On behalf of Food Animal Concerns Trust (FACT), welcome to the Fund-a-Farmer Webinar Series

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www.fundafarmer.org
(773) 525-4952
Fencing: Getting It Right

Cutler Fence, LLC

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Grew up on a farm
Bought home farm 1976
Inherited bad fences
Did my best with what I had
Introduced to Gallagher 1986
Started rotational grazing
Opened a fence shop
Started fencing 1990
Planning, Placement, and Practicality

“Most is in the planning, the fence company can do the rest”

My Ewe Lambs
Planning

- What species?
  - Sheep, beef, dairy, poultry, goats, pigs
- A bull?
Planning

What uses?

- Rotational grazing
- To a milking parlor
- Keeping things out or keeping things in?
Planning
What type of fence?

- Woven
- Wooden
- Barbed
- Tape
- Chain Link
- HIGH TENSIL
Planning – The Land

- Soils
- Topography
- Legality
- Nutrient management
2. PLACEMENT- ARIEAL PHOTO

- Get dimensions'
- Locate all gates
Placement – GATES

Types, size, needs, use, movement, people access
3. Practicality - Fence Types
Mental and Physical

HEDGE FENCE
Where’s the Fence?
Practicality

Costs

1.60 per ft. for a four strand barb

Resources

- NRCS-
  http://www.nrcs.usda.gov/wps/portal/nrcs/site/wi/home/
- Fence Companies
- Extension
- RC & Ds
Practicality - Physical Fences

1. Pipe
2. Panels
3. Cable
4. Board
5. Vinyl
6. Woven
7. Barb
8. Hedge
9. Welded wire
Practicality - Physical Barriers

POSTS

1. Wooden
   - Cedar
   - LOCUST
   - Osage
   - Treated

2. Steel T Posts
   - Weight
   - Height
   - Coating
Physical Barriers -
Woven Wire -

- Braces
- Stretching
- High tensile
- Soft wire
- Post spacing
- Gauge

$2.75/foot
Woven wire

Cost $2.35/ft.
Bekaert Sheep & Goat fence

- 14 Gage
- Special knot
Physical Barriers - Barbed Wire

- Number of wires
- Spacing of wires
- Number of barbs (points)
- Inches between barbs
- High Tensile verses soft wire
- Post spacing
- Vertical and horizontal direction changes
Steel pipe-welded brace
PRACTICALITY

Mental Barriers – Electric Fence

- Perimeter and interior
- Respect or revenge
- Posts NO STEEL
- Energizers
- Testers
- Remotes
- Water systems
- Reels
Mental Barriers - FENCE MATERIAL

- Portable and Poly Products
- Electrified netting fences
- Protective Coating on wire
- High tensile wire
- 4 wire $0.80/foot
- Tensile strength
  - Electrified Woven wire
PRACTICALITY

- Floating brace and corner assemble
- Two thirds height of fence
- At least 9 feet long
- One foot square pad
- Ratchet tight brace wire
SOLAR

- Typically self-contained battery
- Recharges
- Highly portable
- Most expensive option per joule
- Normally intended for small areas
What’s New in electric Fence

- Remote control
- DC Chargers
- AC Chargers
- Portable Poly products
MAKING ELECTRIC Fence

- REVIEW PLAN
- PREPARE BILL OF MATERIALS
- CALL 811 DIGGERS HOT LINE
- MARK AND INSTALL CORNERS
- INSTALL HILL DIP AND CURVE POSTS
- PULL WIRE
- STRECH WIRE
- INSTALL LINE POSTS
- MAKE CONNECTIONS
- INSTALL ENERGIZER, GROUND FIELD, LIGHTENING PROTEACTOR
- TEST
Proper Grounding
Rotational Grazing
THE PERMANENT FENCE FOR GRAZING
Buffalo
SIX STRAND ... 3/8” dia. electric rope
PRACTICALITY - Mental Barriers

- Adopting fence construction to fit terrain
- Species specific designs
- Predator exclusion?
- Compatibility with deer traffic
- Proper handling of poly products.
- Construction Cost cutting
PRACTICALITY—Mental barriers

- Voltage
- Amperage
- Positive negative system
- Maintenance
  - Heavy Brush
Check List

- Decide what kind of fence you need
- Locate an aerial map of the area to be fenced
- Contact a grazing specialist or a fence installer for an estimate & plan
- Research grants or cost sharing opportunities
- Approve plan/estimate
- Prepare site
- Schedule fence installation
- Call Diggers hot line three days prior
- Be available for installer
- Pay ½ at start, ½ when done
Thank you for listening ....email me with questions...estimates... or input

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