Module 5 Record Keeping

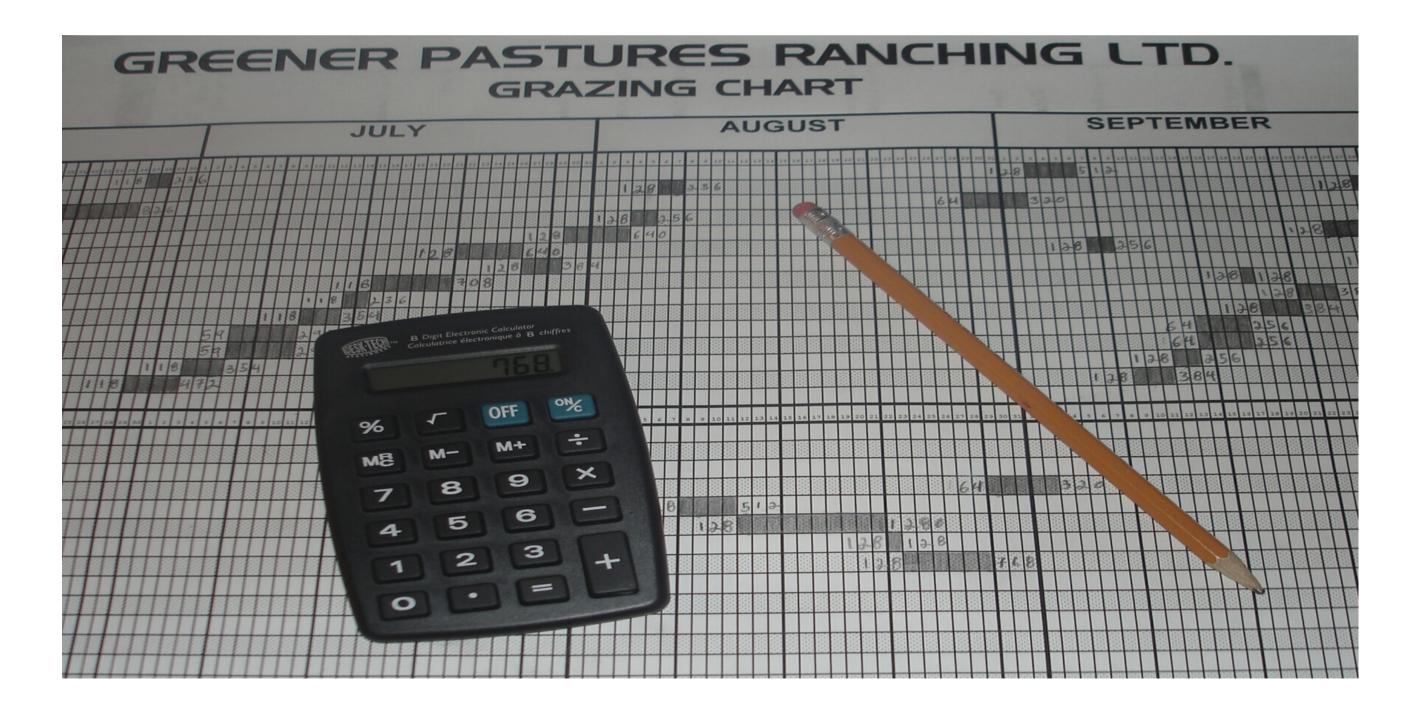# Record Keeping System

- Grazing Chart
- Grazing Book
- On-Line Software

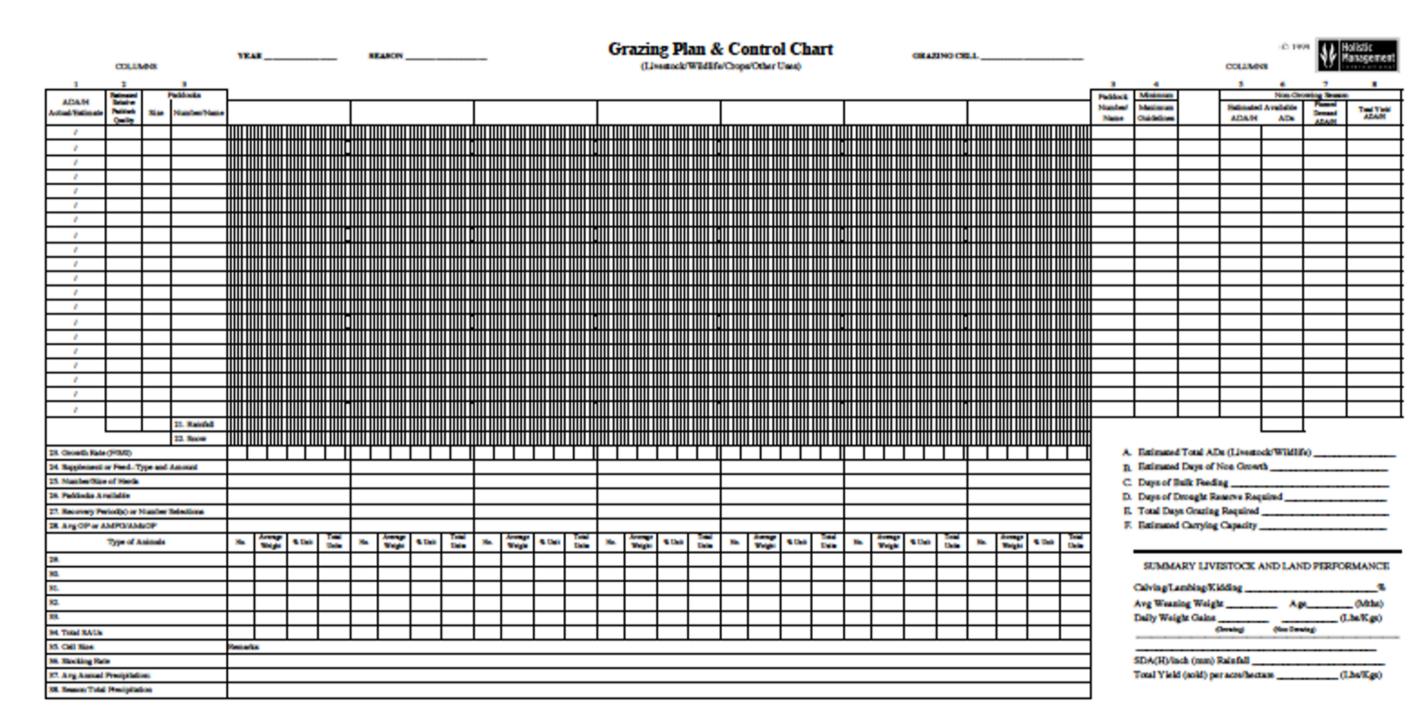# Grazing Chart

Grazing Chart

Grazing Chart

Madison County SWCD
6503 Wes Rd. Hamilton, NY 13346
(315) 824-9849 Troy-Bishopp@verizon.net
www.madcoswcd.com,www.onpasture.co

YEAR

GRAZING PLAN

PADDOCKS			April	May	June	July	August	September
	Size	Number / Name						

RAINFALL/ in
SNOW/ in

Daily Temps

PADDOCKS			October	November	December	January	February	March
	Size	Number / Name						

RAINFALL/ in
SNOW/ in

Daily Temps

Yield

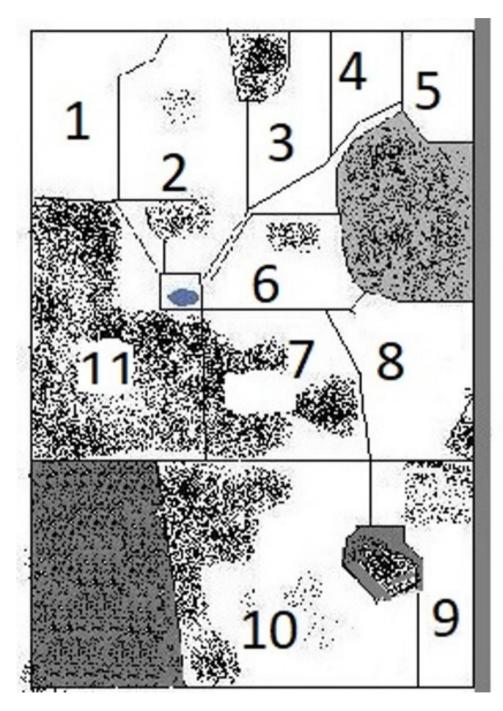## Lbs/Acre, ADA's, SDA,AUM, AUD?

ADA's

Yearling (500+)=0.75AD	Cow/Calf (Calf=100-200lbs)=1.75 AD	Dry Cow =	1.5 AD
Yearling (700+)=1 AD	Cow/Calf (Calf=300-400lbs)=2 AD	Bull (Breeding)=	2 AD
Yearling (900+)=1.25AD	Cow/Calf (Calf=400-500lbs)=2.25 AD	Bull (Not Breeding)=	2.5 AD

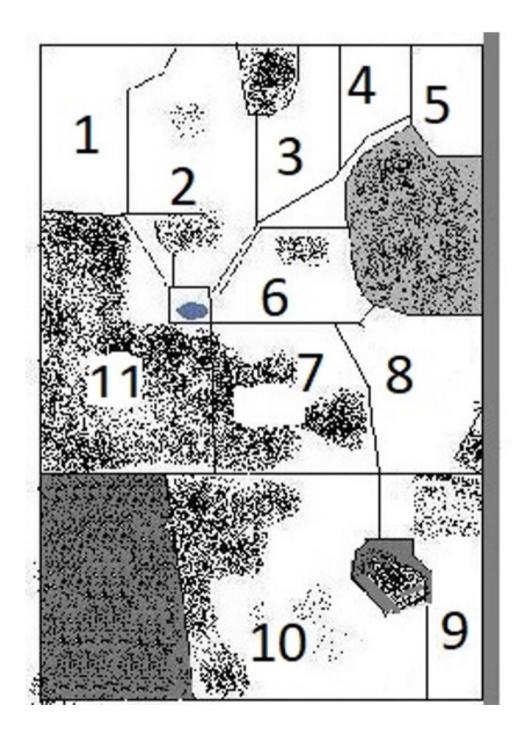Sheep or Goats (8:1 Dry Cow) = 0.2 AD
Chickens (200:1 Dry Cow) = 0.0075

GRAZING PLAN

PADDOCKS / fields		MAY	DM Need
Size	Number / Name		

Size	Number / Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M
12 ac	1													▬																		
15 ac	2											▬																				
8 ac	3							▬																								
6 ac	4					▬																										
15 ac	5				▬																											
30 ac	6								▬																							
10 ac	7															▬																
15 ac	8																		▬													
8 ac	9																	▬														

GRAZING PLAN

PADDOCKS / fields		MAY																															DM Need
Size	Number / Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	
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30 ac	6																																
10 ac	7																																
15 ac	8																																
8 ac	9																																

GRAZING PLAN

PADDOCKS / fields		MAY	DM Need
Size	Number / Name		
		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	
		S S M T W TH F S S M T W TH F S S M T W TH F S S M T W TH F S S M	
12 ac	1		
15 ac	2		
8 ac	3		
6 ac	4		
15 ac	5		
30 ac	6		
10 ac	7		
15 ac	8		
8 ac	9		

PADDOCKS		May	JUNE	JULY
No.	Size			
N1	12	142 142 L		
N2	12	142 142 L	142 710	M
N3	9		142 284 L	
N4	12		142 142 L	
N5	10	142 284 L	142	568 M
N6	16	142 284 L		
N7	7			44
N8	15	142 426 L		120
N9	10	142 142 L	142 710	M
N10	10	142 142 L	142 568	M
N11	10	142 284 L		142 568 M
N12	12	142 284 L		142 852 M
N13	12	142 284 L		142 852
N14	10	142 284 L		142
	157			
S1	7		142 142 L	
S2	12		142 284 L	
S3	12		142 284 L	
S4	11		142 284 L	
S5	21		142 284 L	
S6	43		142 568 M	
S7	4		142 142 L	
S8	10		142 426 L	

PADDOCKS		SEPTEMBER	OCTOBER	Total AD	Total ADA	Total $/Acre
No.	Size					
N1	12			742	62	$34.63
N2	12	164 █ 820 M		1872	139	$78.03
N3	9			940	104	$58.49
N4	12			634	53	$29.59
N5	10		164 █ 820 M	1672	167	$93.63
N6	16	164 █ 984 M		1924	120	$67.34
N7	7			616	88	$49.28
N8	15			1626	108	$60.70
N9	10			710	71	$39.76
N10	10			710	71	$39.76
N11	10			852	85	$47.71
N12	12			1136	95	$53.01
N13	12			1136	95	$53.01
N14	10			1136	114	$63.62
	157			15506	99	$55.31
S1	7	492 M		634	91	$50.72
S2	12	656 M		940	78	$43.87
S3	12	64 █ 656 M		940	78	$43.87
S4	11	164 █ 656 M		940	85	$47.85
S5	21	164 █ 328 M		612	29	$16.32
S6	43	164 █ 820 M		1388	32	$18.08
S7	4	164 █ 164 M		306	77	$42.84
S8	10	164 █ 820 M		1246	125	$69.78

Record-keeping
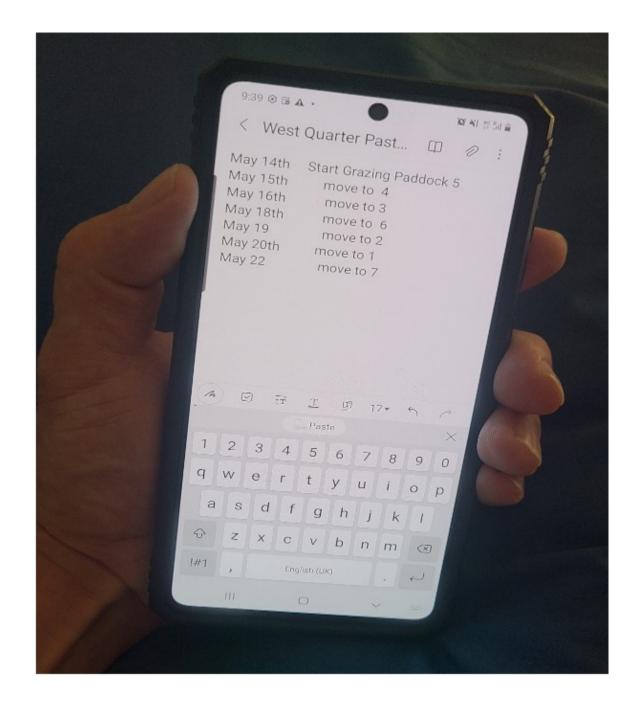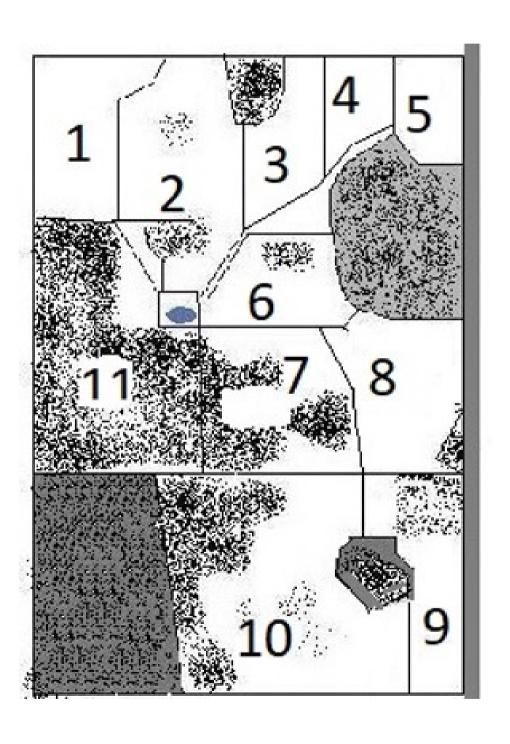
GREENER PASTURES RANCHING Ltd.

Instructions

Fill in all of the data on the January Page. Tittle, date, paddock names and acres. From here, all the data will transfer to all of the other pages.
You are only able to type into the yellow spaces as the rest of the spreadsheet is locked to avoid accidental loss of formulas.
Every 5 rows are a different colour as those are the areas that will calculate out together in the summary. Like paddocks should be grouped together.

You can track precipitation for your own records but it does not effect any other part of the chart.

The Animal Days Calculation boxes are there just to help you add up the Animal Day Values and can help you to adjust them throughout the year.

The key to the chart is the row at the bottom called ADV. These boxes have a formula but you can write over them on any date. The formula is simply a dupicate of the previous cell.
If you change one, all of the others following should change with it. This allows us to adjust the ADV as often as we see fit.

The chart at the bottom is a guide to help get a relitive ADV harvested every day. It can value the different classes of livestock relative to what they eat.

Yearling (500+)=0.75AD	Cow/Calf (Calf=100-200lbs)=1.75 AD	Dry Cow =	1.5 AD
Yearling (700+)=1 AD	Cow/Calf (Calf=300-400lbs)=2 AD	Bull (Breeding)=	2 AD
Yearling (900+)=1.25AD	Cow/Calf (Calf=400-500lbs)=2.25 AD	Bull (Not Breeding)=	2.5 AD

The grazing pressure allows you to record the amount of residue you left behind each year. It is only for reference in the following years to compare.
In a drought I might graze heavey and get a high number of AD but in reality the grazing pressure will help me adjust for rainfall and management.

Fertilizer values allows you to add a value for fertility added.

Start of Grazing

Go to the first day of grazing and type a number 1 on the appropriate paddock. Nothing happens. That is because we have not added the ADV at the bottom.

Grazing Book

Record Keeping System

- What will work for them
- What is the farm's context