

TABLE 1. Basic cost information for Northern Mountain Counties.

Item			
Labor Wage Rate:	\$/hour		7.25
Purchased Inputs:			
Fertilizer:			
Nitrogen (N)	\$/pound		0.58
Phosphate (P205)	\$/pound		0.51
Baling wire	\$/pound		0.61
Canal water	\$/acre		7.00
Energy:			
Butane	\$/MCF		2.50
Diesel fuel	\$/gallon		2.80
Gasoline	\$/gallon		2.50
Electricity	cents/KwHr		7.65
Natural Gas	\$/MCF		5.89
Employee Liability Insurance	\$/1,000	wages	20.00
Employee Benefits	percent/w	ages	18.00%
Labor Downtime	percent		25.00%
Financial Rates:			
Operating Capital Interest Rate	percent		7.50%
Land Interest Rate	percent		7.00%
Equipment Interest Rate	percent		7.50%
Real Interest Rate	percent		3.00%
Land Taxes	361.50 /acre	(full value)	4.14
Personal Property Tax Rate - NR	\$/1,000	(Assessed Value)	20.64
- R			17.54
Supervision Factors			
Field Crop-Irrigation	\$/labor hour		1.00
Field Crop-Equipment & General	\$/labor hour		0.50
Vegetable Crop-Irrigation	\$/labor hour		2.90
Vegetable Crop-Equip & General	\$/labor hour		1.00
Management Rate			
Field Crops	percent/GR		7.00%
Vegetable Crops	percent/TOE		10.00%

BUDGET AREA..... NORTHERN MOUNTAIN COUNTIES.  
 FARM SIZE..... 40 ACRES Projected 2010.  
 IRRIGATION TYPE... FLOOD  
 NUMBER OF CROPS... 3

ACREAGE SUMMARY:	LAND USE (ACRES)	WATER USE	
		AC.IN. PER AC.	TOTAL AC.IN.
ALFALFA ESTABLISHMENT	1.0 *	12	12
ALFALFA	10.0	18	180
PASTURE ESTABLISHMENT	0.0 *	18	0
PERMANENT PASTURE	0.0	24	0
OAT HAY	0.0	24	0
GRASS HAY ESTABLISHMENT	2.0 *	1.31	3
GRASS HAY	30.0	30	900
CORN SILAGE	0.0	36	0
WHEAT	0.0	24	0
ARP	0.0		
FLEX IN SUDAN HAY	0.0	30	0
BARLEY	0.0	24	0
ARP	0.0		
FLEX IN SUDAN HAY	0.0	30	0
CORN	0.0	48	0
ARP	0.0		
FLEX IN SUDAN HAY	0.0	30	0
GREEN CHILE	0.0	48	0
ROADS & DITCHES	0.0		
TOTAL	40.0		1,095
ACRE FEET PER ACRE OF WATER RIGHTS			2.28

\* DOUBLE-CROPPED

TABLE 1a. Overhead cost information for Northern Mountain Counties, 2010.

ITEM	CROP ENTERPRISE		LIVESTOCK ENTERPRISE	TOTAL
	Electricity (Domestic & Shop)	35.40	per month	425
Telephone	35.40	per month	425	424.80
Accounting & Legal			136	135.70
Misc. Supplies & Hand Tools			277	277.30
Pickup and Auto	Crop Ent.	Livestock Ent.		0.00
miles	3,658	1500 @	0.415 per mile	1,518.07
Insurance				0.00
- general liability (non-employee)			0	0.00
- fire/theft			0	0.00
Property Taxes				0.00
- non-planted land			0	0.00
- other than land & machinery			0	0.00
Building repairs and maintenance			123	123.31
Dues, fees, publications			112	111.51
Farmstead Equipment			207.68	207.68
Total			3,223	0
Total Per Planted Acre			76.74	

Table 2. Pumping Costs and Data For Irrigation Wells, Northern Mountain Counties.  
Projected 2010.

INPUT DATA

DELIVERY PSI:		DEPTH CHARACTERISTICS:	
SPRINKLER...	0	STATIC... ..	15
		DRAW DC .....	55
		TOTAL HEAD....	70
		CASING... ..	125
GALLONS PER MINUTE (GPM).	1500		
WORK HORSEPOWER .....	27		
EFFICIENCY FACTOR:			
ELECTRICITY. ....	0.447		
NATURAL GAS. ....	0.125		
BUTANE.....	0.186		
DIESEL.....	0.199		
FUEL COST PER UNIT:			
ELECTRICITY. ....	9.00	CENTS/k wH	
NATURAL GAS. ....	3.50	\$/MCF	
BUTANE.....	1.21	\$/GAL	
DIESEL.....	1.35	\$/GAL	

FUEL PUMPING COSTS:

ELECTRICAL WELL:	
COST PER HOUR.....\$	4.01
COST PER ACRE INC.....\$	1.21
NATURAL GAS WELL:	
COST PER HOUR.....\$	2.10
COST PER ACRE INC.....\$	0.63
BUTANE WELL:	
COST PER HOUR.....\$	4.81
COST PER ACRE INC.....\$	1.45
DIESEL WELL:	
COST PER HOUR.....\$	3.26
COST PER ACRE INC.....\$	0.98

TABLE 2a. Equipment summary for a 40 acre farm with above average management, Northern Mountain Counties, 2010.

EQUIPMENT	VARIABLE COSTS							FIXED COSTS		
	ANNUAL HOURS OF USE	NUMBER	TOTAL FUEL AND VALUE	LUBRICANT	FUEL, LUBE REPAIR PER HR	REPAIR PER HR	DEPRECIATION	TAXES	TOTAL PER HOUR	
TRACTOR 40 HP	30	1	1,600	126	3	4.19	0.11	63	14	2.55
RAKE 8FT	8	1	1,550		5		0.68	155	18	22.15
BALER, PTO 2-WIRE	21	1	1,500		8		0.39	385	44	20.73
LAND PLANE 14 FT.	6	1	0		0		0.00	0	0	0.00
DISC 12 FT	11	1	0		0		0.00	0	0	0.00
PLOW 3-BOTTOM (FLIP)	21	1	0		0		0.00	0	0	0.00
BROADCAST SEEDER	8	1	0		0		0.00	0	0	0.00
SWATHER	23	1	1,300	0	19	0.00	0.81	130	15	6.27
BORDER DISC 6-DISC	2	1	750		1		0.93	100	9	70.06
DRAG	8	1	200		0		0.00	13	1	1.83
			6,700	126	37			833	100	

Table 3a. Livestock Production Parameters

NUMBER OF COWS	40
COWS PER BULL	19.5
NUMBER OF HORSES	2
REPLACEMENT RATE (%)	0.1
CALF DEATH LOSS (%)	0.03
YEARLING DEATH LOSS (%)	0.0125
COW DEATH LOSS (%)	0.01
BULL DEATH LOSS (%)	0
CALF CROP (%)	0.85
PRODUCTIVE LIFE OF BULLS	5
PERCENT SOLD AS YEARLINGS:	
HEIFERS	0
STEERS	0

Table 3b. Forage Sources for Livestock

	ACRES	AUMS/ ACRE	AUMS PROVIDED
ALFALFA	10	1	10
LEASED RANGELAND			289.0308
GRASS HAY	30	1	30
BALED HAY (TONS)		104.4123	261.0308
TOTAL	40		590.0615

Table 3c. STOCK COUNT CHART CALVES WERE BORN IN: MARCH

T21 SEASON	BULLS 1.4	REPLACEMENT COWS 1	HEIFERS 0.7	YEARLING STEERS 0.7	YEARLING HEIFERS 0.7	STEERS CALVES 0.5	HEIFER CALVES 0.5	HORSES 1.25	TOTAL AUMs REQUIRED
JANUARY	2.051282	40				0	4	2	47.37
FEBRUARY	2.051282	40				0	4	2	47.37
MARCH	2.051282	40	4					2	48.17
APRIL	2.051282	40	4					2	48.17
MAY	2.051282	40	4					2	48.17
JUNE	2.051282	40	4					2	48.17
JULY	2.051282	40	4					2	48.17
AUGUST	2.051282	40	4					2	48.17
SEPTEMB	2.051282	40	4			0		2	48.17
OCTOBER	2.051282	40				18	18	2	63.37
NOVEMBE	2.051282	40				0	4	2	47.37
DECEMBE	2.051282	40				0	4	2	47.37
									590.06

Table 3d. FORAGE BALANCE CHART

	TOTAL AUMs REQUIRED	ALFALFA	GRASS HAY	NATIVE RANGELAND	TOTAL AUMs SUPPLIED	HAY
JANUARY	47.37179	2	4.5	0.00	6.50	40.87
FEBRUAR	47.37179	2	4.5	0.00	6.50	40.87
MARCH	48.17179	0	6	0.00	6.00	42.17
APRIL	48.17179	0	6	0.00	6.00	42.17
MAY	48.17179	0	0	48.17	48.17	0.00
JUNE	48.17179	0	0	48.17	48.17	0.00
JULY	48.17179	0	0	48.17	48.17	0.00
AUGUST	48.17179	0	0	48.17	48.17	0.00
SEPTEMB	48.17179	0	0	48.17	48.17	0.00
OCTOBER	63.37179	2	0	48.17	50.17	13.20
NOVEMBE	47.37179	2	4.5	0.00	6.50	40.87
DECEMBE	47.37179	2	4.5	0.00	6.50	40.87
Total AUM	590.0615	10	30	289.03	329.03	261.03

TABLE 4. Alfalfa establishment, flood-irrigated, budgeted per acre costs and returns for a 40 acre farm with above average management, Northern Mountain Counties. Projected 2010.  
Planting dates: August 1- September 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS	TOTAL				
<u>PURCHASED INPUTS</u>								
SEED	3.75	17.00 LBS	63.75	63.75				
NITROGEN (N)	0.58	0.00 LBS	0.00	0.00				
PHOSPHATE (P2O5)	0.51	0.00 LBS	0.00	0.00				
CANAL WATER		12.00 AC. IN.						
SUBTOTAL			63.75	63.75				
<u>PREHARVEST OPERATIONS</u>								
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	40 HP	0.31 HR		2.25	2.32	0.03	0.73	5.33
PLOW	40 HP	1.31 HR		9.50	9.80	0.15	3.09	22.53
DISC (1X)	40 HP	0.31 HR		2.25	2.32	0.03	0.73	5.33
BORDER DISC	40 HP	0.05 HR		0.36	0.37	0.05	3.51	4.30
DRILL	40 HP	0.41 HR		2.97	3.07	0.05	0.97	7.05
IRRIGATE (2X)		1.00 HR		7.25				7.25
SUBTOTAL		3.39 HR		24.58	17.88	0.32	9.03	51.80
<u>OVERHEAD EXPENSES</u>								
DOWNTIME		1.20 HR		8.70				8.70
EMPLOYEE BENEFITS				4.42				4.42
INSURANCE			0.49					0.49
SUPERVISION AND MANAGEMENT				10.28				10.28
SUBTOTAL		1.20 HR	0.49	23.41				23.90
TOTAL OPERATING EXPENSES		4.59 HR	64.24	47.98	17.88	0.32	9.03	139.45

TABLE 5. Alfalfa hay, flood-irrigated, budgeted per acre costs and returns for a 40 acre farm with above average management, Northern Mountain Counties. Projected 2010.  
Harvest dates: June 10 - October 1

ITEM	PRICE	YIELD						TOTAL	
<b>GROSS RETURNS</b>									
ALFALFA HAY	140.00	1.75 TONS (STACKED)						245.00	
GRAZING	10.00	1.00 AUM						10.00	
<b>TOTAL</b>							<b>255.00</b>		
<b>PURCHASED INPUTS</b>									
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL	
NITROGEN (N)	0.58	0.00 LBS	0.00					0.00	
PHOSPHATE (P2O5)	0.51	55.00 LBS	28.05					28.05	
INSECTICIDE (CUSTOM)	0.00	0.00 ACRE	0.00					0.00	
WIRE	0.61	15.00 LBS	9.15					9.15	
ESTABLISHMENT: Principal		8.00 YEARS					17.43	17.43	
: Interest							5.96	5.96	
CANAL WATER		18.00 AC. IN.					7.00	7.00	
<b>SUBTOTAL</b>			<b>37.20</b>				<b>30.39</b>	<b>67.59</b>	
<b>PREHARVEST OPERATIONS</b>									
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL	
IRRIGATE (3X)		2.25 HR		16.31				16.31	
<b>SUBTOTAL</b>		<b>2.25 HR</b>		<b>16.31</b>				<b>16.31</b>	
<b>HARVEST OPERATIONS</b>									
MOWER (3X)	40 HP	1.35 HR		9.79	10.10	1.24	11.30	32.43	
BALER (5X)	40 HP	0.81 HR		5.87	6.06	0.40	18.01	30.35	
RAKE (3X)	40 HP	0.78 HR		5.66	5.83	0.62	18.41	30.51	
<b>SUBTOTAL</b>		<b>2.94 HR</b>		<b>21.32</b>	<b>21.99</b>	<b>2.26</b>	<b>47.72</b>	<b>93.29</b>	
<b>OVERHEAD EXPENSES</b>									
DOWNTIME		1.13 HR		8.21				8.21	
EMPLOYEE BENEFITS				3.84				3.84	
INSURANCE			0.43					0.43	
LAND TAXES							4.14	4.14	
SUPERVISION AND MANAGEMENT				9.52				9.52	
OTHER EXPENSES				76.74				76.74	
<b>SUBTOTAL</b>		<b>1.13 HR</b>		<b>77.17</b>	<b>21.56</b>			<b>4.14</b>	<b>102.87</b>
<b>TOTAL OPERATING EXPENSES</b>		<b>6.32 HR</b>		<b>114.37</b>	<b>59.19</b>	<b>21.99</b>	<b>2.26</b>	<b>82.26</b>	<b>280.07</b>
<b>NET OPERATING PROFIT</b>								<b>-25.07</b>	
INTEREST ON OPERATING CAPITAL	(	20.62	@	0.08				1.55	
INTEREST ON EQUIPMENT INVESTMENT								31.14	
<b>RETURN TO LAND AND RISK</b>								<b>-57.75</b>	
<b>BUDGET SUMMARY</b>									
GROSS RETURN		255.00							
VARIABLE OPERATING EXPENSES	138.62								
RETURN OVER VARIABLE EXPENSES		116.38	(GROSS MARGIN)						
FIXED EXPENSES	82.26								
NET FARM INCOME		34.12	(RETURN TO CAPITAL, LABOR, LAND & RISK)						
LABOR AND MANAGEMENT COST	59.19								
NET OPERATING PROFIT		-25.07	(RETURN TO CAPITAL, LAND & RISK)						
CAPITAL COSTS	32.69								
RETURN TO LAND AND RISK		-57.75							

TABLE 6. Permanent pasture establishment, flood-irrigated, budgeted per acre costs and returns for a 40 acre farm with above average management, Northern Mountain Counties. Projected 2010.  
Planting dates: May 15 - July 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL
<u>PURCHASED INPUTS</u>								
FESCUE SEED	2.85	17.00 LBS		48.45				48.45
NITROGEN	0.58	70.00 LBS		40.60				40.60
CANAL WATER		18.00 AC. IN.						
				89.05				89.05
<u>PREHARVEST OPERATIONS</u>								
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	40 HP	0.31 HR		2.25	2.32	0.03	0.73	5.33
PLOW	40 HP	1.31 HR		9.50	9.80	0.15	3.09	22.53
FERTILIZE	40 HP	0.05 HR		0.36	0.37	0.01	0.12	0.86
FLOAT	40 HP	0.32 HR		2.32	2.39	0.04	0.75	5.50
BORDER DISC	40 HP	0.00 HR		0.00	0.00	0.00	0.00	0.00
DRILL	40 HP	0.41 HR		2.97	3.07	0.05	0.97	7.05
IRRIGATE (3X)		2.25 HR		16.31				16.31
				33.71	17.95	0.27	5.66	57.59
		4.65 HR						
<u>OVERHEAD EXPENSES</u>								
DOWNTIME		1.83 HR		13.25				13.25
EMPLOYEE BENEFITS				6.07				6.07
INSURANCE			0.67					0.67
SUPERVISION AND MANAGEMENT				1.41				1.41
				20.72				21.40
		1.83 HR	0.67					
<u>TOTAL OPERATING EXPENSES</u>								
		6.48 HR	89.72	54.44	17.95	0.27	5.66	168.04

TABLE 7. Permanent pasture, flood-irrigated, budgeted per acre costs and returns for a 40 acre farm with above average management, Northern Mountain Counties. Projected 2010.  
Harvest dates: Year Round

ITEM	PRICE	YIELD						TOTAL	
<b>GROSS RETURNS</b>									
PASTURE	14.00	9.00	AUMS					126.00	
<b>TOTAL</b>								<u>126.00</u>	
<b>PURCHASED INPUTS</b>									
	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST				TOTAL	
PHOSPHATE	0.51	34	17.34					17.34	
NITROGEN	0.58	70.00	LBS 40.60					40.60	
ESTABLISHMENT: Principal		20.00	YEARS	8.40				8.40	
: Interest				7.81				7.81	
CANAL WATER		24.00	AC. IN.	7.00				7.00	
<b>SUBTOTAL</b>			<u>57.94</u>	<u>23.21</u>				<u>81.15</u>	
<b>PREHARVEST OPERATIONS</b>									
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL	
FERTILIZE	40HP	0.05		0.36	0.37	0.01	0.12	0.86	
IRRIGATE (3X)		5.00	HR	36.25				36.25	
CLEAN DITCHES	CUSTOM			5.00				5.00	
<b>SUBTOTAL</b>			<u>5.00</u>	<u>HR 5.00</u>	<u>36.61</u>	<u>0.37</u>	<u>0.01</u>	<u>0.12</u>	<u>42.11</u>
<b>OVERHEAD EXPENSES</b>									
DOWNTIME		2.51	HR	18.22				18.22	
EMPLOYEE BENEFITS				6.59				6.59	
INSURANCE				0.73				0.73	
LAND TAXES							4.14	4.14	
SUPERVISION AND MANAGEMENT				12.40				12.40	
OTHER EXPENSES				76.74				76.74	
<b>SUBTOTAL</b>			<u>2.51</u>	<u>HR</u>	<u>77.47</u>	<u>37.21</u>	<u>4.14</u>	<u>118.82</u>	
<b>TOTAL OPERATING EXPENSES</b>		<u>7.51</u>	<u>HR</u>	<u>140.41</u>	<u>73.82</u>	<u>0.37</u>	<u>0.01</u>	<u>27.47</u>	<u>242.09</u>
<b>NET OPERATING PROFIT</b>								-116.09	
INTEREST ON OPERATING CAPITAL	(	81.15	@	0.08	)			3.72	
INTEREST ON EQUIPMENT INVESTMENT								0.00	
<b>RETURN TO LAND AND RISK</b>								<u>-119.81</u>	

**BUDGET SUMMARY**

GROSS RETURN	126.00	
VARIABLE OPERATING EXPENSES	140.79	
RETURN OVER VARIABLE EXPENSES	-14.79	(GROSS MARGIN)
FIXED EXPENSES	27.47	
NET FARM INCOME	-42.27	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	73.82	
NET OPERATING PROFIT	-116.09	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	3.72	
RETURN TO LAND AND RISK	-119.81	

TABLE 8. Grass hay establishment, flood irrigated, budgeted per acre costs and returns for a 40 acre farm, with above average management, Northern Mountain Counties. Projected 2010.  
Planting dates: May 15 - July 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS		TOTAL			
<u>PURCHASED INPUTS</u>								
GRASS HAY SEED	5.00	15.00 LBS	75.00		75.00			
NITROGEN (N)	0.58	70.00 LBS	40.60		40.60			
PHOSPHATE (P205)	0.51	35.00 LBS	17.85		17.85			
CANAL WATER (MAINTENANCE)		18.00 AC. IN.			0.00			
SUBTOTAL			133.45		133.45			
<u>PREHARVEST OPERATIONS</u>								
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & OIL	REPAIRS	FIXED COST	TOTAL
PLOW	40 HP	1.31 HR		9.50	9.80	0.15	3.09	22.53
DISC (2X)	40 HP	0.62 HR		4.50	4.64	0.07	1.46	10.66
FERTILIZE	40 HP	0.05 HR		0.36	0.37	0.01	0.12	0.86
DRAG	40 HP	0.32 HR		2.32	2.39	0.04	1.32	6.07
BROADCAST SEEDER	40 HP	0.05 HR		0.36	0.37	0.01	0.12	0.86
IRRIGATE (3X)		2.25 HR		16.31				16.31
SUBTOTAL		4.60 HR		33.35	17.58	0.27	6.11	57.30
<u>OVERHEAD EXPENSES</u>								
DOWNTIME		1.73 HR		12.51				12.51
EMPLOYEE BENEFITS				6.00				6.00
INSURANCE			0.67					0.67
LAND TAXES							4.14	4.14
SUPERVISION AND MANAGEMENT				1.20				1.20
OTHER EXPENSES			76.74					76.74
SUBTOTAL		1.73 HR	77.41	19.71			4.14	101.26
<u>TOTAL OPERATING EXPENSES</u>		6.33 HR	210.86	53.06	17.58	0.27	10.25	292.01



TABLE 9. Grass hay, flood-irrigated, budgeted per acre costs and returns for a 40 acre farm with above average management, Northern Mountain Counties. Projected 2010.  
Harvest dates: August 15 - September 30

ITEM	PRICE	YIELD						TOTAL
<b>GROSS RETURNS</b>								
GRASS HAY	14.00	1.20 TONS (IN FIELD)						16.80
GRAZING	10.00	1.00 AUM						10.00
<b>TOTAL</b>							<b>26.80</b>	
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	5.00	70.00 LBS	350.00					350.00
PHOSPHATE	0.51	35.00 LBS	17.85					17.85
NITROGEN	0.58	70.00 ACRE	40.60					40.60
WIRE	0.61	10.28 LBS	6.27					6.27
CANAL WATER		30.00 AC. IN.					25.00	25.00
<b>SUBTOTAL</b>			<b>414.72</b>				<b>25.00</b>	<b>439.72</b>
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
FERTILIZE	40HP	0.05		0.36	0.12	0.12	0.12	0.72
IRRIGATE (5X)		3.75 HR		27.19	0.00	0.00	0.00	27.19
CLEAN DITCHES	CUSTOM		5.00	0.00	0.00	0.00	0.00	5.00
<b>SUBTOTAL</b>		<b>3.80 HR</b>	<b>5.00</b>	<b>27.55</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>32.90</b>
<b>HARVEST OPERATIONS</b>								
SWATHER (2X)	40 HP	0.32 HR		2.32	0.00	0.26	1.92	4.50
BALER (2X)	40 HP	0.42 HR		3.05	3.14	0.21	9.34	15.73
<b>SUBTOTAL</b>		<b>0.74 HR</b>		<b>5.37</b>	<b>3.14</b>	<b>0.47</b>	<b>11.26</b>	<b>20.24</b>
<b>OVERHEAD EXPENSES</b>								
DOWNTIME		0.29 HR		2.10				2.10
EMPLOYEE BENEFITS				0.97				0.97
INSURANCE			0.11					0.11
LAND TAXES							4.14	4.14
SUPERVISION AND MANAGEMENT				2.48				2.48
OTHER EXPENSES			76.74					76.74
<b>SUBTOTAL</b>		<b>0.29 HR</b>	<b>76.85</b>	<b>5.55</b>			<b>4.14</b>	<b>86.54</b>
<b>TOTAL OPERATING EXPENSES</b>		<b>4.83 HR</b>	<b>496.57</b>	<b>38.46</b>	<b>3.26</b>	<b>0.58</b>	<b>40.53</b>	<b>579.41</b>
<b>NET OPERATING PROFIT</b>							<b>-552.61</b>	
INTEREST ON OPERATING CAPITAL	(	207.72	@	0.08			15.58	
INTEREST ON EQUIPMENT INVESTMENT							11.26	
<b>RETURN TO LAND AND RISK</b>							<b>-579.45</b>	

**BUDGET SUMMARY**

GROSS RETURN	26.80	
VARIABLE OPERATING EXPENSES	500.42	
RETURN OVER VARIABLE EXPENSES	-473.62	(GROSS MARGIN)
FIXED EXPENSES	40.53	
NET FARM INCOME	-514.14	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	38.46	
NET OPERATING PROFIT	-552.61	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	26.84	
RETURN TO LAND AND RISK	-579.45	

Table 10. Livestock Enterprise, cost and returns for a 40 acre farm with livestock as the primary enterprise, with above average management, Northern Mountain Counties. Projected 2010.

GROSS RETURNS						
NUMBER		\$/CWT	Sale Weight (CWT)	Total (\$)	Guideline Value (\$/Cow)	Guideline Value (\$/AU)
0.00	YEARLING HEIFERS	89.00	4.85	0.00	0.00	0.00
0.00	YEARLING STEERS	98.00	5.25	0.00	0.00	0.00
13.00	HEIFER CALVES	108.00	4.20	5,896.80	147.42	119.92
17.00	STEER CALVES	114.00	4.70	9,108.60	227.72	185.24
0.00	BULLS	45.00	14.75	0.00	0.00	0.00
4.00	CULL COWS	42.00	8.85	1,486.80	37.17	30.24
560.06	MANURE	0.13	8.00	560.06	14.00	11.39
TOTAL				17,052.26	426.31	346.79
PURCHASED INPUTS						
NUMBER	PURCHASED INPUTS	Unit	\$/Unit	Total	Guideline Value (\$/Cow)	Guideline Value (\$/AU)
FORAGE:						
10.00	ALFALFA	AUM	10.00	100.00	2.50	2.03
30.00	GRASS HAY	AUM	10.00	300.00	7.50	6.10
289.03	NATIVE RANGELAND	AUM	1.35	390.19	9.75	7.94
SUBTOTAL				790.19	19.75	16.07
LABOR, FEED, LIVESTOCK:						
		Unit	\$/Unit	Total	(\$/Cow)	(\$/AU)
0.80	PROTEIN SUPPLEMENT	TON	245	196	4.90	3.99
0.32	SALT & MINERALS	TON	200.00	64.00	1.60	1.30
104.41	HAY	TON	140.00	14,617.72	365.44	297.28
0.00	GRAIN	TON	200.00	0.00	0.00	0.00
0.00	GRAIN CUBES	TON	200.00	0.00	0.00	0.00
	FUEL AND REPAIRS	ANNUAL		0.00	0.00	0.00
	VETERINARY AND MEDICINE	ANNUAL		795.00	19.88	16.17
0.00	BULLS PURCHASED	HEAD	1,300.00	0.00	0.00	0.00
	LIVESTOCK TAXES	ANNUAL		7.27	0.18	0.15
	MAINTENANCE	ANNUAL		0.00	0.00	0.00
44.00	PREGNANCY TEST	HEAD	2.00	88.00	2.00	1.79
63.20	LABOR	HOUR	5.00	316.00	7.90	6.43
34.00	BEEF CHECKOFF PROGRAM	HEAD	1.00	34.00	0.85	0.69
	MISCELLANEOUS	ANNUAL		0.00	0.00	0.00
SUBTOTAL				16,117.99	402.75	327.79
OVERHEAD EXPENSES						
	EMPLOYEE BENEFITS			0.00	0.00	0.00
	INSURANCE			0.00	0.00	0.00
	DEPRECIATION			522.50	13.06	10.63
	SUPERVISION AND MANAGEMENT			137.94	3.45	2.81
	OTHER EXPENSES			0.00	0.00	0.00
SUBTOTAL				660.44	16.51	13.43
TOTAL OPERATING EXPENSES				17,568.62	439.22	357.29
NET OPERATING PROFIT				-516.36	-12.91	-10.50
CAPITAL COST						
	INTEREST ON OPERATING CAPITAL			614.58	15.36	12.50
	INTEREST ON MACHINERY AND IMPROVEMENTS			684.38	17.11	13.92
	INTEREST ON LIVESTOCK			0.00	0.00	0.00
TOTAL CAPITAL COST				1,298.96	32.47	26.42
RETURN TO RISK				-1,815.32	-45.38	-36.92
RATE OF RETURN ON INVESTMENT				-0.01		
BUDGET SUMMARY						
GROSS RETURN				17,052.26		
VARIABLE OPERATING EXPENSES				16,908.18		
RETURN OVER VARIABLE EXPENSES					144.08	
FIXED EXPENSES				522.50		
NET FARM INCOME					-378.42	
LABOR AND MANAGEMENT COST				137.94		
NET OPERATING PROFIT					-516.36	
CAPITAL COST				1,298.96		
RETURN TO LAND AND RISK					-1,815.32	

TABLE 11. Summary of per acre costs and returns, 40 acre farm with above average management, Northern Mountain Counties.  
Projected 2010.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	GRASS HA' ESTABL.	GRASS HAY
	-----FLOOD-----			
		TONS	TONS	TONS
PRIMARY YIELD		1.75		1.20
PRIMARY PRICE		140.00		14.00
GOVERNMENT PAYMENTS		0.00		0.00
SECOND INCOME		10.00		10.00
GROSS RETURN		255.00		26.80
CASH OPERATING EXPENSES				
SEED	63.75		75.00	
FERTILIZER	0.00	28.05	58.45	0.00
CHEMICALS		0.00	0.00	
CROP INSURANCE				
OTHER PURCHASED INPUTS		9.15		6.27
CANAL WATER		7.00	0.00	25.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	17.88	21.99	17.58	3.26
FUEL-IRRIGATION				
REPAIRS	0.32	2.26	0.27	0.58
CUSTOM CHARGES	0.00			
LAND TAXES		4.14	0.00	11.26
OTHER EXPENSES	0.49	77.17	77.41	76.85
TOTAL CASH EXPENSES	82.43	149.76	228.70	123.23
RETURN OVER CASH EXPENSES	-82.43	105.24	-228.70	-96.43
FIXED EXPENSES	9.03	71.11	10.25	40.53
TOTAL EXPENSES	91.46	220.88	238.95	163.76
NET FARM INCOME	-91.46	34.12	-238.95	-136.96
LABOR AND MANAGEMENT COSTS	47.98	59.19	53.06	38.46
NET OPERATING PROFIT	-139.45	-25.07	-292.01	-175.42
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL		1.55	0.00	15.58
INTEREST ON EQUIPMENT INVESTMENT		31.14	0.00	11.26
TOTAL CAPITAL COSTS	0.00	32.69	0.00	26.84
RETURN TO LAND AND RISK	-139.45	-57.75	-292.01	-202.26

TABLE 12. Whole farm budget summary, Northern Mountain Counties.  
Projected 2010.

GROSS RETURNS		
ALFALFA HAY	10.00 ACRES	
CROP		2,450.00
GRAZING		100.00
PERMANENT PASTURE	0.00 ACRES	
GRAZING		0.00
SUDAN HAY (AOH)	0.00 ACRES	
CROP		0.00
GRAZING		0.00
GRASS HAY	30.00 ACRES	
CROP		504.00
GRAZING		300.00
LIVESTOCK		17,052.26
GROSS RETURN		20,406.26
CASH OPERATING EXPENSES		
FORAGE		790.19
LIVESTOCK FEED		16,117.99
SEED		63.75
FERTILIZER		280.50
CHEMICALS		0.00
CROP INSURANCE		0.00
OTHER PURCHASED INPUTS		279.68
CANAL WATER		820.00
FUEL, OIL & LUBRICANTS-EQUIPMENT		335.57
FUEL-IRRIGATION		0.00
REPAIRS		40.48
CUSTOM CHARGES		0.00
LAND TAXES		379.36
OTHER EXPENSES		3,077.66
TOTAL CASH EXPENSES		22,185
RETURN OVER CASH EXPENSES		-1,778.93
FIXED EXPENSES	1,761.63	
TOTAL EXPENSES		23,946.82
NET FARM INCOME		-3,540.55
LABOR AND MANAGEMENT COSTS	1,793.78	
NET OPERATING PROFIT		-5,334.33
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		482.84
INTEREST ON EQUIPMENT INVESTMENT		649.26
TOTAL CAPITAL COSTS		1,132
RETURN TO LAND AND RISK		<u>-6,466.43</u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
1,000.00 /ACRE	-7,666.43	-0.11
2,000.00 /ACRE	-8,866.43	-0.06
3,000.00 /ACRE	-10,066.43	-0.04
4,000.00 /ACRE	-11,266.43	-0.03
5,000.00 /ACRE	-12,466.43	-0.03
6,000.00 /ACRE	-13,666.43	-0.02
7,000.00 /ACRE	-14,866.43	-0.02

\* RETURN TO LAND AND RISK MINUS (INTEREST RATE TIMES LAND VALUE TIMES ACREAGE)

\*\* NET OPERATING PROFIT DIVIDED BY (MACHINERY AND EQUIPMENT VALUE PLUS LAND VALUE)