Crop Enterprise Budget

Malting Barley
Big Horn-Washakie County Area

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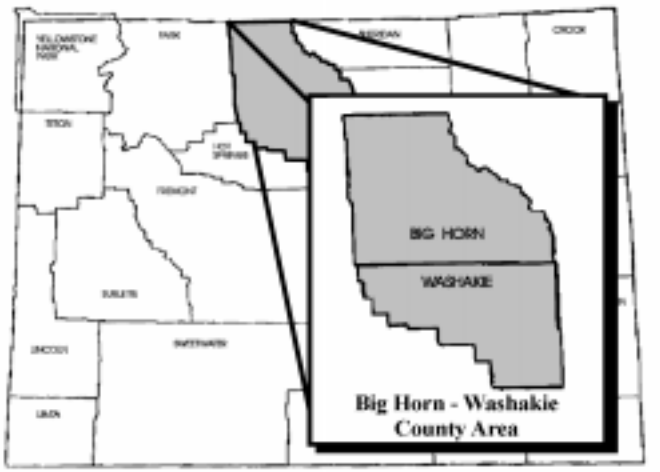
MP-100.1
University of Wyoming - August, 1997



This enterprise budget presents estimated typical costs and returns for malting barley in the Big Horn and Washakie County area of Wyoming. Data presented are not taken from an actual farm situation. A panel of Big Horn and Washakie County producers assisted in outlining the "representative" farm situation described in the budget. Thus, the budget provides a guide to determine costs and returns for specific operations. Production practices presented in the budget are not necessarily "best" management practices. The major assumptions used in this budget are presented below.

Land

This budget is based on an 880-acre farm that produces 265 acres of malting barley grown annually. Other enterprises included on this farm are: alfalfa establishment, 35 acres; alfalfa hay, 105 acres; sugar beets, 250 acres; corn for grain, 90 acres; and corn for silage, 90 acres. The remaining 80 acres include roadways, fence lines, and farmsteads. Owned land is valued at $1,000 per acre irrigated and wasteland is valued at $300 per acre.

Leased land is rented on a crop-share basis. A one-third share of gross revenue is paid to the landowner. In return, the landowner pays for one-third of the fertilizer and crop insurance for the crop and one-half the chemical cost for spring weed control. The landowner is also responsible for ownership costs associated with the land, buildings, and irrigation systems, as well as all irrigation water costs.

Labor

Labor is provided by the operator and one 12-month employee and one 8-month employee. All labor, including operator labor, is valued at $7.33 per hour plus 7.65 percent to cover social security and federal withholding taxes. Labor charges for the owner/operator represent an opportunity cost for the time spent in this enterprise. Some part-time labor may be used on the farm for labor-intensive operations such as harvest.

Capital

The operator provides 70 percent of the long-term capital and 50 percent of the operating capital for this enterprise. Thirty percent of the long-term capital is borrowed at an interest rate of 8.0 percent Annual Percentage Rate (APR). Fifty percent of the operating capital is borrowed at an interest rate of 9.0 percent APR. The interest rates used here are for short-term planning. Real interest rates (interest rates adjusted for expected inflation) should be used for accurate long-term planning.

Machinery, Equipment, and Buildings

A complete list of machinery, equipment, and buildings used in this enterprise and their associated values are provided in Table 1. All resources are assumed to be half depreciated. Estimated operating and ownership costs are given in Table 3. Tables 1 and 3 list only the resources used in this enterprise. Other resources used on the farm are not included. However, the reader should note that the resources

listed in Tables 1 and 3 also might be used in other enterprises on the farm.

Each irrigated acre on the farm is assumed to be irrigated by a fraction of the total irrigation system. Water provided by each irrigation system is broken down as follows: 25 percent concrete ditch, 37.5 percent dirt ditch, and 37.5 percent gated pipe (plastic). All irrigation water is delivered to the distribution network via a delivery system. This method was employed because crops normally will be rotated over all farmed acres eventually. Table 2 presents an estimated cost per acre-inch of providing irrigation water via each irrigation system.

Operations

Operations related to malting barley are listed in chronological order in the enterprise budget. Ground preparation, including custom fertilization, begins in early March. Planting usually is done in mid-March, and the crop is insured against weather damage or loss. After corrugating, irrigation begins in mid-May. A total of three irrigations are scheduled for the growing season. A total of 50 acre-inches of water are applied per acre of malting barley.

Harvest begins in early August. One-third of the crop is swathed, while the other two-thirds is direct cut and threshed. Once the owned grain storage is filled, the remaining barley crop is hauled to a local elevator where it is stored for an average of three and one-half months before being sold. Half the straw from the crop is baled and removed from the field, while the remaining half is disked under.

Enterprise Budget

Economic costs and returns for malting barley are summarized by operation in the enterprise budget. Costs are broken down by stage of production. General overhead and operator management have been calculated at 5 percent and 10 percent of all cash costs, respectively.

Costs and returns for the crop-share lease arrangement also are summarized in the budget. Costs paid and received by the tenant are listed in the tenant column. Items paid and received by the landowner are included in the landowner column. The far right column has been provided to calculate changes from this base budget for your operation.

Summary

Gross income for the malting barley enterprise is estimated at $336.30 per acre—$311.30 per acre from malting barley sales and $25 from barley straw. Total variable costs are estimated at $246.39 per acre, with total fixed costs at $ 160.58 per acre. The total of all costs for malting barley is estimated at $ 406.97 per acre, leaving a net projected return of ($70.67) per acre. The net projected returns for the lease arrangement are ($32.23) per acre for the landowner and ($38.44) per acre for the tenant.

Enterprise Budget
Economic Costs and Returns per Acre
Malting Barley - Big Horn-Washakie County Area
265 Acre Enterprise

RETURNS SECTION

GROSS INCOME Description	Quantity	Unit	$/Unit	Owner-Operator 100% Total	Crop-Share: Land-owner 33% Total	Crop-Share: Tenant 67% Total	Your Return
BARLEY STRAW	0.50	TON	50.00	$25.00	$8.25	$16.75	
MALTING BARLEY	110.00	BU	2.83	311.30	102.73	208.57	
Total GROSS Income				$336.30	$110.98	$225.32	

VARIABLE COSTS SECTION

VARIABLE COST Description	Dollars per Acre LABOR	MACHINERY	Materials Description	# Units Per Acre	Unit Type	$/unit	Materials Total Cost Per Acre	Crop-Share: Owner-Operator	Crop-Share: Land-owner	Crop-Share: Tenant	Your Cost
ANNUAL											
LABOR HOUSE - 8 MONTH EMPLOYEE								1.39	----	1.39	
LABOR HOUSE - FULL TIME EMPLOYEE								1.39	----	1.39	
MACHINE SHED - 20 X 40								0.13	----	0.13	
METAL SHOP - 40 X 80								0.53	----	0.53	
GRAIN BIN, 7500BU - #1								0.74	----	0.74	
GRAIN BIN, 7500BU - #2								0.74	----	0.74	
4 WHEELER - 2WD	1.22	5.73						6.95	----	6.95	
MINI PICKUP	1.02	0.61						1.63	----	1.63	
1/2 TON PICKUP - 4WD	5.92	0.98						6.90	----	6.90	
3/4 TON PICKUP - 4WD	13.22	1.73						14.95	----	14.95	
GENERAL OVERHEAD								9.60	----	9.60	
OPERATOR MANAGEMENT								19.20	----	19.20	
Total ANNUAL								$64.15	$0.00	$64.15	
PRE-PLANT FALL											
CUSTOM FERTILIZE Operation	0.00	0.00	11-52-0	0.048	TON	300.00	49.28	49.28	16.26	33.02	
			46-0-0	0.118	TON	265.00					
			CUSTOM FERTILIZE	1.000	ACRE	3.61					
FIELD CULTIVATE Operation	0.62	0.94						1.56	----	1.56	
Total PRE-PLANT FALL								$50.84	$16.26	$34.58	
PRE-PLANT SPRING											
FIELD CULTIVATE Operation	0.62	0.94						1.56	----	1.56	
HAUL BARLEY SEED Operation	0.34	0.72						1.06	----	1.06	
Total PRE-PLANT SPRING								$2.62	$0.00	$2.62	
PLANT											
PLANT BARLEY Operation	1.33	2.01	BARLEY SEED	1.200	CWT	18.60	22.32	25.66	----	25.66	
CORRUGATE Operation	0.79	0.94						1.73	----	1.73	
Total PLANT								$27.39	$0.00	$27.39	
GROW											
CROP INSURANCE BARLEY							6.99	6.99	2.31	4.68	
CUSTOM SPRAY Operation	0.00	0.00	MCPA	0.062	GAL	22.68	5.42	5.42	----	5.42	
			EXPRESS	0.001	GAL	16.68					
			CUSTOM SPRAY	1.000	ACRE	4.00					
PULL DITCHES Operation	0.17	0.23						0.40	----	0.40	
PULL ENDS Operation	0.22	0.10						0.32	----	0.32	
LAY PIPE Operation	0.80	0.19						0.99	----	0.99	
CUSTOM SPRAY Operation	0.00	0.00	AVENGE	0.075	GAL	46.90	4.32	4.32	----	4.32	
			CUSTOM SPRAY	0.200	ACRE	4.00					
DELIVERY SYSTEM	0.56	0.00	Purchased Water				3.35	3.91	3.35	0.56	
CONCRETE DITCH	0.24	0.00						0.24	----	0.24	
GATED PIPE	0.48	0.00						0.48	----	0.48	
DIRT DITCH	0.38	0.00						0.38	----	0.38	

VARIABLE COSTS SECTION

VARIABLE COST Description		Dollars per Acre LABOR	MACHINERY	Materials Description	# Units Per Acre	Unit Type	$/unit	Materials Total Cost Per Acre	Crop-Share Owner-Operator	Crop-Share Land-owner	Crop-Share Tenant	Your Cost
SPRAY WEEDS	Operation	0.00	0.00	2,4D	0.008	GAL	12.52	0.47	0.47	0.24	0.23	
				ROUNDUP	0.002	GAL	52.23					
				MALATHION	0.008	GAL	28.15					
				SPREADER	0.002	GAL	19.45					
DELIVERY SYSTEM		0.56	0.00	Purchased Water				3.35	3.91	3.35	0.56	
CONCRETE DITCH		0.24	0.00						0.24	----	0.24	
GATED PIPE		0.48	0.00						0.48	----	0.48	
DIRT DITCH		0.38	0.00						0.38	----	0.38	
DELIVERY SYSTEM		0.56	0.00	Purchased Water				3.35	3.91	3.35	0.56	
CONCRETE DITCH		0.24	0.00						0.24	----	0.24	
GATED PIPE		0.48	0.00						0.48	----	0.48	
DIRT DITCH		0.38	0.00						0.38	----	0.38	
CLOSE DITCHES	Operation	0.17	0.21						0.38	----	0.38	
PICKUP PIPE	Operation	0.80	0.19						0.99	----	0.99	
Total GROW									$35.31	$12.60	$22.71	
HARVEST												
SWATH	Operation	0.58	0.57						1.15	----	1.15	
COMBINE BARLEY	Operation	0.89	3.83						4.72	----	4.72	
COMBINE BARLEY	Operation	1.78	7.70						9.48	----	9.48	
HAUL BARLEY GRN	Operation	0.02	0.03						0.05	----	0.05	
HAUL BARLEY GRN	Operation	0.20	0.55						0.75	----	0.75	
HAUL BARLEY GRN	Operation	0.20	0.61						0.81	----	0.81	
HAUL BARLEY GRN	Operation	0.20	0.65						0.85	----	0.85	
AUGER BARLEY	Operation	1.16	0.69						1.85	----	1.85	
BALE	Operation	0.77	1.17	BALING TWINE	0.031	BOX	22.50	0.70	2.64	----	2.64	
HAUL/STACK BALES	Operation	5.42	8.63						14.05	----	14.05	
Total HARVEST									$36.35	$0.00	$36.35	
POST-HARVEST												
DISK	Operation	0.48	0.89						1.37	----	1.37	
BARLEY STORAGE								2.67	2.67	----	2.67	
BARLEY STORAGE								5.35	5.35	----	5.35	
BARLEY STORAGE								5.35	5.35	----	5.35	
BARLEY STORAGE								5.35	5.35	----	5.35	
AUGER BARLEY	Operation	1.16	0.69						1.85	----	1.85	
HAUL BARLEY GRN	Operation	0.00	0.00						0.00	----	0.00	
HAUL BARLEY GRN	Operation	0.00	0.01						0.01	----	0.01	
HAUL BARLEY GRN	Operation	0.00	0.01						0.01	----	0.01	
HAUL BARLEY GRN	Operation	0.00	0.01						0.01	----	0.01	
Total POST-HARVEST									$21.97	$0.00	$21.97	
Operating Interest								7.76	7.76	----	7.76	
Total VARIABLE COST									$246.39	$28.86	$217.53	
GROSS INCOME minus VARIABLE COST									$89.91	$82.12	$7.79	

FIXED COSTS SECTION

FIXED COST Description	Unit	Crop-Share Owner-Operator	Crop-Share Land-owner	Crop-Share Tenant	Your Cost
Machinery and Equipment:					
Taxes	Acre	2.30	----	2.30	
Insurance	Acre	3.40	----	3.40	
Long Term Interest	Acre	20.25	----	20.25	
Depreciation	Acre	20.28	----	20.28	
Buildings and Improvements:					
Taxes	Acre	0.89	0.89	----	
Insurance	Acre	0.52	0.52	----	
Long Term Interest	Acre	9.21	9.21	----	
Depreciation	Acre	6.82	6.82	----	
Irrigation:					
Taxes	Acre	0.47	0.47	----	
Insurance	Acre	0.39	0.39	----	
Long Term Interest	Acre	6.58	6.58	----	
Depreciation	Acre	7.23	7.23	----	

FIXED COSTS SECTION

FIXED COST Description	Unit	Owner-Operator	Crop-Share: Land-owner	Crop-Share: Tenant	Your Cost
Land:					
Taxes	Acre	7.76	7.76	----	
Long Term Interest	Acre	74.47	74.47	----	
Total FIXED Cost		$160.58	$114.35	$46.23	
Total of ALL Cost		$406.97	$143.21	$263.76	
NET PROJECTED RETURNS		($70.67)	($32.23)	($38.44)	

TABLE 1. Machinery, Equipment, and Building Value and Use Assumptions

Resource Name		Current List Price	Current Market Value	Salvage Value	Total Defined Annual Use	Useful Life	Remaining Life
100HP TRACTOR	2WD	$41,730	$23,542	$5,354	285 Hours	5,700 Hours	2,850 Hours
125HP TRACTOR	MFD	$50,582	$28,536	$6,490	475 Hours	9,500 Hours	4,750 Hours
150HP TRACTOR	4WD	$60,445	$34,100	$7,756	378 Hours	7,560 Hours	3,780 Hours
200HP TRACTOR	MFD	$77,681	$43,824	$9,967	380 Hours	7,600 Hours	3,800 Hours
4 WHEELER	2WD	$5,900	$3,094	$287	500 Hours	10,000 Hours	5,000 Hours
60HP TRACTOR	2WD	$20,349	$11,480	$2,611	246 Hours	4,920 Hours	2,460 Hours
15FT SWATHER	5.0 A/HR	$39,361	$20,775	$2,188	81 Hours	1,620 Hours	810 Hours
200BU COMBINE		$93,245	$49,215	$5,184	119 Hours	2,380 Hours	1,190 Hours
20FT DIRECT CUT HEADER		$4,951	$2,613	$275	36 Hours	720 Hours	360 Hours
CORRUGATOR	12 ROW	$2,093	$1,101	$109	37 Hours	740 Hours	370 Hours
DISK	20 FT	$9,130	$4,803	$476	15 Hours	300 Hours	150 Hours
DITCHER, 3 POINT	V-BLADE	$2,134	$1,123	$111	26 Hours	520 Hours	260 Hours
END PULLER	3 ROW	$1,001	$527	$52	18 Hours	360 Hours	180 Hours
FIELD CULTIVATOR	20 FT	$4,820	$2,536	$251	56 Hours	1,120 Hours	560 Hours
FRONT END LOADER	2 TON	$6,885	$3,622	$359	414 Hours	8,280 Hours	4,140 Hours
GRAIN AUGER, PTO	45 X 8	$2,164	$1,138	$113	71 Hours	1,420 Hours	710 Hours
GRAIN DRILL	15 FT	$9,148	$4,812	$477	51 Hours	1,020 Hours	510 Hours
PICKUP HEADER		$3,130	$1,652	$174	18 Hours	360 Hours	180 Hours
PIPE TRAILER		$1,631	$858	$85	158 Hours	3,160 Hours	1,580 Hours
PTO TWINE BALER ROUND		$13,217	$6,930	$643	107 Hours	2,140 Hours	1,070 Hours
SPRAYER, 3 POINT	28 FT	$2,812	$1,532	$252	10 Hours	150 Hours	75 Hours
TERRACE BLADE	8 FT	$1,171	$616	$61	29 Hours	580 Hours	290 Hours
1/2 TON PICKUP	4WD	$15,882	$8,754	$1,626	8,000 Mile	120,000 Mile	60,000 Mile
2 TON TRUCK		$13,967	$7,194	$422	2,067 Mile	51,675 Mile	25,838 Mile
3/4 TON PICKUP	4WD	$15,385	$8,480	$1,575	15,000 Mile	150,000 Mile	75,000 Mile
MINI PICKUP		$8,482	$4,675	$869	8,000 Mile	120,000 Mile	60,000 Mile
TANDEM TRUCK	#1	$21,163	$10,901	$639	1,899 Mile	47,475 Mile	23,738 Mile
TANDEM TRUCK	#2	$21,163	$10,901	$639	1,699 Mile	42,475 Mile	21,238 Mile
TANDEM TRUCK	#3	$21,163	$10,901	$639	1,559 Mile	38,975 Mile	19,488 Mile
CONCRETE DITCH		$37,736	$19,177	$619	9,971 AcIn	299,130 AcIn	149,565 AcIn
DELIVERY SYSTEM		$77,588	$39,430	$1,272	39,958 AcIn	1,198,740 AcIn	599,370 AcIn
DIRT DITCH		$20,419	$10,377	$335	14,952 AcIn	448,560 AcIn	224,280 AcIn
GATED PIPE		$10,481	$5,777	$1,073	14,952 AcIn	299,040 AcIn	149,520 AcIn
GRAIN BIN,7500BU	#1		$5,720	$1,144		30 Years	15 Years
GRAIN BIN,7500BU	#2		$5,720	$1,144		30 Years	15 Years
LABOR HOUSE	#1		$22,881	$2,288		30 Years	15 Years
LABOR HOUSE	#2		$38,136	$3,814		30 Years	15 Years
MACHINE SHED	20 X 40		$3,148	$315		30 Years	15 Years
METAL SHOP	40 X 80		$61,017	$6,102		30 Years	15 Years

TABLE 2. Irrigation System Costs per Acre-Inch Delivered

	Concrete Ditch *	Dirt Ditch*	Gated Pipe*
Variable Costs			
Repair and Maintenance (Off-Farm)	$0.0128	$0.0253	$0.0165
Owner Operation Labor	0.0107	0.0107	0.0252
Purchased Water	0.0500	0.0751	0.0751
Fixed Costs			
Taxes	0.0039	0.0032	0.0023
Interest on Investment	0.0541	0.0442	0.0326
Depreciation	0.0628	0.0547	0.0262
Insurance	0.0032	0.0027	0.0019
Total Cost per Acre-Inch of Irrigation Water Delivered	$0.1975	$0.2159	$0.1798

* Each distribution system is assumed to receive irrigation water from a central delivery system. This delivery system (buried pipeline, concrete ditch, moss catchers, and tail ditch) has been allocated to each of the distribution systems according to its share of the total irrigation water applied.

TABLE 3. Machinery, Equipment, and Building Cost Calculations

Machine/Vehicle		Unit	RESOURCE COST PER UNIT OF USE: Variable: Fuel and Lube	Variable: Operation Labor & Inputs	Variable: Repair and Maint.	Fixed: Hourly Lease	Fixed: Deprec. and Interest	Fixed: Taxes and Insurance	TOTAL COST	ENTERPRISE: Resource Use per Acre	Costs per Acre: Variable	Costs per Acre: Fixed	Costs per Acre: TOTAL
100HP TRACTOR	2WD	$/Hr	$5.63	$0.00	$2.50	$0.00	$7.25	$0.80	$16.18	0.5299	$4.31	$4.27	$8.58
125HP TRACTOR	MFD	$/Hr	7.04	0.00	5.05	0.00	5.27	0.58	17.94	0.6250	7.56	3.66	11.22
150HP TRACTOR	4WD	$/Hr	8.45	0.00	4.80	0.00	7.91	0.88	22.04	0.2893	3.83	2.54	6.37
200HP TRACTOR	MFD	$/Hr	11.27	0.00	6.20	0.00	10.12	1.12	28.71	0.0400	0.70	0.45	1.15
4 WHEELER	2WD	$/Hr	24.14	0.00	5.17	0.00	0.85	0.07	30.23	0.2377	6.97	0.22	7.19
60HP TRACTOR	2WD	$/Hr	3.38	0.00	1.05	0.00	4.09	0.45	8.97	0.1250	0.55	0.57	1.12
15FT SWATHER	5.0 A/HR	$/Hr	4.56	0.00	4.02	0.00	22.81	2.49	33.88	0.0667	0.57	1.69	2.26
200BU COMBINE		$/Hr	12.37	0.00	18.64	0.00	36.79	4.02	71.82	0.3333	10.34	13.60	23.94
20FT DIRECT CUT	HEADER	$/Hr	0.00	0.00	0.30	0.00	23.37	2.53	26.20	0.1333	0.04	3.45	3.49
CORRUGATOR	12 ROW	$/Hr	0.00	0.00	0.36	0.00	2.65	0.29	3.30	0.0909	0.03	0.27	0.30
DISK	20 FT	$/Hr	0.00	0.00	0.77	0.00	28.50	3.11	32.38	0.0556	0.04	1.76	1.80
DITCHER, 3 POINT	V-BLADE	$/Hr	0.00	0.00	0.53	0.00	3.84	0.42	4.79	0.0200	0.01	0.09	0.10
END PULLER	3 ROW	$/Hr	0.00	0.00	0.08	0.00	2.61	0.28	2.97	0.0250	0.00	0.07	0.07
FIELD CULTIVATOR	20 FT	$/Hr	0.00	0.00	1.64	0.00	4.03	0.44	6.11	0.1428	0.23	0.64	0.87
FRONT END LOADER	2 TON	$/Hr	0.00	0.00	3.99	0.00	0.78	0.09	4.86	0.6250	2.49	0.54	3.03
GRAIN AUGER, PTO	45 X 8	$/Hr	0.00	0.00	0.71	0.00	1.43	0.16	2.30	0.2666	0.19	0.42	0.61
GRAIN DRILL	15 FT	$/Hr	0.00	0.00	5.29	0.00	6.30	0.69	12.28	0.1667	0.88	1.17	2.05
PICKUP HEADER		$/Hr	0.00	0.00	0.10	0.00	8.16	0.89	9.15	0.0667	0.01	0.60	0.61
PIPE TRAILER		$/Hr	0.00	0.00	1.01	0.00	0.47	0.05	1.53	0.1000	0.10	0.05	0.15
PTO TWINE BALER	ROUND	$/Hr	0.00	0.00	6.01	0.00	5.77	0.63	12.41	0.0962	0.58	0.62	1.20
SPRAYER, 3 POINT	28 FT	$/Hr	0.00	0.00	0.70	0.00	15.67	1.49	17.86	0.0004	0.00	0.01	0.01
TERRACE BLADE	8 FT	$/Hr	0.00	0.00	0.31	0.00	1.89	0.21	2.41	0.0200	0.01	0.04	0.05
1/2 TON PICKUP	4WD	$/Mi	0.08	0.00	0.13	0.00	0.21	0.05	0.47	4.5283	0.95	1.18	2.13
2 TON TRUCK		$/Mi	0.12	0.00	0.28	0.00	0.54	0.17	1.11	2.0813	0.83	1.48	2.31
3/4 TON PICKUP	4WD	$/Mi	0.10	0.00	0.10	0.00	0.14	0.03	0.37	8.4906	1.70	1.44	3.14
MINI PICKUP		$/Mi	0.06	0.00	0.07	0.00	0.11	0.03	0.27	4.5283	0.59	0.63	1.22
TANDEM TRUCK	#1	$/Mi	0.10	0.00	0.45	0.00	0.89	0.28	1.72	1.7698	0.97	2.07	3.04
TANDEM TRUCK	#2	$/Mi	0.10	0.00	0.51	0.00	0.99	0.31	1.91	1.0151	0.62	1.32	1.94
TANDEM TRUCK	#3	$/Mi	0.10	0.00	0.55	0.00	1.08	0.34	2.07	1.0151	0.66	1.44	2.10
CONCRETE DITCH		$/Ac-In	0.00	0.04	0.02	0.00	0.36	0.02	0.44	12.5400	0.75	4.77	5.52
DELIVERY SYSTEM		$/Ac-In	0.00	0.20	0.03	0.00	0.11	0.00	0.34	50.1900	11.54	5.52	17.06
DIRT DITCH		$/Ac-In	0.00	0.03	0.03	0.00	0.16	0.00	0.22	18.8100	1.13	3.01	4.14
GATED PIPE		$/Ac-In	0.00	0.07	0.01	0.00	0.05	0.00	0.13	18.8100	1.50	0.94	2.44
GRAIN BIN,7500BU	#1	$/Year	60.00	87.24	50.00	0.00	750.46	68.31	1,016.01	0.0038	0.74	3.09	3.83
GRAIN BIN,7500BU	#2	$/Year	60.00	87.24	50.00	0.00	750.46	68.31	1,016.01	0.0038	0.74	3.09	3.83
LABOR HOUSE	#1	$/Year	1,200.00	145.40	1,000.00	0.00	3,148.42	273.22	5,767.04	0.0011	2.67	3.89	6.56
LABOR HOUSE	#2	$/Year	1,200.00	145.40	1,000.00	0.00	5,247.51	455.39	8,048.30	0.0011	2.67	6.48	9.15
MACHINE SHED	20 X 40	$/Year	100.00	36.35	100.00	0.00	433.16	37.59	707.10	0.0011	0.27	0.53	0.80
METAL SHOP	40 X 80	$/Year	720.00	87.24	100.00	0.00	8,395.94	728.61	10,031.79	0.0011	1.03	10.37	11.40

Cooperative Extension Service
UNIVERSITY OF WYOMING
College of Agriculture

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Glen Whipple, Director, Cooperative Extension Service, University of Wyoming, Laramie, WY 82071-3354.