

Work in Progress

Released early for GW Grazing Class.

Please excuse any mistakes or poor formatting.

Rotational Livestock Grazing Plan For Every Scale Farm/Homestead

The Grass Whisperer Method

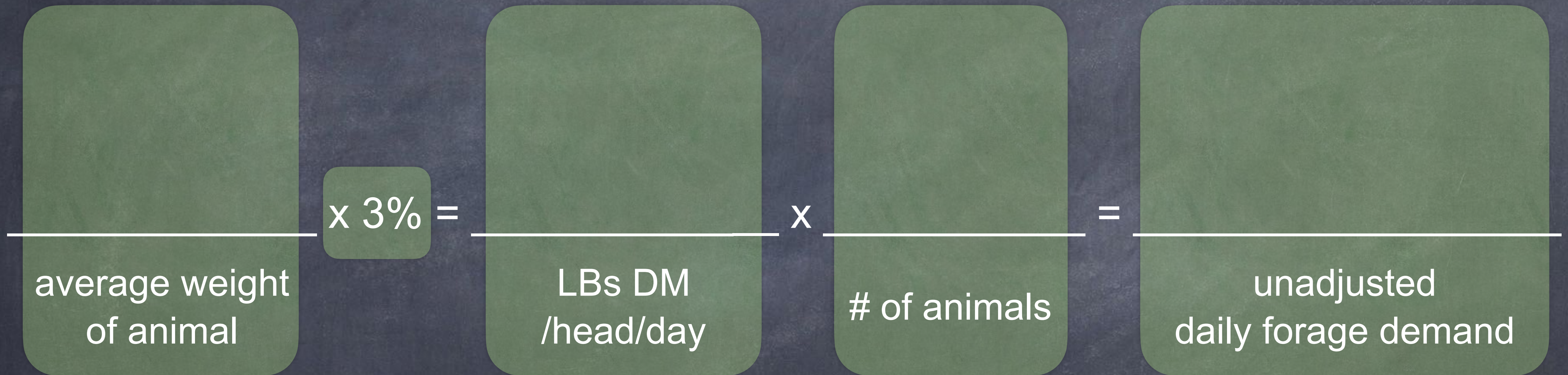
DIY Guide to Pasture Management & Profitable grazing



Getting In The Ballpark

DIY Guide to Pasture Management & Profitable grazing

1a. How much do grazing animals eat? Roughly...



1b. Adjust for Supplemental (non-grazed) Feed

$$\frac{\text{LBs / DM / Day}}{\text{LBs / DM / Day}} = \frac{\text{LBs / DM / Day}}{\text{LBs / DM / Day}}$$

2a. Estimate Forage Supply

	Pounds / Dry Matter / Acre Inch = per rotation			
Ibs/DME/Ac-In	0	100	200	300
Rating	poor	fair	average	good
Example Below	none	600lbs	1200lbs	1800lbs



Poor Forage Quality/Quantity

- Visual Description: Little to no ground cover
- Soils: depleted and overworked
- Organic matter: 0-.5%



Fair Forage Quality/Quantity

- Visual Description:
- Soils:
- Organic Matter:



Average Forage Quality/Quantity

- Visual Description:
- Soils:
- Organic Matter:



Good Forage Quantity/Quality

- Visual Description:
- Soils:
- Organic Matter:



2b. Acres Required / Day

1b. forage demand

$$\frac{\text{1b. forage demand}}{\text{2a. forage supply}} = \text{2b. acres required/day}$$

2a. forage supply

$$\frac{1b}{2a} = 2b$$

$$\frac{\text{demand}}{\text{supply}} = \text{acres/day}$$

3. Residency Period

(Days in one paddock)

Residency period = _____
Days

Days	What's that like?
7	Once A Week
3	Twice A Week
1	Every Day
0	Bad

4. Determine Ideal Paddock Size

$$\frac{\text{Forage demand}}{1b} + \frac{\text{forage supply}}{2a} = \frac{\text{acres required/day}}{2b} \times \frac{\text{residency period}}{3} = \frac{\text{paddock size (Ac)}}{4}$$

5. Determine Number of Paddocks Based On Recovery Time

$$\frac{\text{XX Days rest}}{\text{Residency period}} = \frac{\quad}{\quad} + 1 = \frac{\quad}{\text{number of paddocks}}$$

- Spring - 20 days
- Early Summer - 30 days
- Mid-Late Summer - 45 days
- Early Fall - 60 days

6. Estimate Total Acres Needed

$$\frac{\text{paddock size}}{\text{paddock size}} \times \frac{\text{# of paddocks}}{\text{# of paddocks}} = \frac{\text{acres needed for XX rest days}}{\text{acres needed for XX rest days}}$$

7. Determine Actual Acres Planned

$$\frac{\text{paddock size}}{\text{Ac needed/day}} = \text{Days available}$$

8. Now plot out a month(s) on the
Grazing Chart