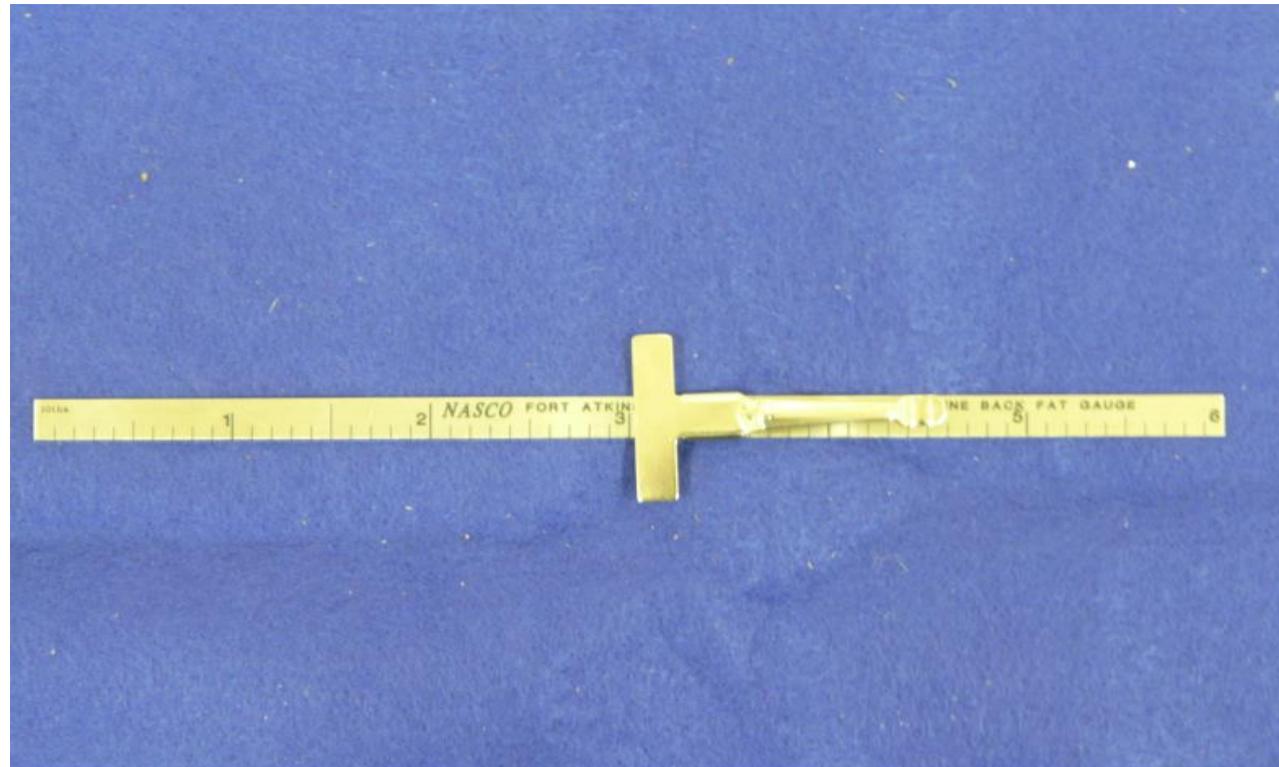


Livestock Equipment Judging Class

STUDY GUIDE

Backfat Ruler - used to measure and predict the amount of back fat a pig will have after slaughter.



Balling gun – Administers a bolus medication orally to larger animals. Can be plastic or metal.





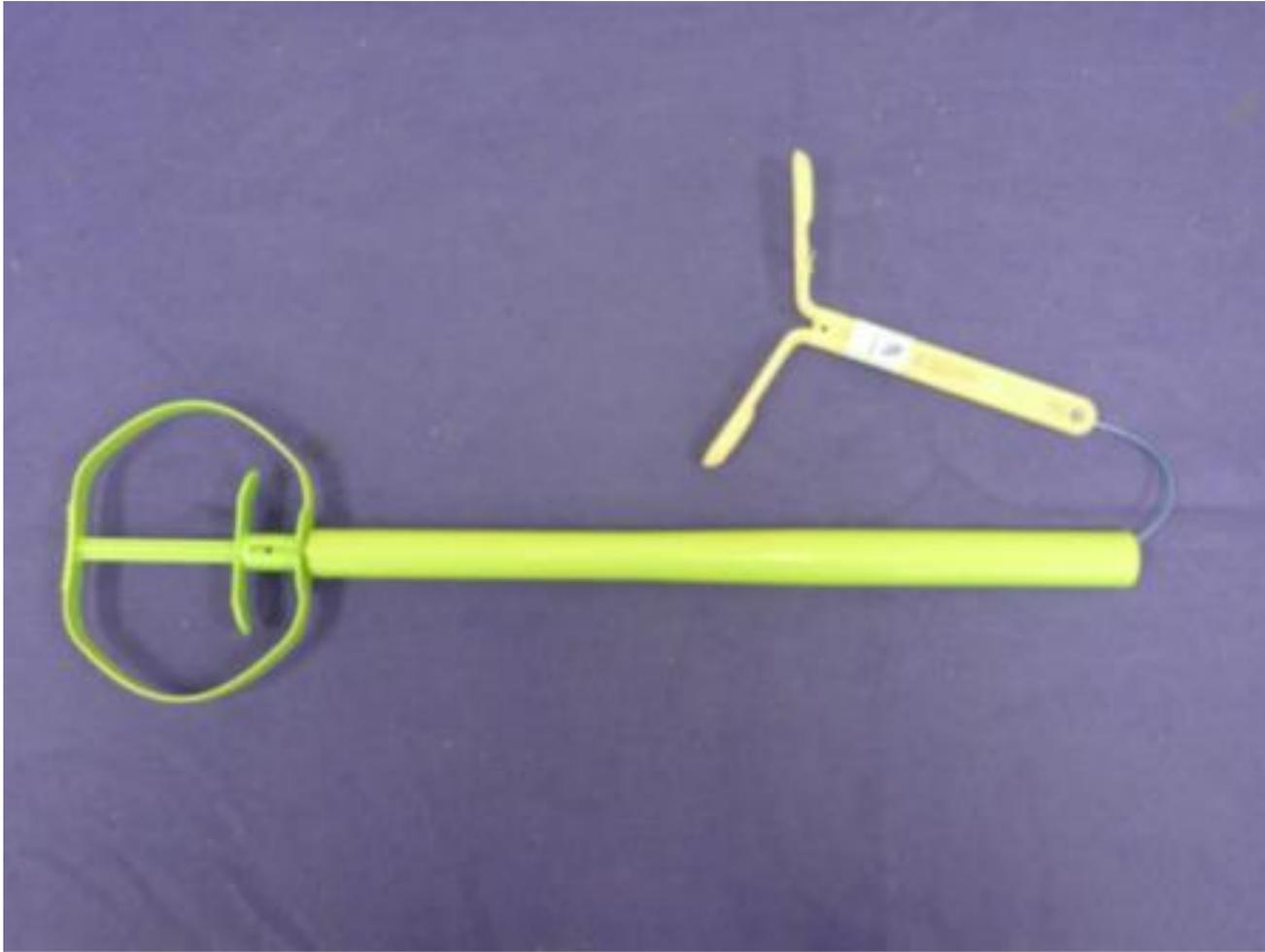
Barnes Dehorner
– Designed to
remove small
horns and be used
to dehorn goats
and sheep.

Beef Halter – a tool used in the halter-breaking process to control and present a calf or steer during livestock shows. It is typically a leather strap with a chain chinstrap attached to a lead strap, allowing the exhibitor to control the animal's position.



Cattle straw AI gun - specialized veterinary tool used for artificial insemination in cattle.





CIDR –
T-shaped vaginal
insertion of
progesterone used
for estrus
synchronization in
cattle.

Clippers –grooming tool designed to efficiently trim and remove fur or hair from various animals, including livestock and pets.





Curry Comb – A brush with serrated ridges used for removing dirt from an animal's coat.

Disposable Syringes – used to administer medications to animals.



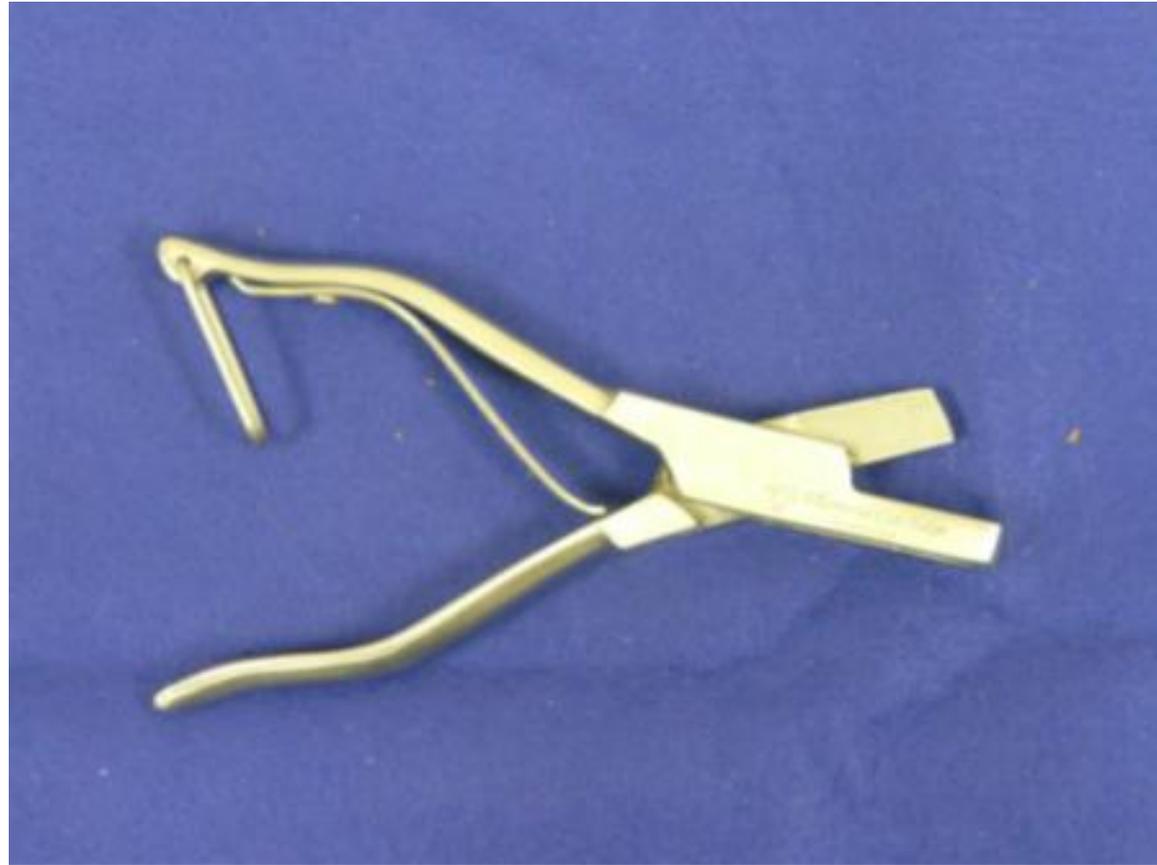
Dose Injector - safe way to ensure that each animal gets the proper dose.





Drench Gun – device used to deliver liquid medications, such as dewormers or vaccines, directly into the mouths of livestock.

Ear Notchers – Used to remove parts of newborn piglets ear according to universal ear notching system that determines personal identification and which litter it belongs to.



Ear tag pliers – used to insert tag in livestock ears.





Elastrator – The scrotum is banded with a rubber ring that cuts off circulation to the testicles, resulting in the scrotum falling off.



Electric Branding Iron –
A hot iron is placed directly on the animal's skin leaving a permanent patch of deformed hair follicles. Used as form of identification.

Electric Dehorner – A heated iron is firmly pressed against the emerging bud several times until the ring of tissue surrounding the horn is burned, preventing any further growth.





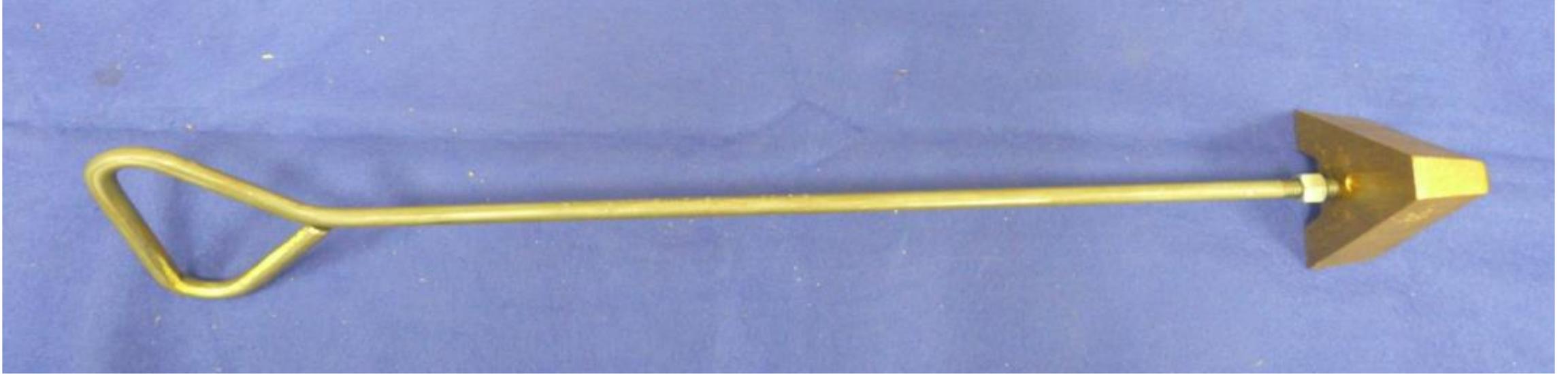
Electronic I.D. Tag - A small button-like tag that's inserted in the animal's ear and paired with an EID (electronic ID) tag reader for easier individual identification.



Ewe Spoon -
plastic
insertion used
to prevent and
treat vaginal
prolapses.

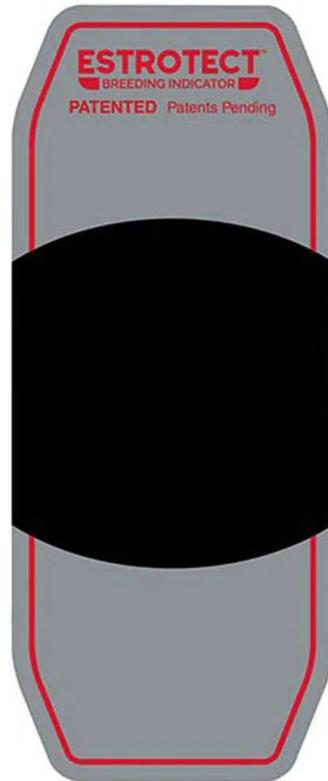
Fencing Pliers – multi-functional tools designed for constructing and maintaining wire fences.





Freeze Branding Iron – An iron chilled in liquid nitrogen or dry ice is placed on an animal's skin which damages melanocytes. As the brand heals, the skin and hair in the branded area will fall off, and hair will grow back white.

Heat Detection Patch – Placed above the tail head of an open cow that changes color when the animal is mounted helping those ready to be serviced.



BREED



DON'T BREED

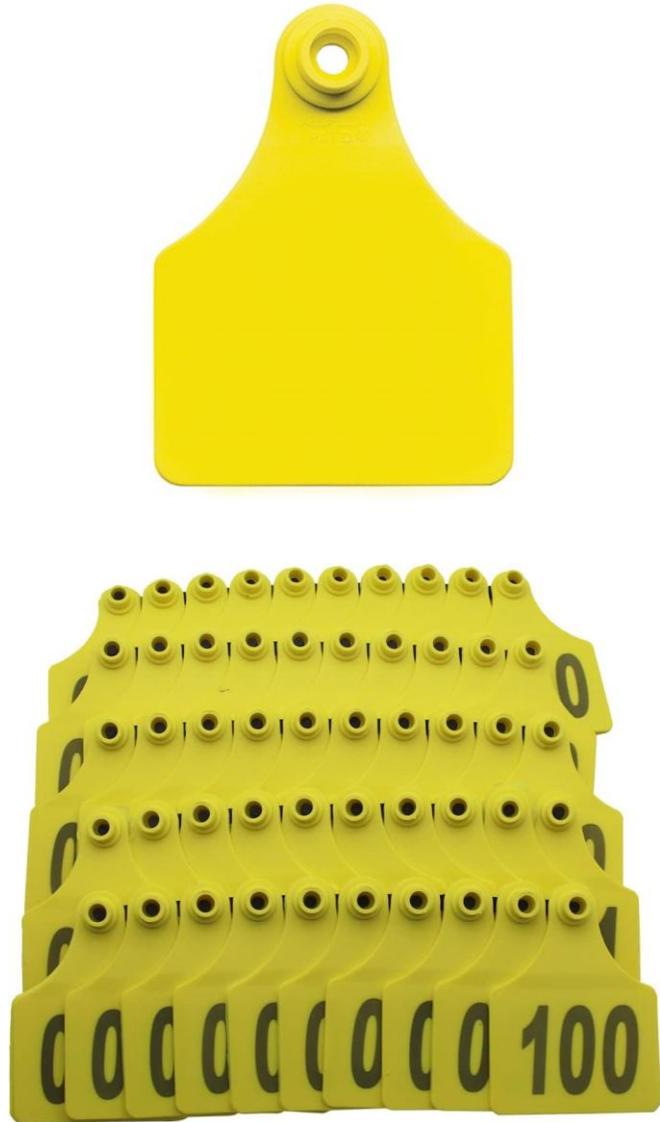


Hog Snare – A wire loop that can extend and tighten to humanely catch and restrain pigs





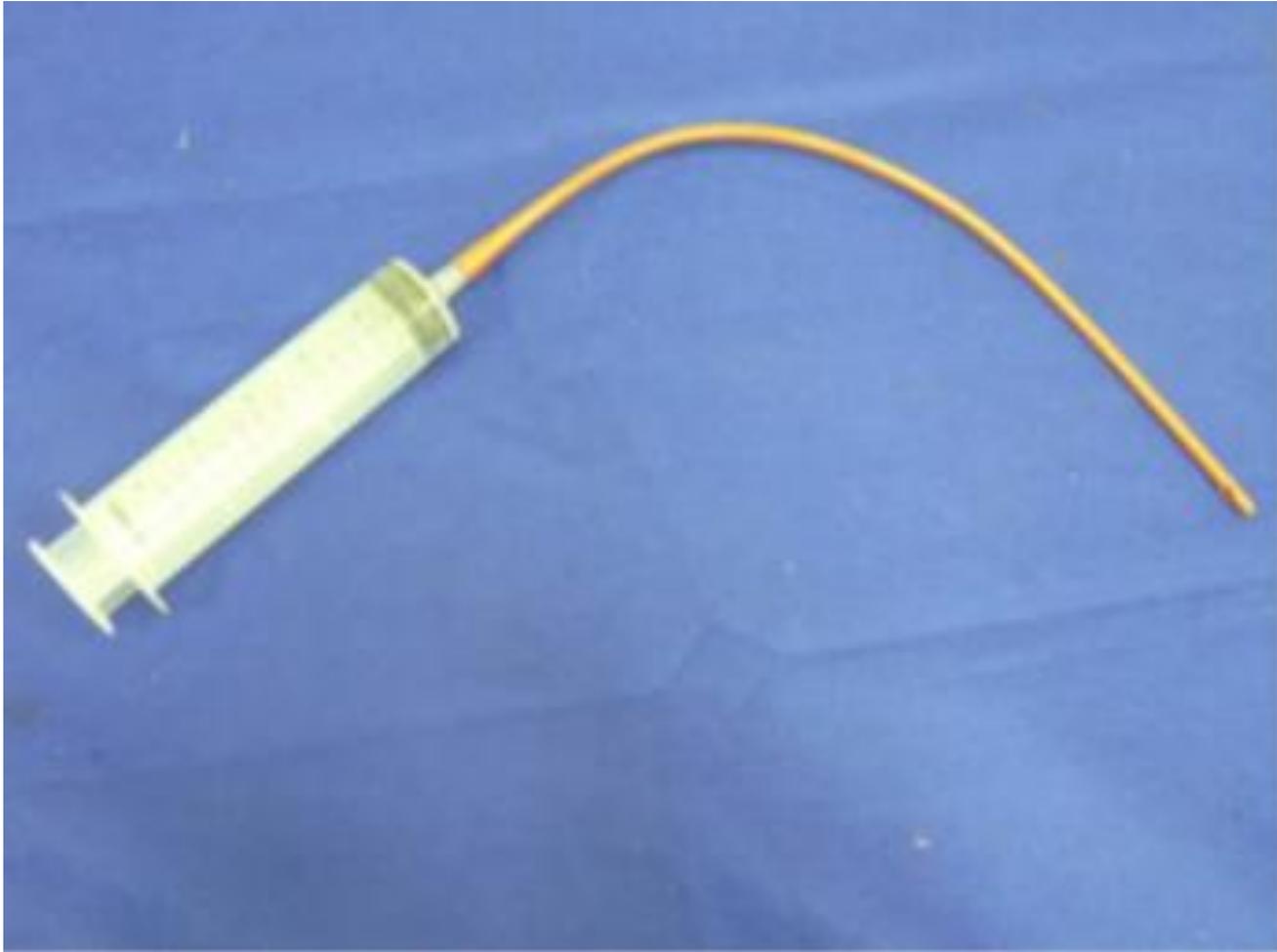
Hoof trimmer – used to cut off the edges of overgrown hooves on sheep and goats.



Identification Tag –
Used to identify
livestock species
such as cattle,
sheep, and goats.

Implant Gun – Pierces the skin to administer an implant in the ear.





Lamb Tube Feeder –
inserted into a lamb
or kid's esophagus.
Typically used to feed
weak, newborn
offspring.

Needle Teeth Clippers – used to clip the needle teeth and dock the tail when processing litter of pigs



Nipple Waterer – Nipple waterers are metal attachments for watering systems that reduce water leakage. Typically used in swine production.





Nose Ring – used for controlling animals, weaning calves, managing behavior, and a practical tool for handling livestock.

Obstetrical Chain – used for assisting cattle during difficult births. Designed to be placed around calf's legs to assist process.



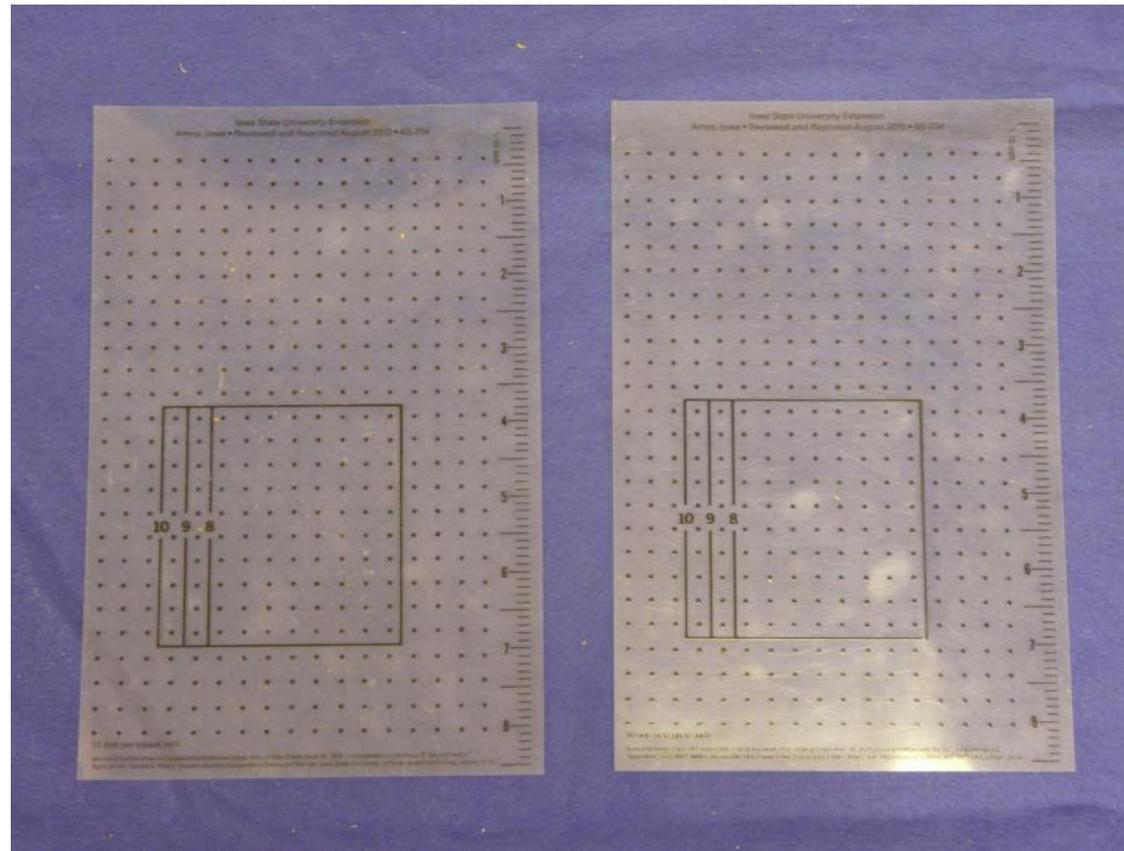
Paint Stick - Paint and chalk are used to identify and sort animals for a variety of reasons. In regard to reproduction, it may be used to identify which cows have entered estrus and/or which cow's have been serviced.



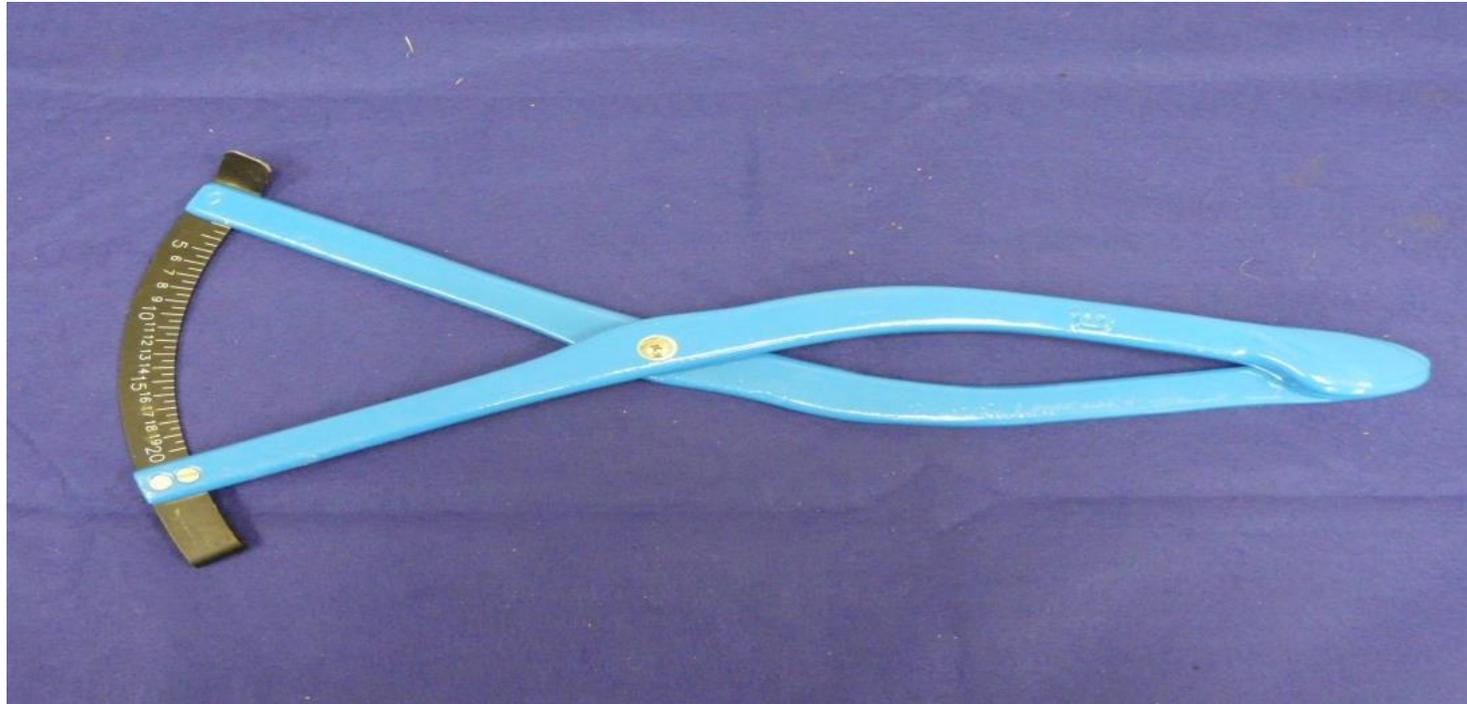
Ram Marking Harness - A harness with a crayon pinned to the chest area, helping identify which ewes have been bred.



Ribeye Grid – measures ribeye muscle in swine and is used only on carcasses.



Rice Pelvimeter - A measuring device developed to predict dystocia in heifers based on the size of their pelvis.





Rumen Magnet – prevents hardware disease . When a cow magnet is administered, it remains in the reticulum or rumen and attracts any metal objects the cow ingests. By keeping these sharp objects securely attached to the magnet, it prevents them from moving around and causing internal injuries.

Scalpel – common tool used in castration.



Scotch Comb – A comb with long teeth used to groom cattle.



Sheep Shears – Hand shears are scissor like tools used to remove wool. They are most commonly used in preparing animals for show.





Slap Tattoo – used to create permanent marking on pig's shoulder to aid in identification.

Sorting Board – plastic rectangular board used to sort, move and load pigs.



Tattoo pliers – used to apply permanent marking on an animal's ear for identification.





Vacutainer – aids in blood collection and maintains integrity of blood sample.



Vanometer - measures air velocity in any building housing livestock with specific temperature requirements. Useful in maintaining a comfortable temperature for farrowing pigs. Drafts can be deadly for piglets.



Wool Card – The wool card is designed to separate and straighten sheep wool.