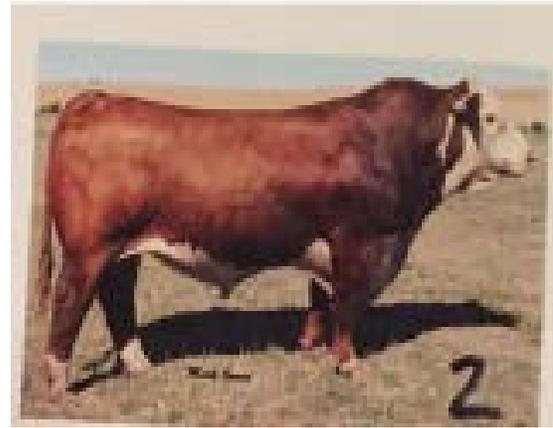
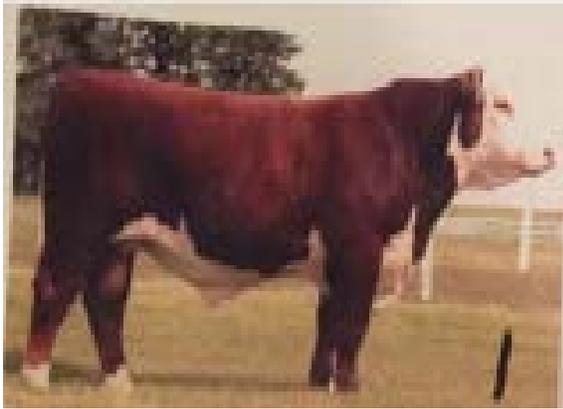
5.) Between 1 and 4 which Bull appears to have more muscle?

1 *2* *3* *4*

Clover Team Breeding Activity

Ideas for listeners

- 1. Bull #3 should not be purchased. His high birth weight could cause labor issues. His low Growth numbers and low CHB would probably mean his calves would generate the least amount of dollars for the Producer.**
- 2. Bull #4 is outstanding in his look and numbers. His market calves should be muscular, and replacement females should look very maternal and structurally correct. He is the highest priced bull but is still within the budget. He would be an acceptable choice.**
- 3. Bulls #1 and #2 could be purchased individually or as a pair and still be within the price range. Both bulls are acceptable on data with 2 having a slight advantage. Even though I feel that 1 is not as good as 2 and 4, he would probably be the first to sell to the majority of buyers as he is the cheapest of the top three and still is acceptable in his numbers.**
- 4. My placing of the Hereford Bulls would be 4-2-1-3**



	BW	WW	YW	\$CHB
1.	2.5	71	120	35
2.	2.1	72	120	39
3.	7.0	59	90	30
4.	2.3	72	125	39



Name _____ **Answer Key** _____ Contestant # _____ County _____

Clover Livestock and Meat Equipment Identification – 2016

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	Equipment Names – to be used in answer column 1 by Clovers
1. <u> G </u>	A. Electric Sheep Clippers
2. <u> D </u>	B. Semen Tank
3. <u> I </u>	C. Fence Pliers
4. <u> B </u>	D. Slap Tattoo
5. <u> F </u>	E. Elastrator
6. <u> A </u>	F. Ralgro Pellet Injector
7. <u> C </u>	G. Sheep Rope Halter
8. <u> J </u>	H. All Weather Paint Sticks
9. <u> E </u>	I. Water Heater
10. <u> H </u>	J. Ear Notchers

Name _____ Contestant # _____ County _____

Clover Livestock and Meat Equipment Identification – 2016

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. Electric Sheep Clippers
- B. Semen Tank
- C. Fence Pliers
- D. Slap Tattoo
- E. Elastrator
- F. Ralgro Pellet Injector
- G. Sheep Rope Halter
- H. All Weather Paint Sticks
- I. Water Heater
- J. Ear Notchers



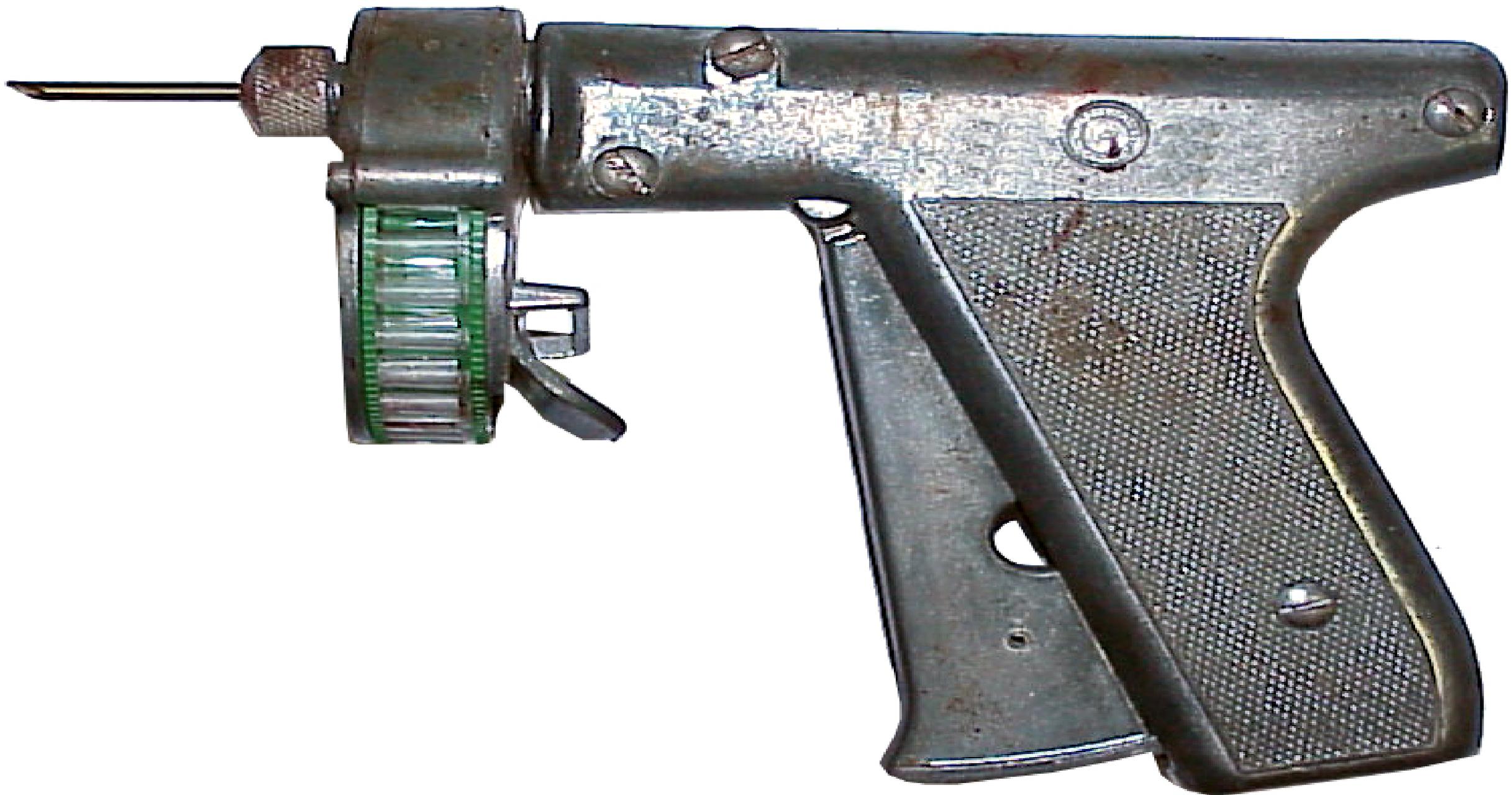




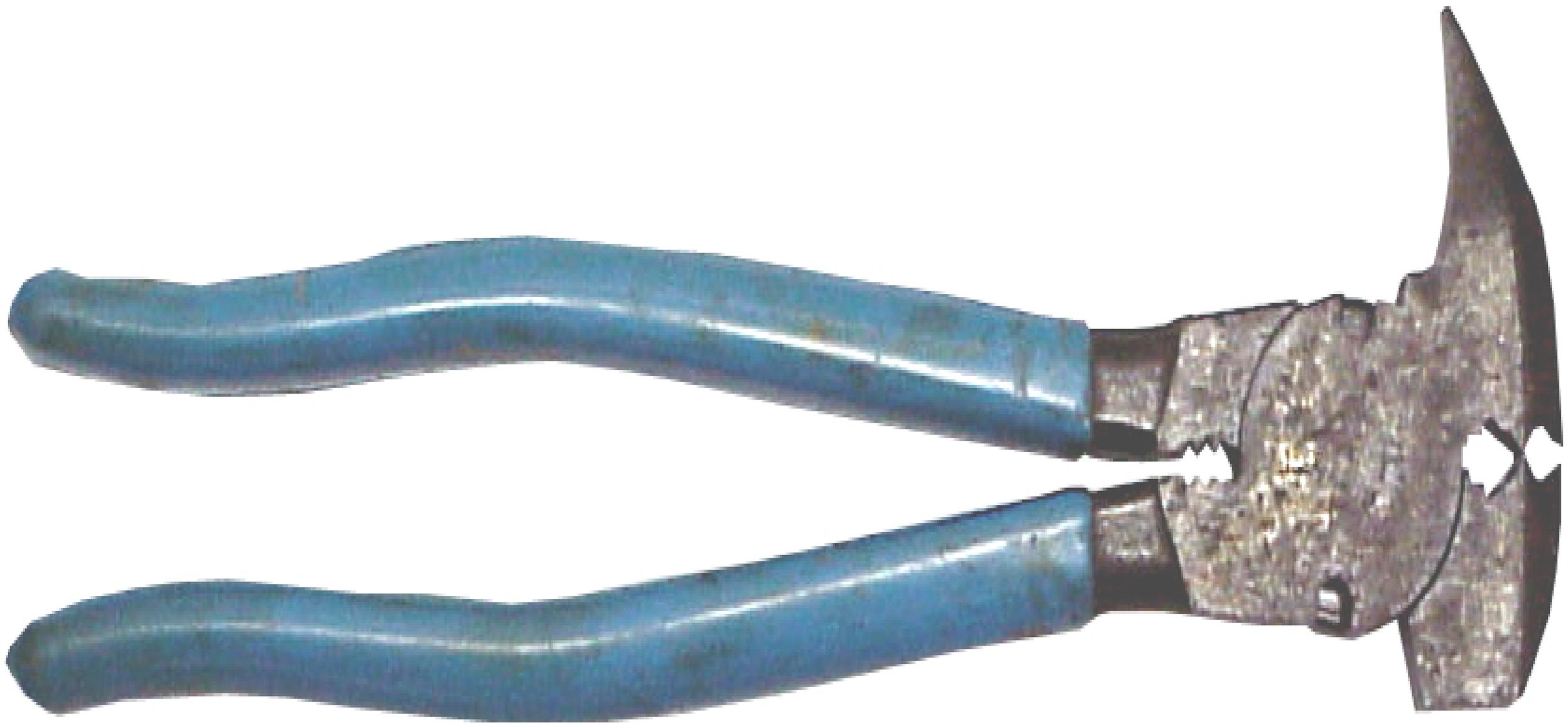
1000 W 120 VAC
MODEL H-1110
Fiducial
ICE-MS-101-DE-CEP
1000 W 120 VAC
MODEL H-1110
Fiducial
ICE-MS-101-DE-CEP

ATTENTION: Lire attentivement les instructions d'utilisation et de maintenance avant d'utiliser l'appareil. Voir le manuel d'instructions.

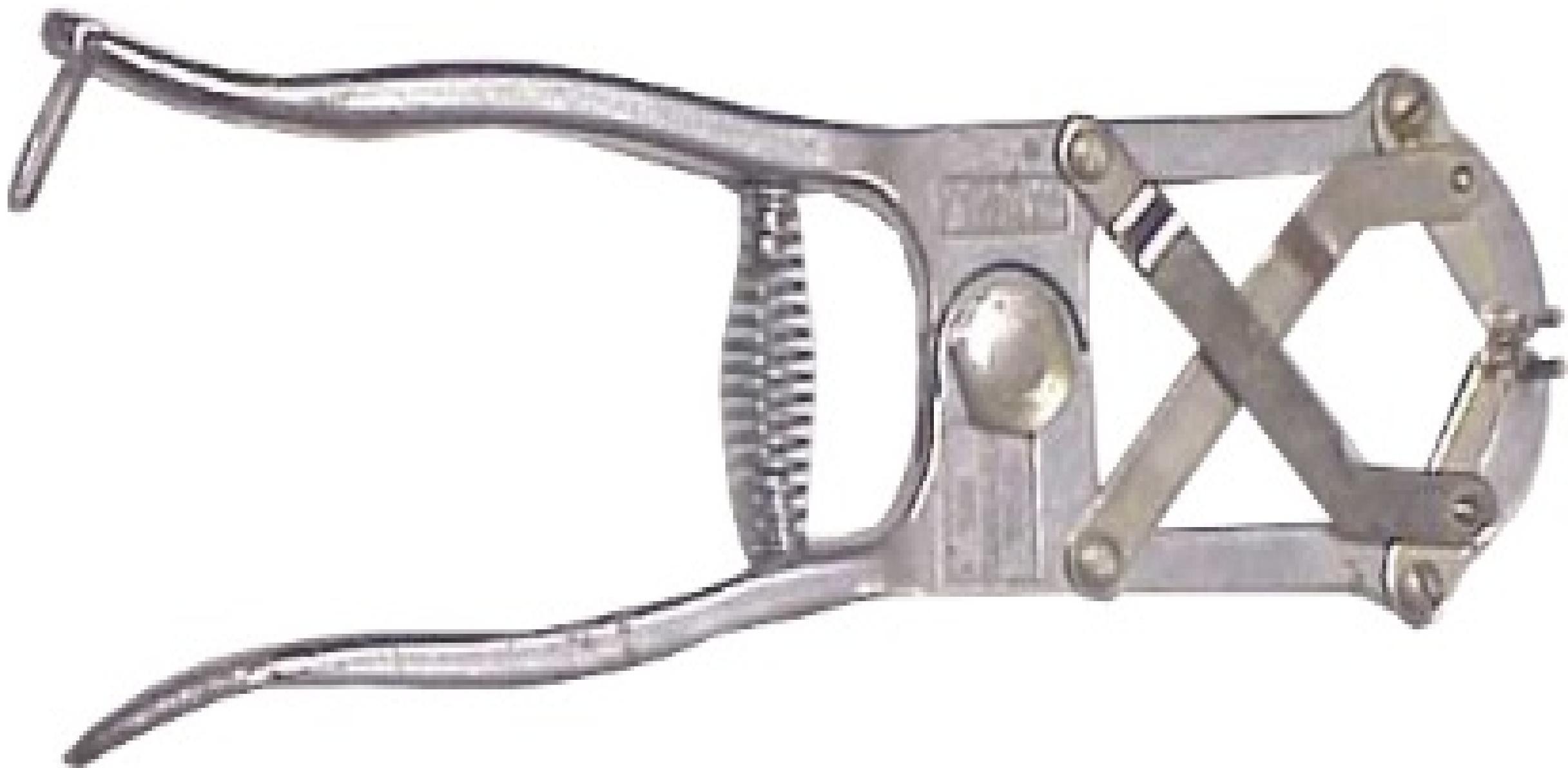












INSTRUCCIONES: Retire la película que cubre la punta de la barra todos los días antes de marcar. Marque sobre cuero, pellejo y piel, secos y mojados.

0 11 48615 61025 411 2

PART NO. 61025

ALL-WEATHER® PAINTSTIK®

LIVESTOCK MARKER
MARQUEUR A BÉTAIL
MARCADOR PARA GANADO

NET WT. 2 1/4 OZ.

INSTRUCCIONES: Retire la película que cubre la punta de la barra todos los días antes de marcar. Marque sobre cuero, pellejo y piel, secos y mojados.

0 11 48615 61024 5

PART NO. 61024

ALL-WEATHER® PAINTSTIK®

LIVESTOCK MARKER
MARQUEUR A BÉTAIL
MARCADOR PARA GANADO

NET WT. 2 1/4 OZ.



Name ANSWER KEY Contestant # _____ County _____

Clover Livestock Feed Identification – 2016

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

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

- A. Cracked Corn
- B. Corn, shelled
- C. Soybeans, whole
- D. Beat Pulp, dried
- E. Tall Fescue hay
- F. Oyster Shells
- G. Cottonseed, whole
- H. Wheat, whole
- I. Liquid Molasses
- J. Dried Skim Milk

Name _____ Contestant # _____ County _____

Clover Livestock Feed Identification – 2016

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. Cracked Corn
- B. Corn, shelled
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- E. Tall Fescue hay
- F. Oyster Shells
- G. Cottonseed, whole
- H. Wheat, whole
- I. Liquid Molasses
- J. Dried Skim Milk

1



2



3



4



5



6



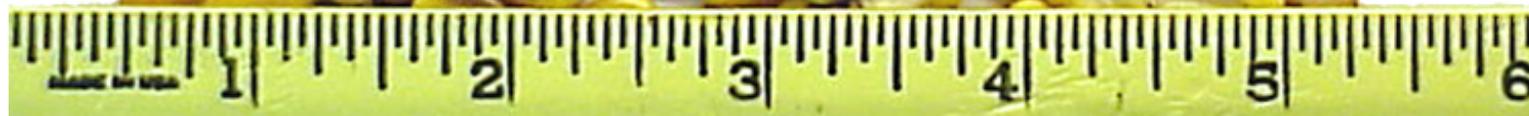
7



8



9



10



Clover Hay Judging – 2016

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 - 2016

Name ANSWER KEY Contestant # _____ County _____

Official Placing = 2-4-3-1

Cuts = 2-4-3

(50 points possible)

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	27
B	1 2 4 3	31
C	1 3 2 4	21
D	1 3 4 2	19
E	1 4 2 3	29
F	1 4 3 2	23
G	2 1 3 4	36
H	2 1 4 3	40
I	2 3 1 4	39
J	2 3 4 1	46
K	2 4 1 3	47
L	2 4 3 1	50
M	3 1 2 4	24
N	3 1 4 2	22
O	3 2 1 4	33
P	3 2 4 1	40
Q	3 4 1 2	29
R	3 4 2 1	38
S	4 1 2 3	36
T	4 1 3 2	30
U	4 2 1 3	45
V	4 2 3 1	48
W	4 3 1 2	33
X	4 3 2 1	42

Name _____ ANSWER KEY _____ Contestant # _____ County _____

Clover Individual Quality Assurance – 2016

Your show steer has developed foot rot, and the veterinarian has given you some **Maxibiotic** to treat the steer. Use the **Maxibiotic** label to answer the **5 questions** below relating to this vaccine. **Circle your answers.** (5 questions worth 10 points per question for 50 total points)

1. If your steer weighed 900 pounds, what dosage of Maxibiotic would you give him?

- A.) 18 ml
- B.) 9 ml
- C.) 10 ml
- D.) 12 ml

2. How is Maxibiotic to be given to your steer?

- A.) Intramuscularly
- B.) Intravenously
- C.) Subcutaneous
- D.) By the vet

3. If you gave the steer a vaccination of Maxibiotic on July 1, when would it first be safe to slaughter the steer for food?

- A.) July 2
- B.) July 22
- C.) July 29
- D.) August 1

4. What class of animal should Maxibiotic not be given to?

- A.) Goat slaughtered for food
- B.) Nursing piglets
- C.) Sow nursing 12 piglets
- D.) Dry cow

5. In addition to foot rot, Maxibiotic can also be used to treat what other conditions in sheep?

- A.) Pneumonia
- B.) Wound infections
- C.) Mastitis
- D.) Both A and B are correct

[Maxibiotic Label on Reverse Side of this Sheet]

Maxibiotic

(Oxytetracycline in Aqueous Solution)

Directions for use: See package insert

For use in Beef Cattle, Swine, Sheep, and Goats

Read Entire Brochure Carefully Before Using This Product

For Intramuscular Use Only

Active Ingredients: Maxibiotic is an effective antimicrobial preparation containing oxytetracycline. Each ml of this suspension contains 250,000 units of oxytetracycline in an aqueous base.

Indications: Beef Cattle – pneumonia, bronchitis, mastitis, foot rot, wound infections. **Swine** – pneumonia, mastitis, wound infections; and other bacterial infections caused by or associated with oxytetracycline- susceptible species. **Sheep and Goats** – pneumonia, foot rot, wound infections

Recommended Dosage

The usual dose is 2 ml per 100 lb of body weight given once daily for 3 days.

Maximum dose is 12 ml/day.

<i>Body Weight</i>	<i>Dosage</i>
<i>100 lb</i>	<i>2 ml</i>
<i>300 lb</i>	<i>6 ml</i>
<i>500 lb</i>	<i>10 ml</i>
<i>600 lb or more</i>	<i>12 ml</i>

Caution: **1.** Do not mix Maxibiotic with other injectable solutions as this may cause precipitation of the active ingredients. **2.** Maxibiotic should be injected deep within the fleshy muscle of the neck. Do not inject this medication in the loin, hip, rump, subcutaneously, intravenously, or near a major nerve because it may cause tissue damage. **3.** If improvement does not occur within 48 hours, the diagnosis should be reconsidered and appropriate treatment initiated. **4.** Treated animals should be closely observed for 30 minutes after treatment. Should an adverse reaction occur, discontinue treatment and immediately administer epinephrine and antihistamines. **5.** Maxibiotic must be stored between 2° and 8° C (36° to 46° F). Warm to room temperature and shake well before using. Keep refrigerated when not in use.

Warnings: The use of this medication in beef cattle, swine, sheep, and goats must be discontinued for 28 days before treated animals are slaughtered for food. Do not use in lactating animals.

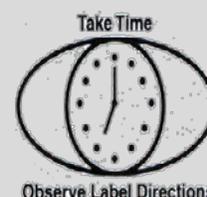
How Supplied: Maxibiotic is available in vials of 50 ml.

Manufactured by:

Bluegrass Animal Health LLC.

PO Box 123

Princeton, KY 42445



Observe Label Directions

Name _____ Contestant # _____ County _____

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- C.) Mastitis
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[Maxibiotic Label on Reverse Side of this Sheet]

Maxibiotic

(Oxytetracycline in Aqueous Solution)

Directions for use: See package insert

For use in Beef Cattle, Swine, Sheep, and Goats

Read Entire Brochure Carefully Before Using This Product

For Intramuscular Use Only

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<i>300 lb</i>	<i>6 ml</i>
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<i>600 lb or more</i>	<i>12 ml</i>

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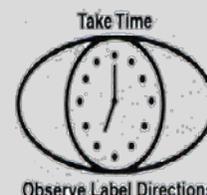
How Supplied: Maxibiotic is available in vials of 50 ml.

Manufactured by:

Bluegrass Animal Health LLC.

PO Box 123

Princeton, KY 42445



Name Answer Key Contestant # _____ County _____

Clover Retail Meat Cut Identification – 2016

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).

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

Retail Names – to be used in answer column

Beef Retail Meat Cuts

- A. Stew Meat
- B. 7-Bone Steak
- C. Porterhouse Steak
- D. Eye Round Roast

Lamb Retail Meat Cuts

- E. French Style Roast
- F. Shoulder Square Cut
- G. Loin Chop

Pork Retail Meat Cuts

- H. Center rib roast
- I. Fresh ham center slice
- J. Sirloin Chop

Name _____ Contestant # _____ County _____

Clover Retail Meat Cut Identification – 2016

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).

- | | <u>Retail
Cut
Name</u> |
|-----|--------------------------------|
| 1. | _____ |
| 2. | _____ |
| 3. | _____ |
| 4. | _____ |
| 5. | _____ |
| 6. | _____ |
| 7. | _____ |
| 8. | _____ |
| 9. | _____ |
| 10. | _____ |

Retail Names – to be used in answer column

Beef Retail Meat Cuts

- A. Stew Meat
- B. 7-Bone Steak
- C. Porterhouse Steak
- D. Eye Round Roast

Lamb Retail Meat Cuts

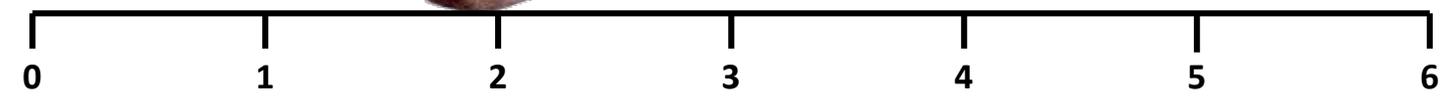
- E. French Style Roast
- F. Shoulder Square Cut
- G. Loin Chop

Pork Retail Meat Cuts

- H. Center rib roast
- I. Fresh ham center slice
- J. Sirloin Chop



1



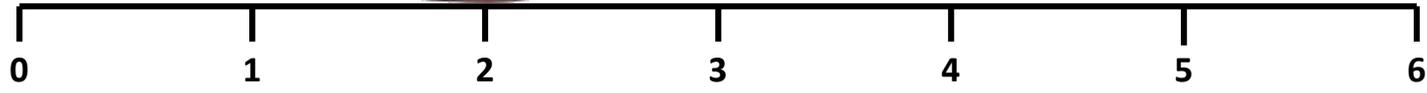
Inches

2



Inches

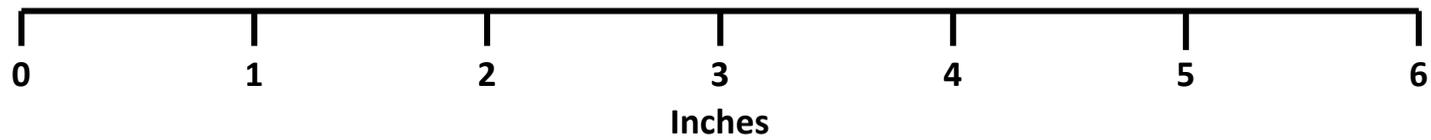
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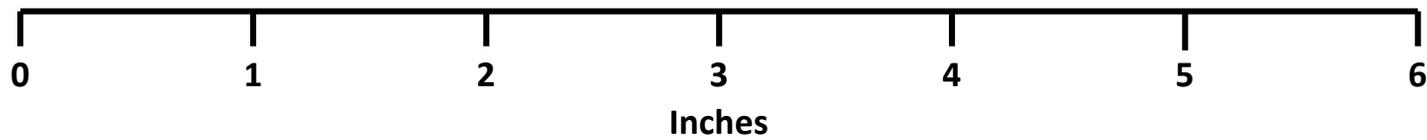
Inches



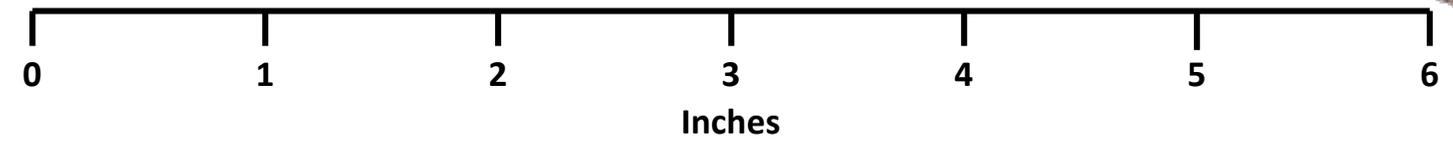
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5

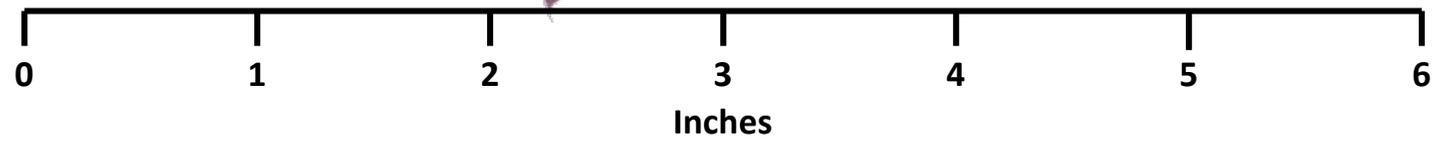


6





7



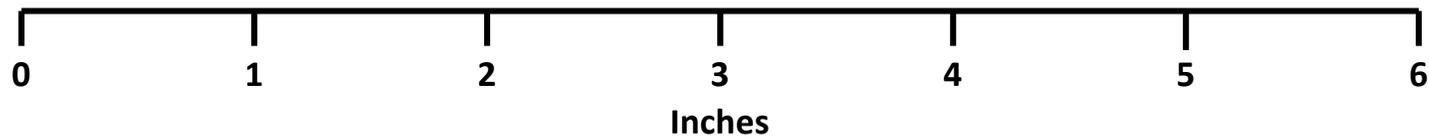


0 1 2 3 4 5 6
Inches

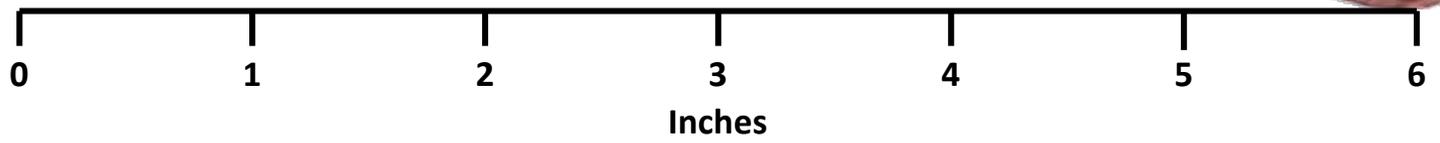
8



9



10



Clover Retail Meat Judging – 2016

Name _____ Contestant # _____ County _____

Contestant Number _____

Placing Score _____

*University of Kentucky
College of Agriculture
Animal Sciences Department*

Contestant's Name

Address

County

Class

_____ **Pork Rib Chops** _____

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 Class (2016)

Name ANSWER KEY Contestant # _____ County _____

Official Placing = 3-2-1-4

Cuts = 2-3-1

(50 points possible)

<p>Contestant Number _____</p> <p>Placing Score _____</p> <p><i>University of Kentucky College of Agriculture Animal Sciences Department</i></p> <p>Contestant's Name _____ _____</p> <p>Address _____ _____</p> <p>County _____</p> <p>Class Class <u>Pork Rib Chops</u></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>1 2 3 4</td><td>40</td></tr> <tr><td>B</td><td>1 2 4 3</td><td>34</td></tr> <tr><td>C</td><td>1 3 2 4</td><td>42</td></tr> <tr><td>D</td><td>1 3 4 2</td><td>38</td></tr> <tr><td>E</td><td>1 4 2 3</td><td>30</td></tr> <tr><td>F</td><td>1 4 3 2</td><td>32</td></tr> <tr><td>G</td><td>2 1 3 4</td><td>43</td></tr> <tr><td>H</td><td>2 1 4 3</td><td>37</td></tr> <tr><td>I</td><td>2 3 1 4</td><td>48</td></tr> <tr><td>J</td><td>2 3 4 1</td><td>47</td></tr> <tr><td>K</td><td>2 4 1 3</td><td>36</td></tr> <tr><td>L</td><td>2 4 3 1</td><td>41</td></tr> <tr><td>M</td><td>3 1 2 4</td><td>47</td></tr> <tr><td>N</td><td>3 1 4 2</td><td>43</td></tr> <tr><td>O</td><td>3 2 1 4</td><td>50</td></tr> <tr><td>P</td><td>3 2 4 1</td><td>49</td></tr> <tr><td>Q</td><td>3 4 1 2</td><td>42</td></tr> <tr><td>R</td><td>3 4 2 1</td><td>45</td></tr> <tr><td>S</td><td>4 1 2 3</td><td>29</td></tr> <tr><td>T</td><td>4 1 3 2</td><td>31</td></tr> <tr><td>U</td><td>4 2 1 3</td><td>32</td></tr> <tr><td>V</td><td>4 2 3 1</td><td>37</td></tr> <tr><td>W</td><td>4 3 1 2</td><td>36</td></tr> <tr><td>X</td><td>4 3 2 1</td><td>39</td></tr> </table>	A	1 2 3 4	40	B	1 2 4 3	34	C	1 3 2 4	42	D	1 3 4 2	38	E	1 4 2 3	30	F	1 4 3 2	32	G	2 1 3 4	43	H	2 1 4 3	37	I	2 3 1 4	48	J	2 3 4 1	47	K	2 4 1 3	36	L	2 4 3 1	41	M	3 1 2 4	47	N	3 1 4 2	43	O	3 2 1 4	50	P	3 2 4 1	49	Q	3 4 1 2	42	R	3 4 2 1	45	S	4 1 2 3	29	T	4 1 3 2	31	U	4 2 1 3	32	V	4 2 3 1	37	W	4 3 1 2	36	X	4 3 2 1	39
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Name _____ Contestant # _____ County _____

Clover Quiz – 2016

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

- 1.) A female beef animal nursing a calf is called a _____.
 - a. Steer
 - b. Heifer
 - c. Cow
 - d. Nanny

- 2.) Removing the tail from a lamb is called _____.
 - a. Elastration
 - b. Castration
 - c. Docking
 - d. Elastrator

- 3.) What essential nutrient do cattle require the greatest amount of?
 - a. Water
 - b. Protein
 - c. Vitamins
 - d. Minerals

- 4.) What is the average length of gestation in sheep?
 - a. 130 days
 - b. 150 days
 - c. 283 days
 - d. 160 days

- 5.) What is the most widely fed feed grain for livestock in the U.S.?
 - a. Wheat
 - b. Barley
 - c. Corn
 - d. Grain sorghum

- 6.) What mineral should not be included in diets for sheep?
 - a. Phosphorus
 - b. Magnesium
 - c. Molybdenum
 - d. Copper

- 7.) Which of the following is a monogastric?
 - a. Doe
 - b. Steer
 - c. Wether
 - d. Barrow

- 8.) Which of the following is a non-ruminant?
 - a. Cow
 - b. Barrow
 - c. Buck
 - d. All of the above

- 9.) What is the average length of the estrous cycle in a doe?
- a. 7 days
 - b. 10 days
 - c. 21 days
 - d. 28 days
- 10.) What is the average length of gestation in cattle?
- a. 114 days
 - b. 150 days
 - c. 244 days
 - d. 283 days
- 11.) Which one of the following hormones maintains pregnancy in farm animals?
- a. Estrogen
 - b. Progesterone
 - c. Prostaglandin
 - d. Testosterone
- 12.) Which of the following is **not** a quality grade for beef?
- a. Prime
 - b. Select
 - c. Choice
 - d. Excellent
- 13.) Which management practices are performed on baby piglets?
- a. Ear Notching
 - b. Clip needle teeth
 - c. Give iron injection
 - d. All of the above
- 14.) Which of the following should not be fed to fat cattle?
- a. Grass Hay
 - b. Cracked Corn
 - c. Straw
 - d. Finely ground corn
- 15.) The Kentucky Beef Expo is held in which town?
- a. Lexington, KY
 - b. Louisville, KY
 - c. Bowling Green, KY
 - d. Kansas City, MO
- 16.) Which of the following is usually not fed to finishing hogs?
- a. Soybean meal
 - b. Molasses
 - c. Ground Corn
 - d. Vitamin/Premix
- 17.) Which of the following is a high priced wholesale cut in lambs?
- a. Pork Chop
 - b. Rack
 - c. Ribeye Steak
 - d. All of the above
- 18.) Which of the following pig breeds is known as the “Mother Breed”?
- a. Hampshire
 - b. Yorkshire
 - c. Duroc
 - d. All of the above

- 19.) What historic livestock business in Lexington was recently destroyed by fire?
- a. Bluegrass Stockyards
 - b. WIU Facility
 - c. Sheplars Boot Store
 - d. Keystone, Harrisburg
- 20.) The female reproductive organ where the egg is fertilized is called the _____.
- a. Ovary
 - b. Oviduct
 - c. Cervix
 - d. Uterus
- 21.) Mating a male and a female of different breeds is called _____.
- a. Linebreeding
 - b. Inbreeding
 - c. Crossbreeding
 - d. Outcrossing
- 22.) Which of the following is not considered a by-product feed?
- a. Whole shelled corn
 - b. Soybean Hull Pellets
 - c. Distillers Dried Grains
 - d. All of these are by-product feeds
- 23.) Which specie on average would have the most offspring per year?
- a. Beef cattle
 - b. Swine
 - c. Goat
 - d. Both a. and c.
- 24.) The period of time when a calf is nursing its mother is called _____.
- a. Gestation
 - b. Lactation
 - c. Generation interval
 - d. Postpartum interval
- 25.) Where is the hormone testosterone produced?
- a. Testicle
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HIGHNOON®

CHARMASSON SHOW LAMB
MEDICATED

(FOR LAMBS WEIGHING 60 LBS TO MARKET)

For the prevention of Coccidiosis caused by *Eimeria Ovina*, *Eimeria Crandallis*, *Eimeria Ovinoidalis* (*Eimeria Ninakohlykimovae*, *Eimeria Parva* and *Eimeria Intricata*) in sheep maintained in confinement.

ACTIVE DRUG INGREDIENT

LASALOCID 22 G/TON

GUARANTEED ANALYSIS

Crude Protein, min.....	16.0%
This includes not more than	1.0% equivalent
Crude Protein from NPN	
Crude Fat, min.....	3.0%
Crude Fiber, max.....	12.0%
Calcium, min.....	0.9%
Calcium, max.....	1.4%
Phosphorous, min.....	0.5%
Sodium, min.....	1.1%
Salt, min.....	1.3%
Salt, max.....	1.8%
Selenium, min.....	0.2 PPM
Vitamin A, min.....	10,000 IU/LB
Vitamin E, min	33 IU/LB

INGREDIENTS

Roasted Crimped Corn, Soybean Meal, Flaked Barley, Whole Oats, Cane Molasses, Vegetable Oil Blend, Linseed Meal, Sun Cured-Alfalfa Meal, Cottonseed Hulls, Calcium Carbonate, Monocalcium Phosphate, Dicalcium Phosphate, Salt, Ammonium Chloride, Yeast Culture, Propionic Acid (mold inhibitor), Ammonium Hydroxide (mold inhibitor), Vitamin A Supplement, Vitamin E Supplement, Vitamin D3 Supplement, Manganese Oxide, Zinc Oxide, Cobalt Carbonate, Ferrous Carbonate, Sodium Benzoate (Preservative), Natural and Artificial Flavors.

DIRECTIONS FOR USE:

Feed not less than 1.4 lb to no more than 4.5 lbs per head per day depending on body weight to supply 15 mg. to 50 mg. Lasalocid per head per day. Feed continuously.

CAUTION: Do not feed to sheep producing milk for food. Store in dry area and never feed moldy or insect infested feed. The safety of Lasalocid for use in unapproved species has not been established. Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal.

For Type A articles or Type B feeds (cattle and sheep): Mix thoroughly with grain and/or roughage prior to feeding. Feeding undiluted or mixing errors may result in an excess Lasalocid concentration which could be fatal to cattle and sheep.

Manufactured for High Noon Feeds, LLC
1616 RD 30, Bird City, KS 67731

**Net Weight 50 Lb. (22.68 kg) and/or on
invoice**

HN 115

Clover Quality Assurance Team Exercise 2016

County _____ **KEY** _____.

Your team is the group managers of a progressive club lamb operation that sells club lambs to 4-H/FFA youth across the country and advises the youth on nutrition of lambs for show. Use the **High Noon Charmasson Show Lamb** feed label to answer the questions below relating show lamb nutrition and management.

1.) What is the active drug ingredient?

- a.) Roasted Crimped Corn
- b.) Calcium Carbonate
- c.) Chlortetracycline
- d.) **Lasalocid**

2.) How should this feed product be used?

- a.) Mixed with 45 pounds cracked corn and 5 pounds of cottonseed meal
- b.) Mixed with 40 pounds of shelled corn
- c.) **Fed at the rate of 1.4 – 4.5 lbs per head per day to lambs weighing from 60 pounds up**
- d.) Mixed with soybean meal

3.) What disease does this feed help to prevent?

- a.) **Coccidiosis**
- b.) Foot rot
- c.) Contagious ecthyma
- d.) Viral abortions

4.) What disease causing organisms cause the disease in question number 3 above?

- a.) Leptospirosis
- b.) **Eimeria ovine**
- c.) Pasteurella multocida
- d.) Both a and c

5.) Which of the following ingredients in this feed would you consider energy ingredients?

- a.) Roasted crimped corn
- b.) Soybean meal
- c.) Flaked barley
- d.) **Both a and c**

[OVER]

6.) What other farm animals are not to be fed this feed, according to the label?

- a.) Dairy sheep
- b.) Horses
- c.) Donkeys
- d.) **All of these**

7.) Which ingredients inhibit mold in this feed?

- a.) Ammonium Chloride
- b.) **Propionic Acid**
- c.) Sodium Benzoate
- d.) Cobalt Carbonate

8.) What is the concentration of the active drug ingredient?

- a.) **22 grams per ton**
- b.) 16% per ton
- c.) 1.0% per pound
- d.) 33 International Units per pound

9.) Which statement is false?

- a.) High Noon Charmasson Show Lamb feed is manufactured by High Noon Feeds, LLC
- b.) High Noon Charmasson Show Lamb feed contains 12.0% crude fiber
- c.) **High Noon Charmasson Show Lamb feed must not be fed within 5 days of slaughter**
- d.) High Noon Charmasson Show Lamb feed contains 1.0% equivalent Crude Protein from NPN

10.) What may happen if a lamb eats an excess of the active drug ingredient in this feed?

- a.) Decreased muscle mass
- b.) Increased muscle mass
- c.) No side effects are known
- d.) **Possibly death**

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