Agenda

- History on Silvopasture/ Carbon farming project
  - Tree considerations and placement
    - Livestock considerations
      - Housing & fencing
      - Grasses & rotations
    - Pigs
Umass Carbon Farming Initiative


Chestnuts
Possible Trees (suggestions)

- PERSIMMONS
- LOCUST
  - *considered invasive in MA, CT & Me
- APPLES
- PECANS
- PINE
- POPLAR
## Table 5.2: Silvopasture spacing chart: woodland/savanna spacing patterns

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Note: Thanks to Connor Stedman for developing and sharing this table.
Livestock Considerations

- Fencing
- Infrastructure
- Housing needs
  - Market
  - Eating preference
- Natural Behavior

Sheep
Cattle

Housing
Training to fence
Grass

Tall grass
Reed Canary (lower half of silvopasture), wetter environment

Orchard grass
Food Forest Hedge Row

Back up Paddock

.2 acres

13 ac
1 ac
11 ac
1 ac
12 ac
12 ac
13 ac
19 ac

= Chestnuts
= Honey Locust & Persimmons

#1
#2
#3
#4
#5
#6
#7
#8

.13 ac
.1 ac
.11 ac
.1 ac
.12 ac
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= May 15 - June 10 (27 days) / July 6th - August 5th (31 days)
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- **Back up Paddock**
  - .2 acres

- **Food Forest Hedge Row**
  - #1: .13 ac
  - #2: .1 ac
  - #3: .11 ac
  - #4: .1 ac
  - #5: .12 ac
  - #6: .12 ac
  - #7: .13 ac
  - #8: .19 ac

- May 15- June 10 (27 days) / July 6th-August 5th (31 days)
- June 10- July 6 (27 days)
Developing Silvopasture from standing woods

Pigs
June 28th – 9 growers

July 20th

Approx. ¼ acre

Silvopasture
A Guide to Managing Grazing Animals, Forage Crops, and Trees in a Temperate Farm Ecosystem
STEVE GABRIEL
Foreword by Eric Mannehmen