

ECONOMIC SUMMARY OF NORTHERN PLAINS 1996 IRM HERDS

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Jan 1, 1998

IRM-SPA PRODUCTION

Low 1/3, Middle 1/3, & High Cost 1/3

	Low Cost 1/3	Middle Cost 1/3	High Cost 1/3	Average
SPA Adjusted Females Expos	415	182	169	248
Jan 1 Beginning Inventory ²	367	176	181	233
Pregnancy Percentage	92%	96%	95%	94%
Calving Percentage	90%	93%	88%	91%
Calf Death Loss	5%	5%	10%	7%
Percent Calf Crop	86%	0.9	0.8	0.85
Ave Weaning Weight	522	535	529	525
Steers	535	553	532	538
Hiefers	508	514	517	509
Ave Calf Age	217	211	200	212
Weight Per Day Of Age	2.42	2.55	2.69	2.5
Lbs Weaned/Female Expose	451	478	426	450

IRM ECONOMIC SUMMARY

Low 1/3, Middle 1/3, & High Cost 1/3

	Low 1/3	Middle 1/3	High 1/3	Average
Jan 1 Beginning Inventory	367	176	169	233
Capital Investment Per Cow	\$1813	\$2343	\$2142	\$2031
Total Debt Per Cow	\$314	\$471	\$574	\$416
Average Steer Price	\$65	\$64	\$64	\$65
Average Weaning Weight	522	535	529	525
Gross Income Per Cow	\$358	\$322	\$256	\$313

IRM FEED COST SUMMARY

Low 1/3, Middle 1/3, High Cost 1/3

	Low 1/3	Middle 1/3	High 1/3	Average
Summer Grazing Costs	\$58	\$68	\$81	\$68
Aftermath Grazing	\$1	\$1	\$2	\$2
Winter (stored feed)	\$98	\$152	\$164	\$143
Total feed Costs	\$156	\$221	\$246	\$214
Percent Of Total Costs	64%	64%	54%	61%

IRM LIVESTOCK COSTS

Low 1/3, Middle 1/3, & High Cost 1/3

	Low 13/	Middle 1/3	High 1/3	Average
Vet & Medicine	\$11	\$15	\$24	\$16
Trucking	\$1	\$3	\$3	\$2
Miscellaneous	\$0	\$0	\$0	\$0
Fuel	\$7	\$10	\$10	\$9
Utilitites	\$5	\$5	\$8	\$6
AI Expense	\$2	\$1	\$17	\$6
Supplies & Leas	\$8	\$18	\$35	\$20
Marketing	\$2	\$4	\$6	\$4
Breeding	\$10	\$15	\$14	\$12
Hired Labor & M	\$7	\$10	\$8	\$8
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Total Livestock	\$53	\$80	\$125	\$83

IRM FIXED EXPENSES

Low 1/3, Middle 1/3, & High Cost 1/3

	Low 1/3	Middle 1/3	High 1/3	Average
Bld, Fac, Cows	\$27	\$31	\$56	\$37
Debt Interest	\$4	\$7	\$22	\$10
Debt Principal	xxx>	xxx>	xxxx>	xxxx>
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Total Fixed Cost	\$31	\$38	\$78	\$47

IRM PROFIT PER COW

Low 1/3, Middle 1/3, & High Cost 1/3

	Low 1/3	Middle 1/3	High 1/3	Average
Gross Income	\$358	\$322	\$256	\$313
Total Costs	\$244	\$347	\$456	\$351
Family Living Draw	xxxx>	xxxx>	xxxx>	xxx>
Net -- Returns to labor, Mgt, and Equity Capital	\$114	-\$25	-\$200	-\$37
Unit Cost Of Production (\$/Cwt Of Calf Produced Mode	\$43	\$70	\$84	\$73