Sheep and Goat Fencing Systems

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Well designed fences......

- Animal Control
- Allows for Adaptive Grazing
- Reduced Predation

Planning

• Aerial Photos/maps

• Extension

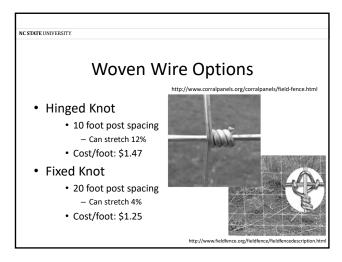
• NRCS

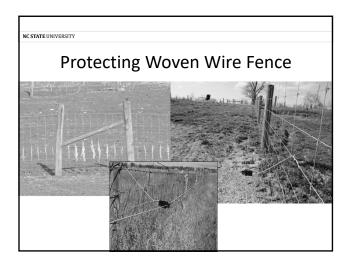
• Consider all options

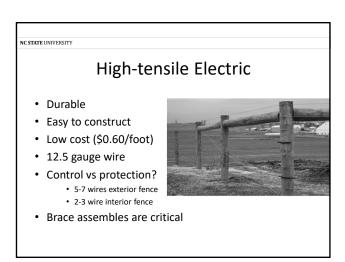
• Transparencies may help

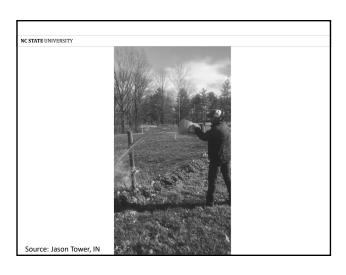
Permanent Fencing

• Woven Wire (Page wire)
• Alternatives sizes 16/60/2
• 16 horizontal lines
• 60" height
• 2" x 4" spacing





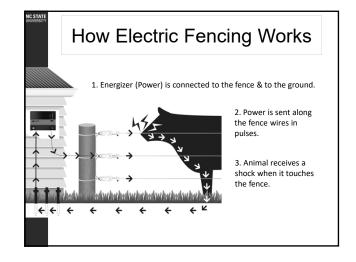


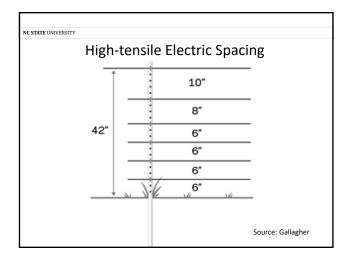


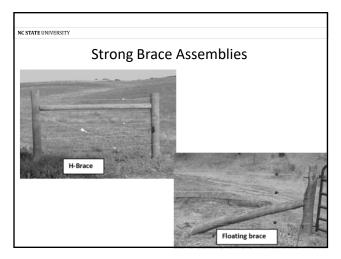
3 Components To A Power Fence System

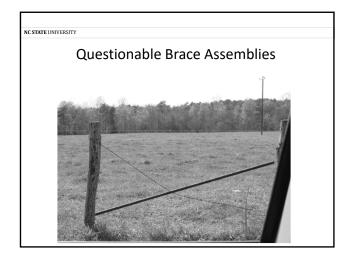
- 1.Energizer
- 2.Fence
- 3. Grounding System

All have to work properly or the system fails!









Other Options (not recommended)

- Mesh wire corrals?
- Barbed Wire not an effective predator deterrent
- Rail Fence
 - Wood or vinyl
 - Aesthetics
 - Minimal predator and/or animal control



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Temporary Fence

- Grazing management
 - Forage quality/utilization
 - Protection of the forage resource
- Parasite issues with small ruminants (sheep/goats)
- Protect the livestock from ground predators
- Landscape Management/Vegetation Control (sheep/goats)





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Terminology

- Temporary fence: moved daily or weekly
- Semi-permanent fence: moved once per season
 - With reels
 - Without reels
- Permanent fence
- Mental vs. Physical barrier?



Temporary Fence Basics

- How will you energize the fence?
- Animals will need to be trained.
- Under normal conditions (limited vegetation on the fence)
 - Cattle = 5,000 volts (5Kv)
 - Sheep/goats = 7,000 volts (7Kv)
- Wet conditions and vegetation will load the fence and reduce shocking power.



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Temporary Fence Basics

- · Poly fence products add resistance to existing fence systems.
- Thus a larger energizer may be needed when adding temporary fence.
- Monitor fence voltage during variable conditions to determine performance.
- Energizer size Rule of Thumb: 1 output joule per 10 to 40 acres.
- At least three grounds rods will be need for adequate grounding of most energizers.

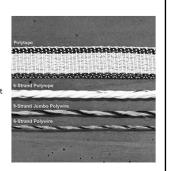


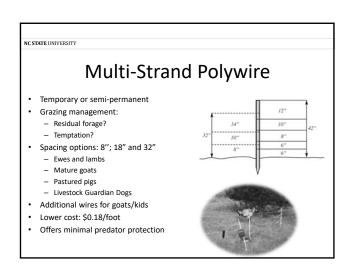


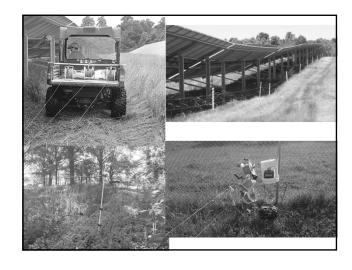
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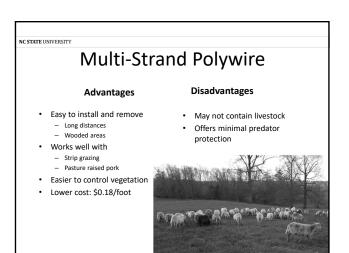
Types of Poly-Fence Products

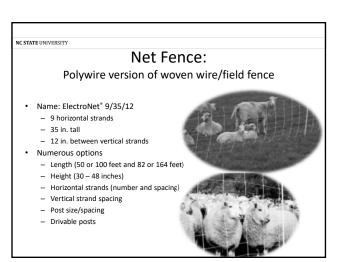
- Polywire (a.k.a. polytwine)
- Polyrope
- Polytape
- 9-strand stainless polywire works very well.
- Avoid the 5-strand economy polywire.
- Polytape is generally less conductive that polywire.











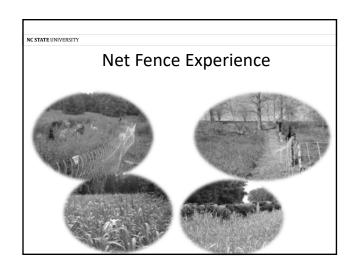
Net Fence Experience

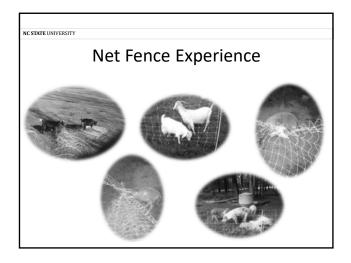
- Easy to use if you follow directions
- Tall forage should be mowed or ridden down
- Wooded areas will challenge your patience, but it is possible.
- Excellent ground predator control
- Entanglement issues will lambs/kids
- · Always keep the net electrified



Net Fence Experience Poultry netting is heavier than sheep/goat netting. Consider using two short sections rather than one long section. Energizer requirements Poultry net: 0.5 joules/2-100 foot nets Sheep/goat net: 0.5 joules/ 4-164 feet nets

Installation/Storage • http://www.premier1supplies.com/img/product/pdf/401.pdf • https://www.youtube.com/watch?v=g-zEHPNqEOw • https://www.youtube.com/watch?v=ADpXenWfPuk





Net Fence Costs

Sheep/Goats

- Premier Supply ElectroNet[®] 9/35/12
 - 164 feet = 13 lbs.
 - 82 feet = 7 lbs.
 - \$0.70/foot

Poultry

- Temporary Poultry Net[®] 12/42/3
 - 164 feet = 26 lbs.
 - 82 feet = 14 lbs.
 - \$0.94/foot



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Summary

- Develop a plan that fits your needs today and allows for future flexibility.
- Deterring predators must be considered (or containing LGD).
- Using temporary fence first can help producers decide if a permanent fence is needed and proper placement.

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Summary

- For large projects hiring a fencing contractor for all or a portion of the job could be a good idea.
- Buy quality products. Cutting corners with fence materials can lead to frustration down the road.
- Purchase a larger energizer than you need today.
- Use temporary fence to improve grazing management.

