

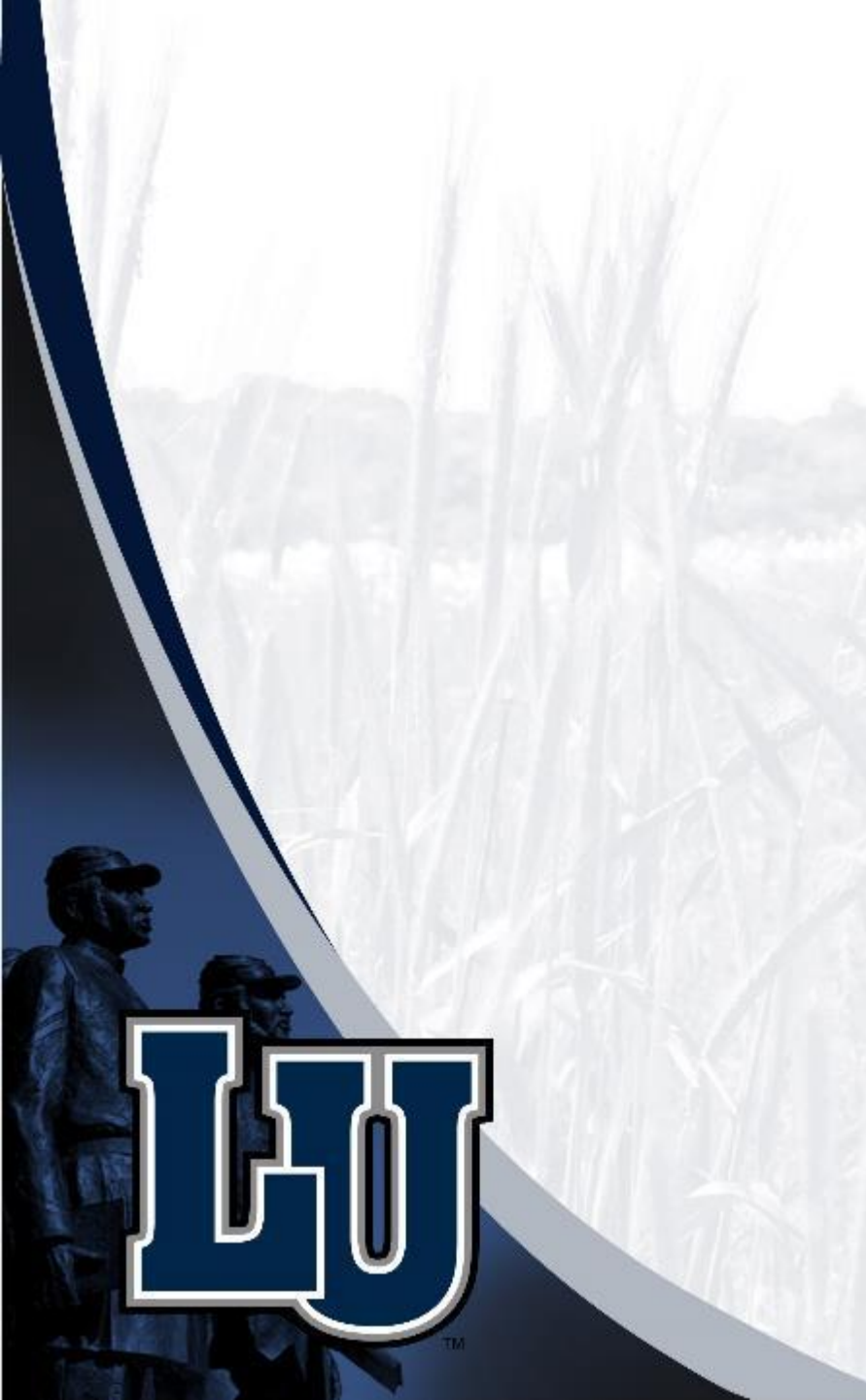
**BUCKERS,
CLUCKERS,
DUCKERS
& SCHMUCKERS?**

**OR....Don't
get in a jam
with cows,
goats, sheep,
pigs
and poultry!**

Susan Jaster
Innovative Small Farmers Outreach Program
Lincoln University Cooperative Extension

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The Missouri AgrAbility Project is supported by funds from the USDA National Institute of Food and Agriculture (NIFA) under sponsored project number 2018-41590-22323.

**THANK YOU
for listening!
AgrAbility
National
Training
Workshop**



**LINCOLN UNIVERSITY
MISSOURI**

COOPERATIVE EXTENSION | RESEARCH

David Middleton
Southwest Missouri

Susan Jaster
West Central Missouri

Karen Funkenbusch, Columbia, MO

Kendra Graham, Farmington, MO



Extension
University of Missouri

What are we talking about today?

Prevention / avoidance of injury and secondary injury

Humans

Livestock

Building an SOP-Standard Operating Procedure

Plan ahead

Train workers and livestock

SAVE labor, time and input costs

Excellent Records

Proof

Inventory

Budget



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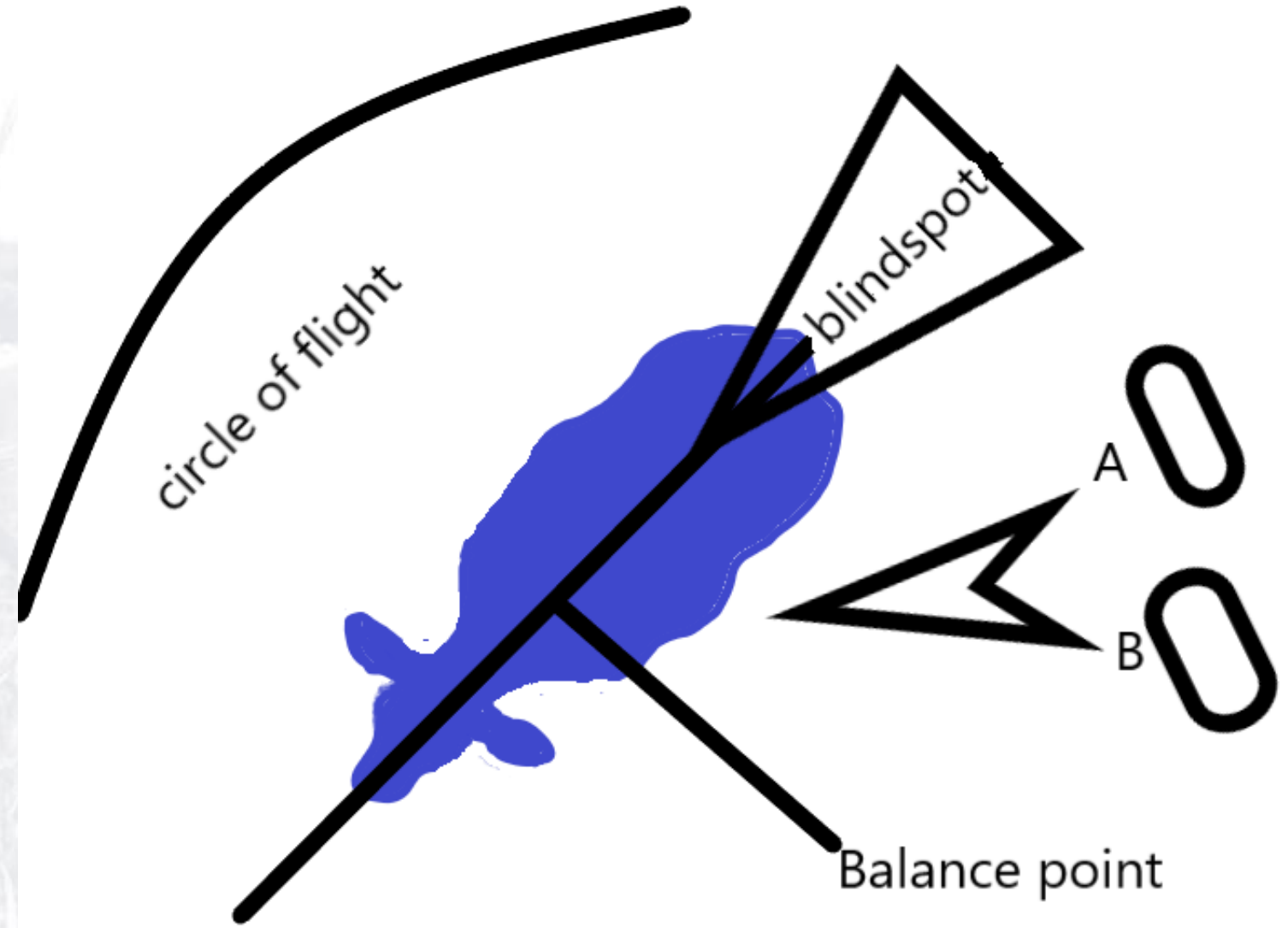
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ANIMAL BEHAVIOR



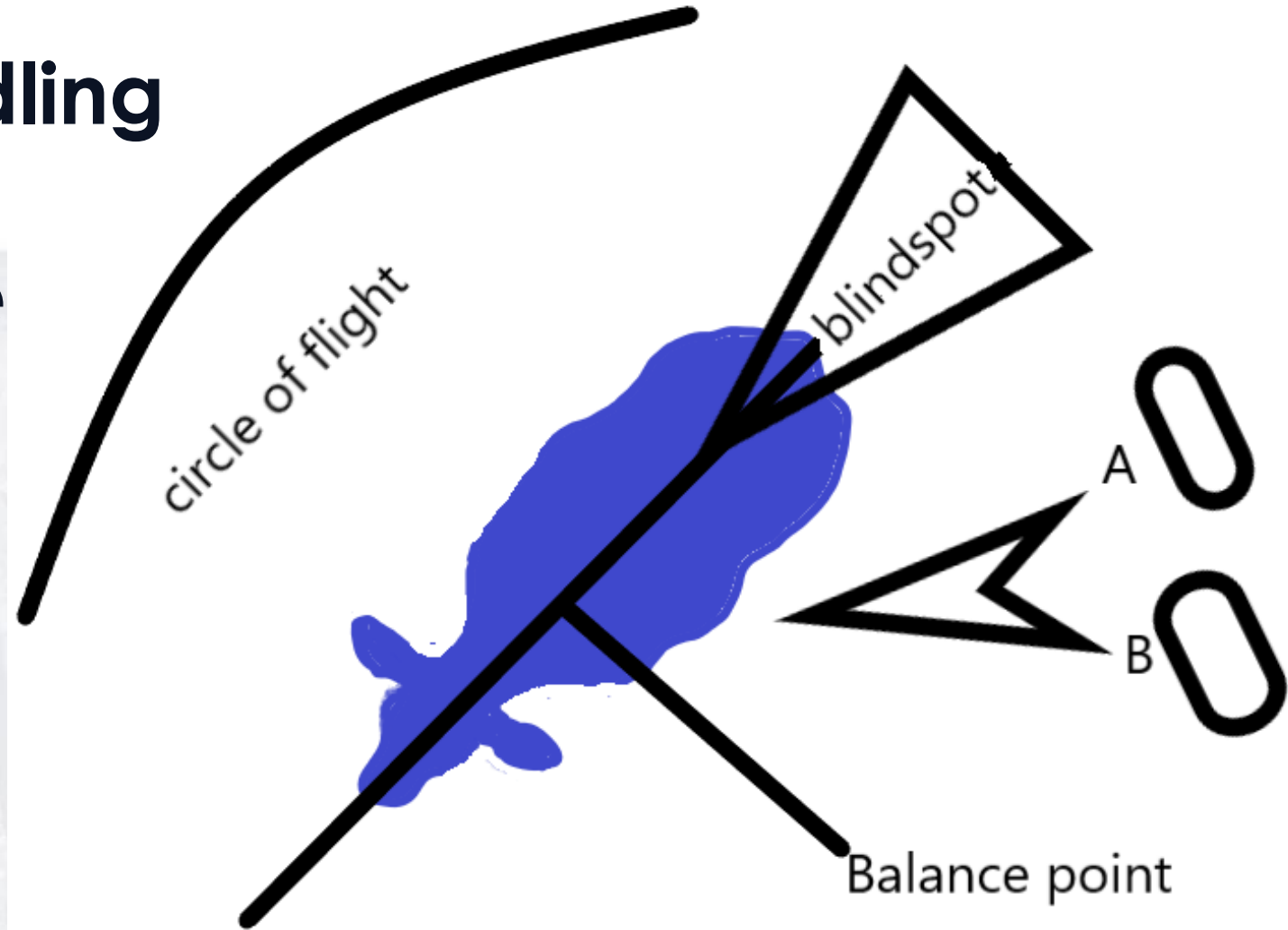
@susanjaster2020



Animal Behavior

- Use Low Stress handling
- No Noise, Flags
- Train animals to use equipment

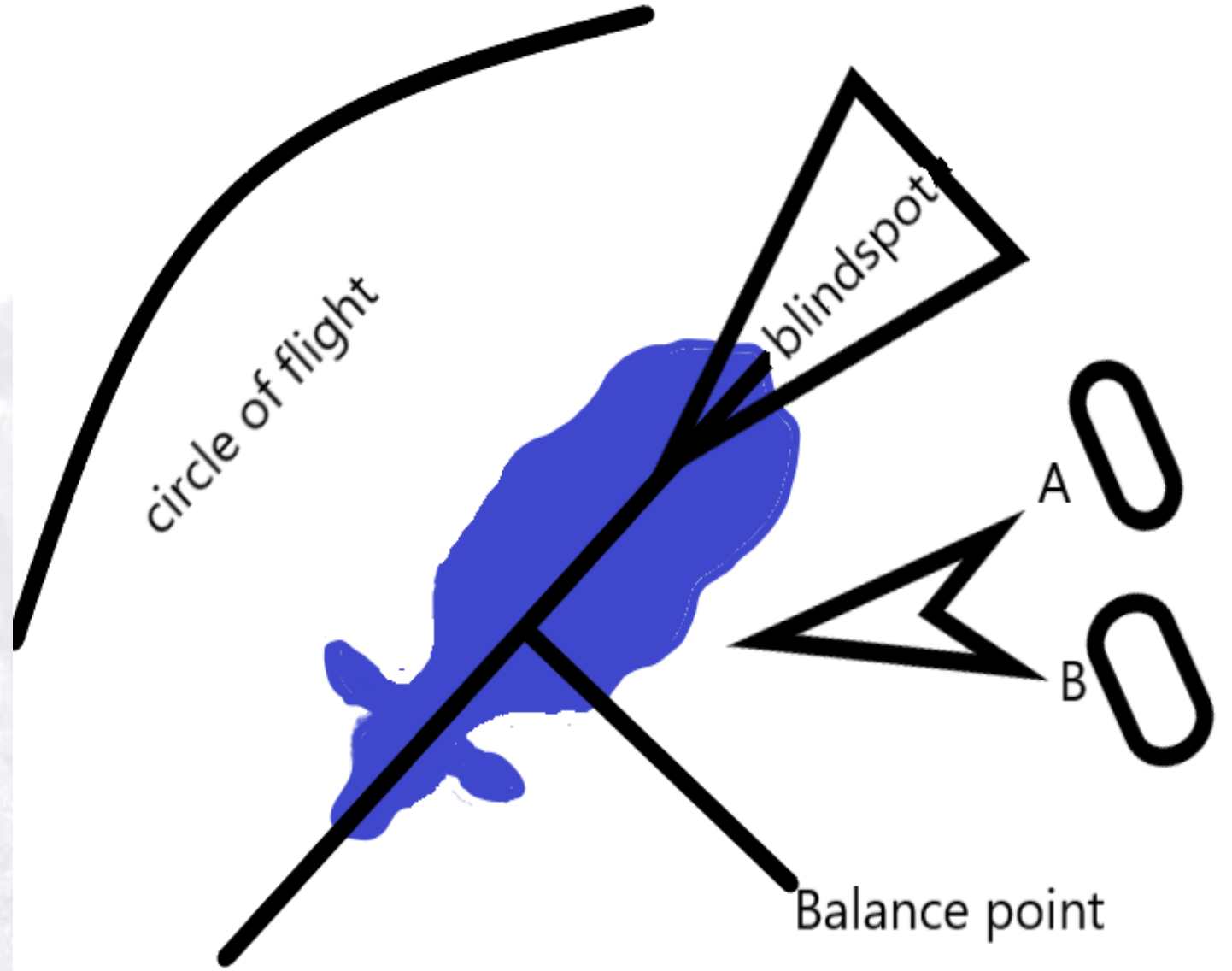
This is called:
stockmanship



@susanjaster2020



Fight or Flight Zone

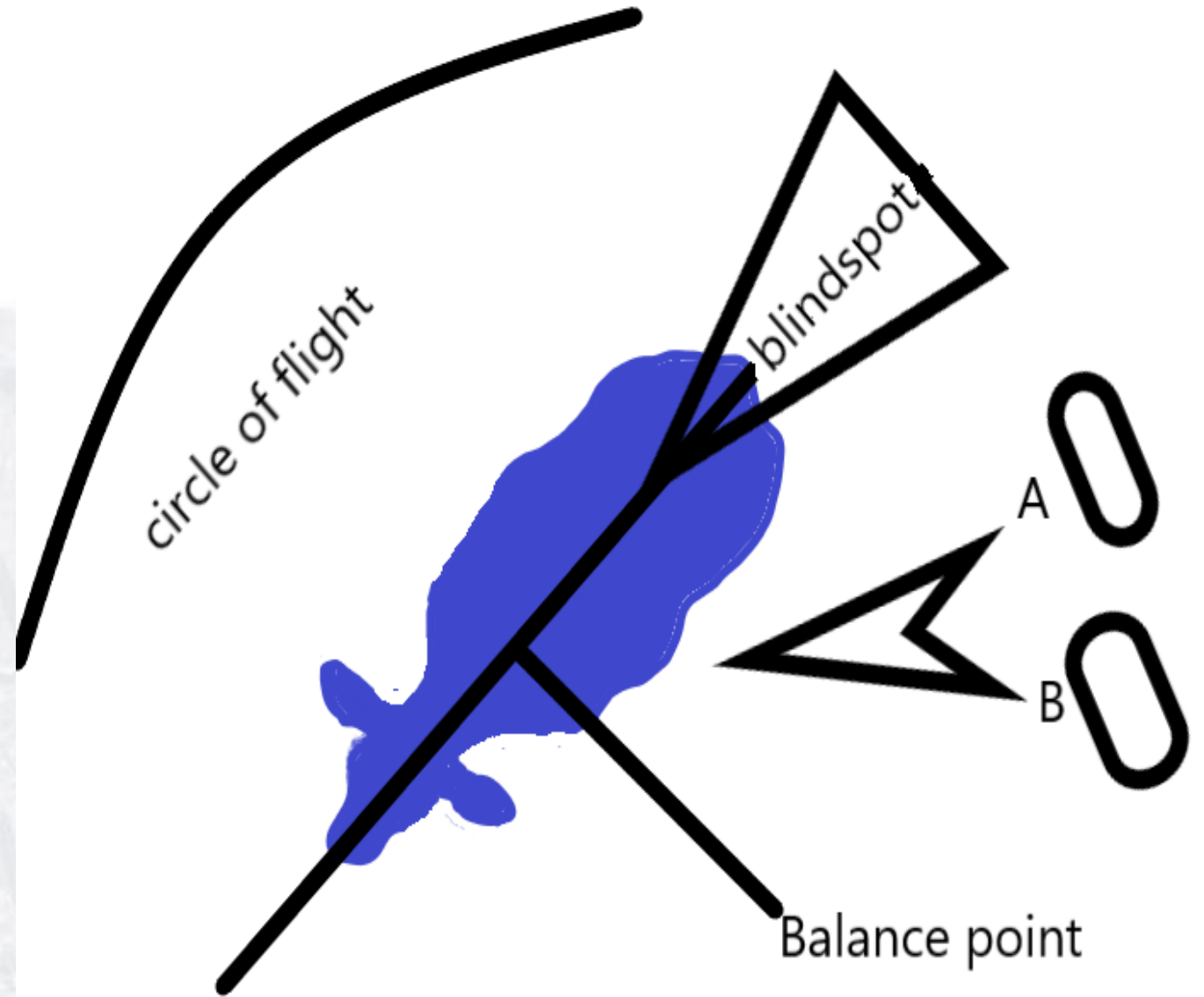


@susanjaster2020



**Use Pressure
and
Balance Point
correctly**

**STAY OUT Of
Animal Blind
Spot**



@susanjaster2020



Equipment Use



- **Operational Manual:**
filed or file 13?
- **Maintenance-**
 - zerks
 - pulleys
 - ropes
 - handles
 - gates
 - attachments
 - alleys



What's
wrong
with
this
picture?



Space:
around chute
supply table
shade

Safety:
man-escape
pinch points
wheelchair access
mud
extended handles

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Poultry

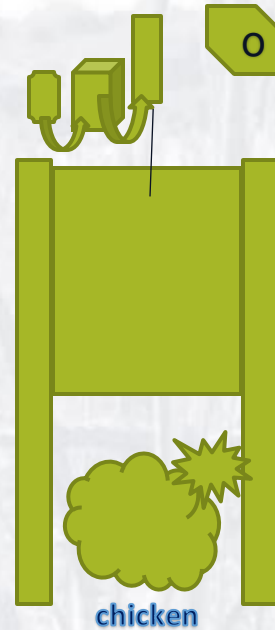
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Crates



Light weight
Stackable
Washable

Pop Hole Door Closer/opener



Train poultry to enter with a signal

Electric Poultry Netting



Prevent predator attack
Light weight-portable



Low pressure float waterer



Photos
courtesy of
David
Middleton



Hanging, high pressure waterer



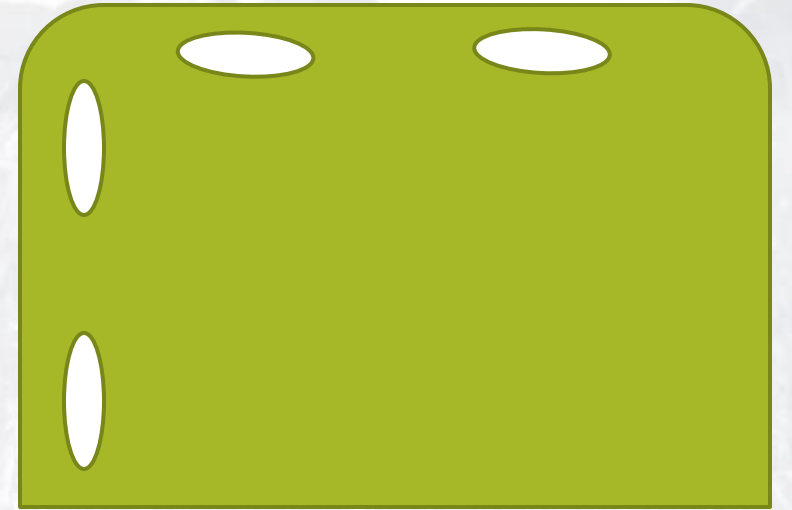
Flag Whip



Rattle
Paddle



Hog Sorting Panel



stick & plastic
shopping bag

Mount sorting boards
on wheelchairs

Sorting Tools



Fault Finder



Photos: courtesy of
David Middleton

Digital Volt Meter



Voltage Tester



Save Steps-

**Testing Equipment for Electric Fences,
polywire, electro-netting**

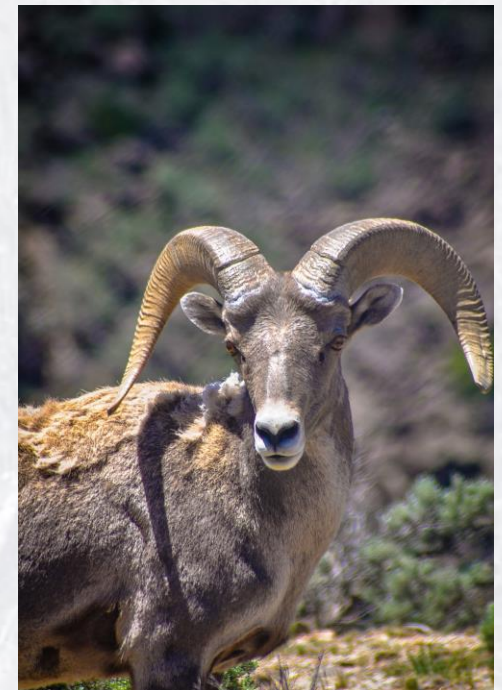


TOOL or RULE

Do you NEED to do “that” for entire population?



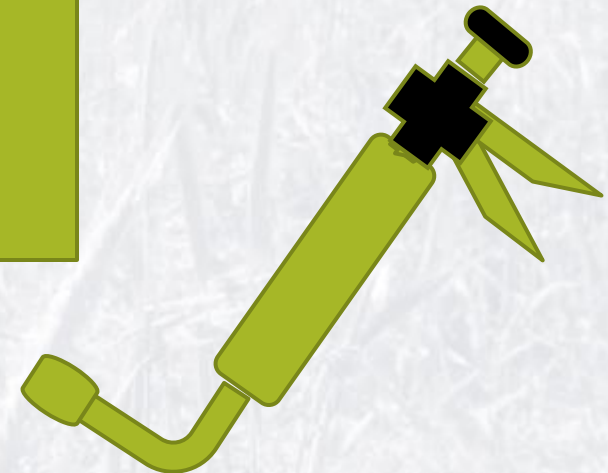
Select polled breeds instead of dehorning



Hair breeds over wool breeds,
if wool is devalued.



Learn how to do
FECAL EGG COUNT and **FAMACHA[®]**, use better grazing practices!
Dewormers should be used as a tool, NOT A RULE





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Grain-fed=added man-behavior



**Grass-fed=natural
animal behavior
Less infrastructure**



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RECORDS:

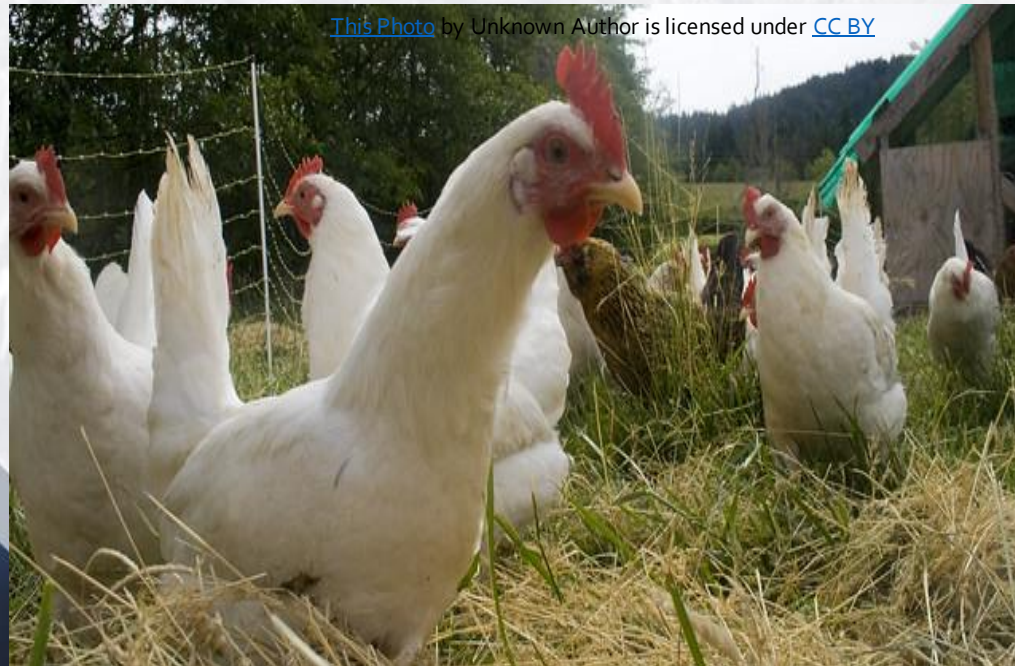
Checklist, chemical use, production, breeding, grazing

Electronic, paper, back-up/external hard drive

Functional Records:

demonstrate proof of action

create inventories and budgets for next year



Questions, so far?



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**THANKS FOR
ATTENDING
THIS SESSION!**

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**NEXT:
DIGITAL TOOL
SHOW & TELL**

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Livestock Tools and Equipment



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Kendra Graham, Farmington, MO

Nashon Bishop, Southwest Missouri
David Middleton, Southwest Missouri
Susan Jaster, West Central Missouri



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Basic Tools For Livestock Producers

- We tried to find tools that were easy to handle and practical.
- This is not a promotion for any company or product
- We purchased these tools from local farm supply stores and online.

Parturition Aids

Obstetric chain, 30" - \$7.79

Obstetric chain, 60" - \$9.33

Obstetric handle - \$10.99



Photo credit: Mississippi State University

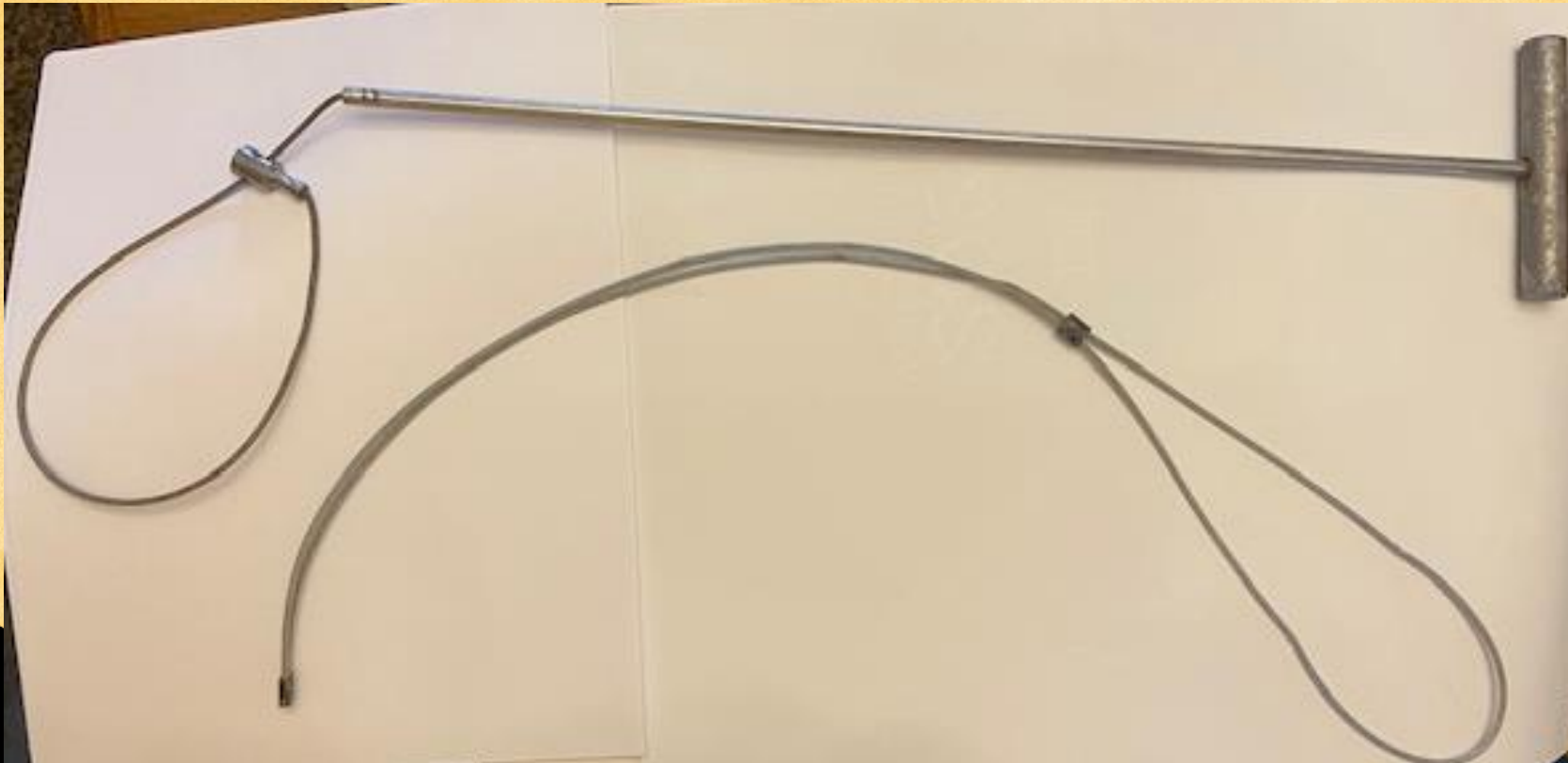
https://extension.msstate.edu/sites/default/files/publications//P2675_web.pdf



Parturition Aids

J-Lube OB lube powder - \$14.58

Stone Mfg. lamb/swine OB snare - \$28.49



Obstetric Gloves

Ideal shoulder length gloves - \$3.99/10 pk



Ideal nitrile gloves - \$3.99/10 pk

Calf Nursing Bottles



Little Giant calf bottle holder - \$6.99

Peach Teat calf bottle w/handle - \$17.89

Little Giant calf bottle – \$4.99



Springer Magrath fluid feeder - \$19.99

Ear Tag Applicators

Y-Tex Ultra
Tagger - \$25.99



Allflex Universal
Total tagger - \$26.95



Temple tagger
(discontinued)

Y-Tex Tagger - \$ 27.99

Z-tag tagger
once piece -
\$22.95

Ear Tag Applicators

Y-TEX Ultra
Tagger - \$25.99



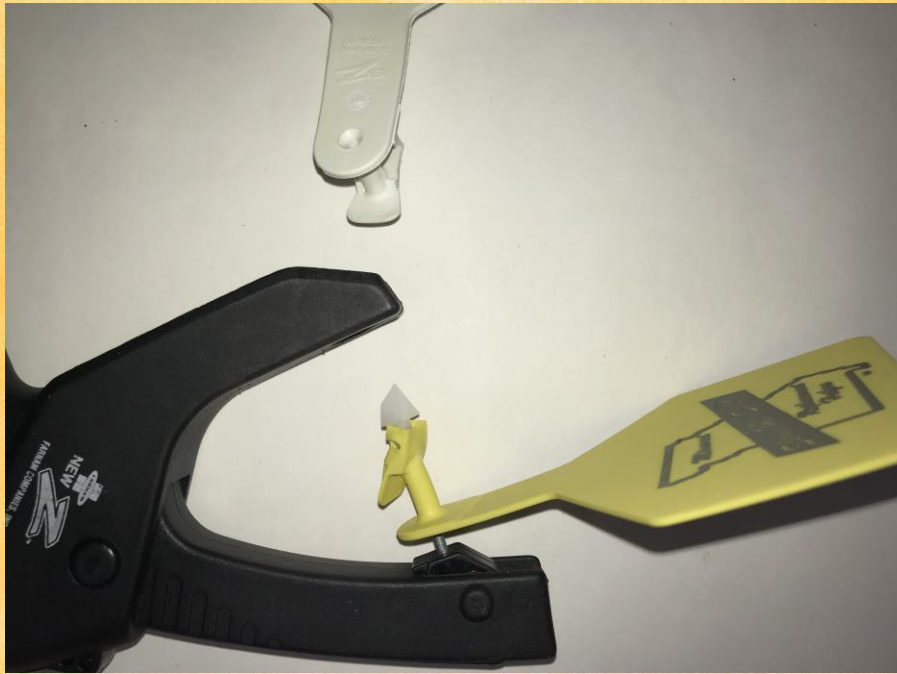
Allflex Universal
Total tagger - \$26.95



Temple tagger
(discontinued)

Y-TEX Tagger - \$ 27.99

Z-tag tagger
once piece -
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Other Ear Tag Tools



Z-Tag tag marker - \$7.49



Y-TEX tag marking ink - \$5.99

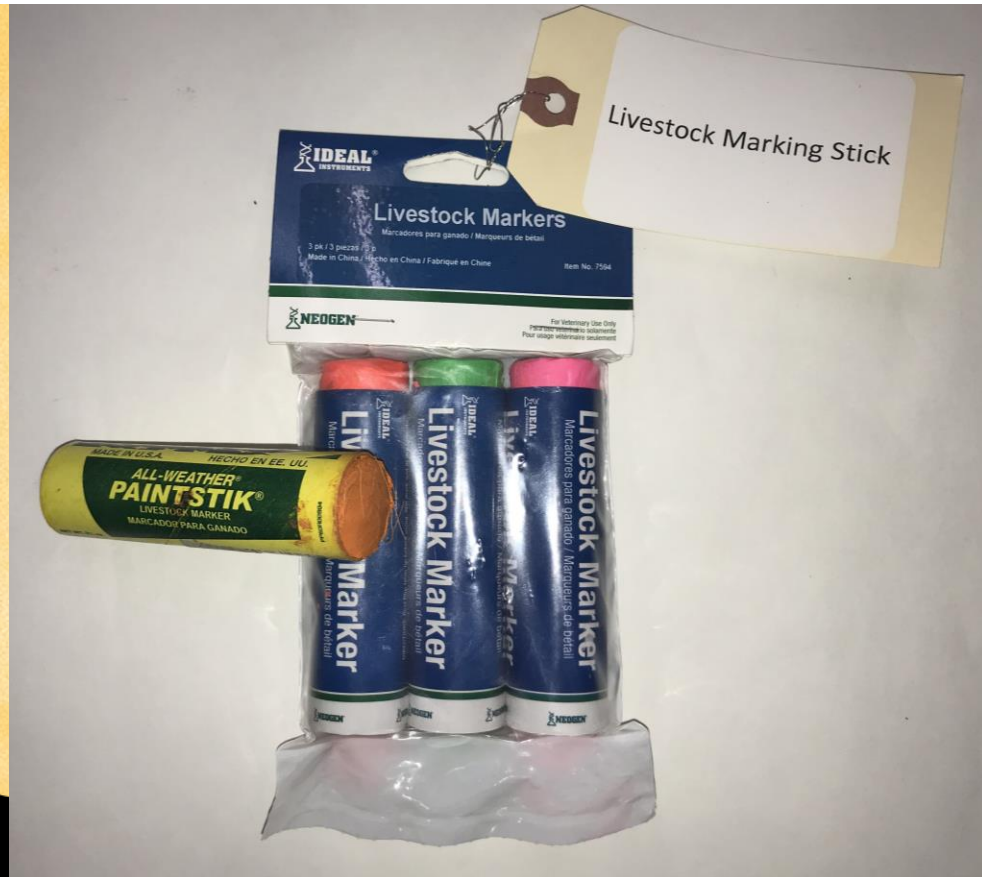
Product photo: www.valleyvet.com



Ear Tag remover - \$5.99

Livestock Identification Aid

Ideal Livestock Marking Stick - \$5.99



Ideal tooth nippers - \$7.54



Stone pig ear notchers - \$28.99



Calf Band Castrator

Producer's Pride band castrator - \$9.99



Band Castrator, Small



Band Castrator, Large

Producer's Pride Premium band castrator - \$26.99



Castration bands,
pk of 100 - \$2.72

Product photo: www.qcsupply.com

Syringes/Vaccinators



Allflex draw-off syringe \$27.95



Allflex pistol grip repeater syringe, 50ml - \$72.99



Prima Tech auto-fill vaccinator \$30.41



Slap-Shot flexible vaccinator - \$12.19

Photo credit PBS Animal Health:
www.pbsanimalhealth.com

Hoof and Leg Care



Producers Pride Hoof Trimmer - \$26.99



Sure Flexx elastic bandage wrap - \$1.99



Animal Handling Aids



Kane swine sorting panel - \$25.00



Photo: Pork Checkoff TQA handbook



North Star livestock catch hook - \$23.95



Photo: www.valleyvet.com

Weaver sorting pole - \$15.99

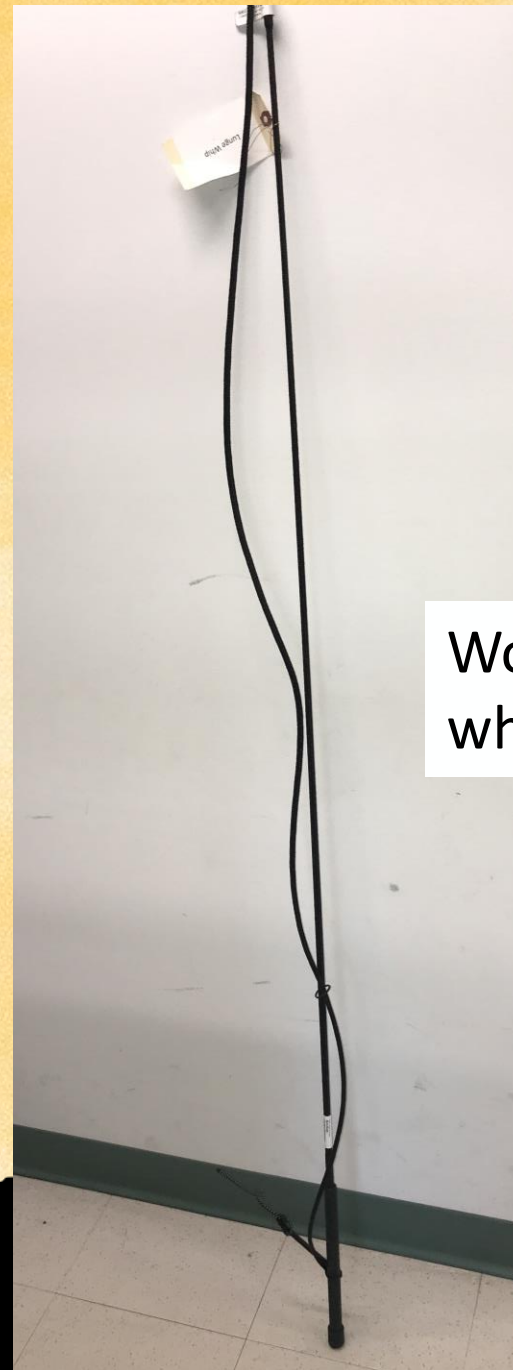
U.S. Flag whip - \$17.99



Horse Equipment

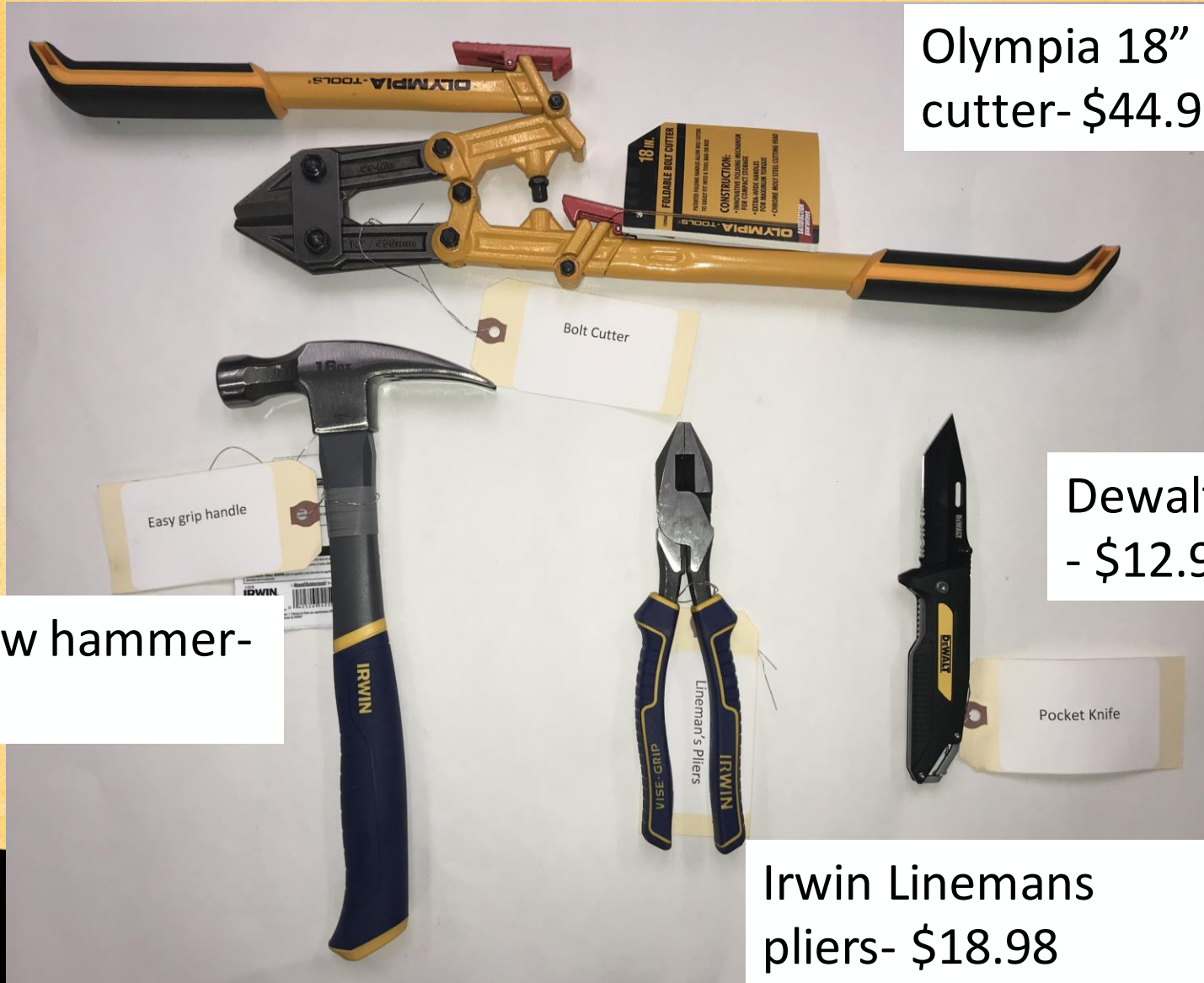


Weaver nylon halter - \$17.99



Wonder Whip lunge whip - \$19.99

Miscellaneous Tools



Olympia 18" bolt cutter- \$44.99

Irwin claw hammer- \$9.99

Dewalt pocket knife - \$12.99

Irwin Linemans pliers- \$18.98

Ergonomic Impact Resistant/Vibration Absorption Gloves

Ironclad gloves -
\$14.99



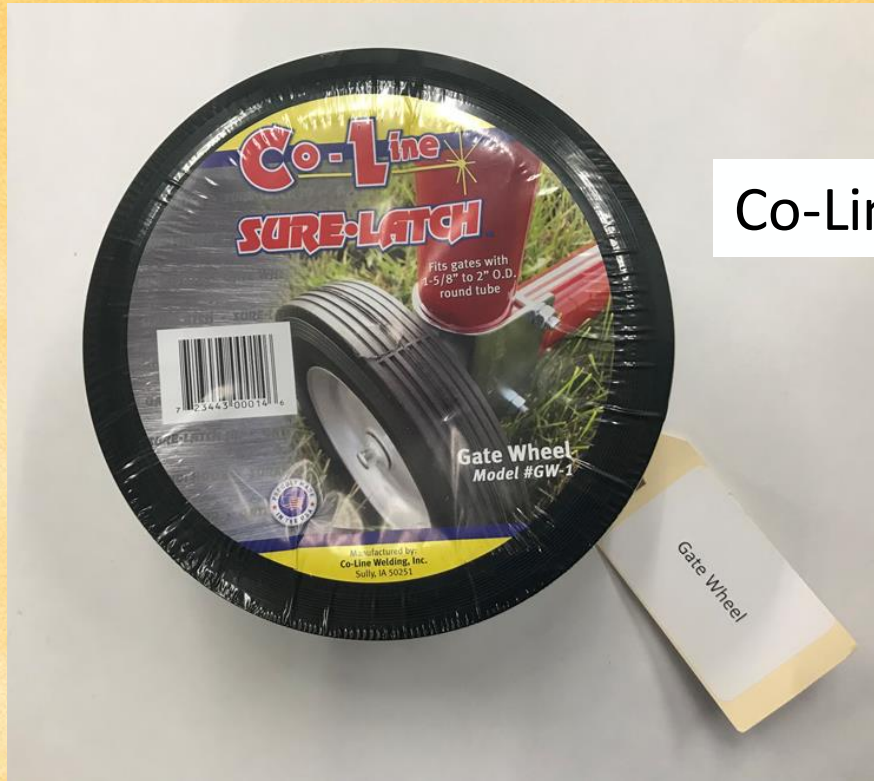
Huskey gloves - \$20.15



Ansell gloves - \$8.99



Making Life Easier



Co-Line gate wheel - \$18.49



Product photo: www.valleyvet.com

Final Thoughts

- Go feel and handle the tools.
 - Buy your own set – and hide it!
 - Buy pink and purple colors – less likely to get stolen!
 - Lubricate the tools, head chute, hinges, etc.
-
- Some ergonomic tools are a little more pricey but **YOUR HEALTH IS WORTH IT!**



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