



Montana Rancher Record Notebook



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This notebook is modified for Montana ranchers from the Florida Beef Cattle Ranch Record Book, University of Florida Extension, Doug Mayo, Livestock Extension Agent.

Montana Rancher Record Notebook

Welcome to the Montana Rancher Record Notebook developed by Drs. Megan Van Emon and Emily Glunk for use on the ranch. This notebook contains helpful spreadsheets for use on the ranch, which are easily kept in a 3-ring binder. Make as many or as few copies as you need to cover your pasture, grazing, and cattle management.

Record keeping is crucial to making decisions on the ranch. This notebook can serve as a helpful tool in keeping records organized and easily obtainable. Pasture, grazing, and cattle management sections have been developed for ease of use and easy record keeping. Most spreadsheets can be used for multiple years and locations.

If you run out of a certain sheet, don't worry, each sheet can be found online at <http://animalrangeextension.montana.edu/beef/>.

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Important Phone Numbers

Name	Phone #

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Calendar

Year

January

February

March

April

Calendar

Year

May

June

July

August

Calendar

Year

September

October

November

December

Pasture and Hay Records

Precipitation

Year:

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
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												

Yearly Precipitation:

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Fertilizer Record

Location:

Date Applied	Product	Rate/Acre	# Acres	Total Applied	Area Applied

Pasture or Hay Field Renovation or Improvement

Date	Type of Renovation	Crop	Seeding Rate	# Acres Seeded	Comments

Pest Record

Location:

Date	Pest Observed	Level of Damage	Crop Affected

Weed Record

Date	Weed Observed	Level of Damage	Crop Affected

Pest and Weed Control

Date Treated	Product Used	Field Conditions	Treatment Method	Control of Pest

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Hay Harvest Record
Field ID:
Number of acres:

Harvest Date	Alfalfa, %	Grass, %	Other Species, %	Yield	Comments

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Grazing Records

Grazing Record
Pasture ID:

Date In	Grass Height In	Date Out	Grass Height Out	Number of Grazing Days	Herd ID	Number of Animals	Comments

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Water Test Record

Location:

Date Sampled	Type of Water Source	TDS	Sulfate	pH	Nitrate	Comments

Cattle Records

Cow Production History

Cow ID:	Description:
Cow's Birth Date:	Weaning Weight:
Purchase Date:	Purchase Price:
Age at Purchase:	

Date of Cull		Cow ID:
Reason		
Sale Weight		
Sale Price		

Production Record

Calving									Weaning			
Year	Cow Age	Calf ID	Birth Date	Birth Weight	Calf Vigor	Calving Problems	BCS at Calving	BCS at Breeding	Weaning Weight	BCS at Weaning	Pregnant or Open	Keep or Cull

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Beef Gestation Table

Based on 283-day gestation

Bred Jan	Calve Oct	Bred Feb	Calve Nov	Bred Mar	Calve Dec	Bred Apr	Calve Jan	Bred May	Calve Feb	Bred June	Calve Mar
1	10	1	10	1	8	1	8	1	7	1	10
2	11	2	11	2	9	2	9	2	8	2	11
3	12	3	12	3	10	3	10	3	9	3	12
4	13	4	13	4	11	4	11	4	10	4	13
5	14	5	14	5	12	5	12	5	11	5	14
6	15	6	15	6	13	6	13	6	12	6	15
7	16	7	16	7	14	7	14	7	13	7	16
8	17	8	17	8	15	8	15	8	14	8	17
9	18	9	18	9	16	9	16	9	15	9	18
10	19	10	19	10	17	10	17	10	16	10	19
11	20	11	20	11	18	11	18	11	17	11	20
12	21	12	21	12	19	12	19	12	18	12	21
13	22	13	22	13	20	13	20	13	19	13	22
14	23	14	23	14	21	14	21	14	20	14	23
15	24	15	24	15	22	15	22	15	21	15	24
16	25	16	25	16	23	16	23	16	22	16	25
17	26	17	26	17	24	17	24	17	23	17	26
18	27	18	27	18	25	18	25	18	24	18	27
19	28	19	28	19	26	19	26	19	25	19	28
20	29	20	29	20	27	20	27	20	26	20	29
21	30	21	30	21	28	21	28	21	27	21	30
22	31	22	1	22	29	22	29	22	28	22	31
23	1	23	2	23	30	23	30	23	1	23	1
24	2	24	3	24	31	24	31	24	2	24	2
25	3	25	4	25	1	25	1	25	3	25	3
26	4	26	5	26	2	26	2	26	4	26	4
27	5	27	6	27	3	27	3	27	5	27	5
28	6	28	7	28	4	28	4	28	6	28	6
29	7			29	5	29	5	29	7	29	7
30	8			30	6	30	6	30	8	30	8
31	9			31	7			31	9		
Jan	Nov	Feb	Dec	Mar	Jan	Apr	Feb	May	Mar	June	Apr

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Bred July	Calve Apr	Bred Aug	Calve May	Bred Sept	Calve June	Bred Oct	Calve July	Bred Nov	Calve Aug	Bred Dec	Calve Sept
1	9	1	10	1	10	1	10	1	10	1	9
2	10	2	11	2	11	2	11	2	11	2	10
3	11	3	12	3	12	3	12	3	12	3	11
4	12	4	13	4	13	4	13	4	13	4	12
5	13	5	14	5	14	5	14	5	14	5	13
6	14	6	15	6	15	6	15	6	15	6	14
7	15	7	16	7	16	7	16	7	16	7	15
8	16	8	17	8	17	8	17	8	17	8	16
9	17	9	18	9	18	9	18	9	18	9	17
10	18	10	19	10	19	10	19	10	19	10	18
11	19	11	20	11	20	11	20	11	20	11	19
12	20	12	21	12	21	12	21	12	21	12	20
13	21	13	22	13	22	13	22	13	22	13	21
14	22	14	23	14	23	14	23	14	23	14	22
15	23	15	24	15	24	15	24	15	24	15	23
16	24	16	25	16	25	16	25	16	25	16	24
17	25	17	26	17	26	17	26	17	26	17	25
18	26	18	27	18	27	18	27	18	27	18	26
19	27	19	28	19	28	19	28	19	28	19	27
20	28	20	29	20	29	20	29	20	29	20	28
21	29	21	30	21	30	21	30	21	30	21	29
22	30	22	31	22	1	22	31	22	31	22	30
23	1	23	1	23	2	23	1	23	1	23	1
24	2	24	2	24	3	24	2	24	2	24	2
25	3	25	3	25	4	25	3	25	3	25	3
26	4	26	4	26	5	26	4	26	4	26	4
27	5	27	5	27	6	27	5	27	5	27	5
28	6	28	6	28	7	28	6	28	6	28	6
29	7	29	7	29	8	29	7	29	7	29	7
30	8	30	8	30	9	30	8	30	8	30	8
31	9	31	9			31	9			31	9
July	May	Aug	June	Sept	July	Oct	Aug	Nov	Sept	Dec	Oct

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AI Breeding Record

Cow ID	Location	1 st AI Service	Bull ID	Estimated Calving Date	2 nd AI Service	Bull ID	Estimated Calving Date	Technician

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Natural Service Breeding Record

[illegible]

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Pregnancy Test Record

[illegible]

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Bull Production History

Bull ID:	Description:
Bull's sire:	Sire Breed:
Bull's Dam:	Dam Breed:
Birth Weight:	Weaning Weight:
Purchase Date:	Purchase Price:
Age at Purchase:	

Bull ID:

Production Record

Year	Bull Age	Date In	Pasture	BCS In	# Cows	Date Out	BCS Out	Comments

Cull Date	Reason	Sale Weight	Sale Price

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Bull Breeding Soundness Exam

Date	Bull ID	Age of Bull	Veterinarian	Pass or Fail	Comments

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Vaccination/Treatment Record

Location	Date	# Head	Vaccine/Treatment Administered	Company	Serial No.	Dose	Exp. Date	Withdrawal Date	Route

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Illness Treatment Record

Date	Location	Diagnosis	Treatment/Dose	Company	Serial No.	Withdrawal Date	Route

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Supplement Record

[illegible]

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Cattle Performance Analysis

Year:

		# Head and Weight
Breeding		
	# Cows Exposed	
Calving		
	# Calves Born	
	# Live Calves	
	# Dead Calves	
Weaning		
	# Calves Weaned	
	# Steers Weaned	
	# Heifers Weaned	
	# Bulls Weaned	
	Avg. Wean Wt.	
	Avg. Steer Wt.	
	Avg. Heifer Wt.	
	Avg. Bull Wt.	
Preg Check		
	# Cows Bred	
	# Cows Open	
	# Cows Culled	

Pregnancy percentage = (# Cows Bred ÷ # Cows Exposed) × 100

Calving percentage = (# Calves Born ÷ # Cows Exposed) × 100

Weaning percentage = (# Calves Weaned ÷ # Cows Exposed) × 100

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Herd Inventory

Year:

Herd ID	Jan. 1 # Head	Jan. 1 # Culled	Calving # Head	Calving # Culled	Breeding # Head	Breeding # Culled	Weaning # Head	Weaning # Culled	Preg Check # Head	Preg Check # Culled
Mature Cows										
2-3 yr old cows										
Heifers										
Mature Bulls										
Young Bulls										
Steer Calves										
Heifer Calves										
Horses										
Other Livestock										

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Herd Performance
Year:

				Weaning								
Herd ID	# Cows Exposed to Bull	Total Calves Born	# Dead Calves	# Calves Weaned	Total Calf Wt.	Avg. Wt.	Total Steer Wt.	Avg. Steer Wt.	Total Heifer Wt.	Avg. Heifer Wt.	# Cows Bred	# Cows Open

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