**SHOW EQUIPMENT LIST**

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| F | F | J | D | Y | A | R | P | S | R | I | A | H |
| S | R | O | S | S | I | C | S | E | D | A | L | B |
| S | H | O | W | S | T | I | C | K | R | O | F | C |
| B | L | O | C | K | I | N | G | S | H | U | T | E |
| E | L | T | T | O | B | Y | A | R | P | S | H | L |
| F | I | N | A | L | M | I | S | T | R | S | S | I |
| B | R | O | O | M | L | S | A | E | U | H | U | O |
| B | L | O | W | E | R | I | P | R | H | O | R | E |
| E | J | S | G | E | L | P | B | O | A | W | B | L |
| S | H | U | I | T | I | F | S | K | L | F | T | P |
| O | M | L | I | L | O | E | V | O | T | O | F | R |
| A | P | E | C | O | E | I | F | A | E | A | O | U |
| P | S | E | H | F | W | N | U | H | R | M | S | P |
|  |
| BLADES | BLOCKING SHUTE | BLOWER |
| BROOM | CLIPPERS | FINAL MIST |
| FORK | HAIRSPRAY | HALTER |
| HOOF BRUSH | HOSE | PLIERS |
| PURPLE OIL | SCISSORS | SHOW FOAM |
| SHOW STICK | SOAP | SOFT BRUSH |
| SPRAY BOTTLE | TAIL TIES |  |

1. Three of the six pillars of character that is a part of the show ethics in 4-H includes:

 \_\_\_\_\_\_\_\_\_\_\_ Being honest, stand for what is right.

 \_\_\_\_\_\_\_\_\_\_\_ Do your best, be a good example.

 \_\_\_\_\_\_\_\_\_\_\_ Being committed to the welfare of your community, state, country

 and world.

2. What is the condition caused by a build up of gas in the rumen? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Genetics play an important part of improving any beef herd. What are the top two

 heritability estimates and traits. (Note: The Beef Resource Book lists 9 heritability traits.)

 Trait Heritability %

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4. List one of the four ways to treat bloat in cattle:

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5. Warts are caused by an infectious \_\_\_\_\_\_\_\_\_\_. Treatment usually requires

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ removal.

**Match the cattle diseases**

PI-3 Occurs when the calf’s resistance is low because of stress,

 allowing bacteria or viruses to start an infection.

LEPTOSPIROSIS Causes swelling and lameness. Skin between the toes and

 around the foot turns red, and the foot will have a foul odor.

CALF SCOURS Occurs when there is a low level of magnesium in the blood-

 stream of the cow, usually when cattle are turned onto a

 fresh pasture and are nursing a calf.

FOOT ROT Parainfluenza (PI-3) is a virus that causes respiratory

 problems, especially when cattle are under stress.

GRASS TETANY Disease from bacteria that can cause abortion, weak calves,

 other reproductive problems and sometimes death.