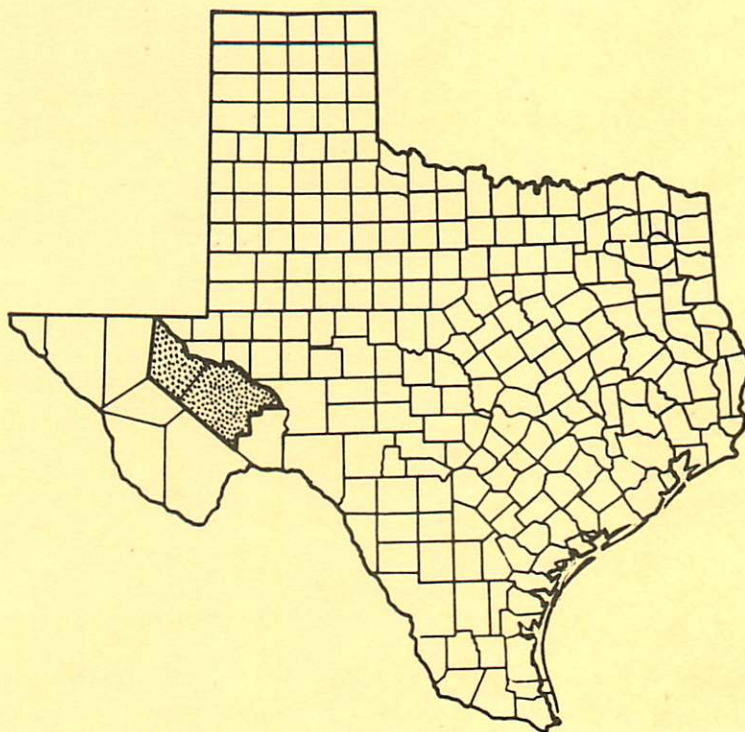




TEXAS TRANS PECOS

FOREWORD

The enterprise budgets for Texas Trans Pecos Region are based on estimates of yields, production input quantities, and production practices which represent the best judgment of local producers, county Extension agents-agriculture, financial institution representatives, farm machinery dealers and others knowledgeable of the area. Variation in yields, production inputs and production practices should be expected for particular farms.

Budgets for all major crops produced in the area are included for two levels of management, when applicable. Crop yields are directly related to levels of management. These differences are due largely to timing of operational practices which may not be evident in the budgets.

The machinery inventory is applicable to both

typical and high level management. In some budgets custom rates, primarily harvesting, were used in lieu of the assumption that harvesting equipment was owned.

Budgets for establishing permanent type pasture grasses were prepared and used for prorating establishment costs in the respective pasture and hay budgets. Forage crops include expenses only because it is expected that the income will be derived from livestock enterprises.

Land charges were based on the customary landlord's crop share less his proportionate share of certain production and harvesting inputs. A per acre land charge was made using a fair market value times an interest rate when crop share was not used.

UPLAND COTTON, IRRIGATED, TRANS PECOS REGION
PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	476.00	LB.	0.70	333.20	-----
COTTONSEED	0.38	TON	100.00	38.00	-----
TOTAL PROJECTED RETURNS				\$ 371.20	\$ -----
2. VARIABLE COSTS					
PREHARVEST COSTS					
SD COTTON--UPLAND	25.00	LB.	0.35	8.75	-----
HERBICIDE	1.00	APPL	7.00	7.00	-----
INSECTICIDE	4.00	APPL	6.00	24.00	-----
OTHER INS. CONTR	1.00	ACRE	3.50	3.50	-----
MISCELLANEOUS	1.00	ACRE	10.00	10.00	-----
IRRIGATION WATER	25.00	ACIN			-----
FUEL & LUBE--TRACTOR		ACRE		12.52	-----
EQUIPMENT		ACRE		6.24	-----
IRRIGATION		ACRE		20.75	-----
REPAIRS-----TRACTOR		ACRE		5.84	-----
EQUIPMENT		ACRE		14.81	-----
IRRIGATION		ACRE		4.25	-----
LABOR-----MACHINERY	4.75	HOUR	4.50	21.39	-----
IRRIGATION	25.00	HOUR	3.50	87.50	-----
OPERATING CAPITAL	42.24	DOL.	0.14	5.91	-----
SUBTOTAL, PREHARVEST		ACRE		\$ 232.45	\$ -----
HARVEST COSTS					
TRANSPORT MODULE	0.99	BALE	3.00	2.97	-----
GIN, BAG, TIES	0.99	BALE	48.00	47.52	-----
DESICCANT	0.40	ACRE	7.00	2.80	-----
SUBTOTAL, HARVEST		ACRE		\$ 53.29	\$ -----
TOTAL VARIABLE COSTS		ACRE		\$ 285.74	\$ -----
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 85.46	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.07	-----
EQUIPMENT		ACRE		48.65	-----
IRRIGATION		ACRE		9.00	-----
LAND (NET SHARE-RENT)		ACRE		20.00	-----
TOTAL FIXED COSTS		ACRE		\$ 91.72	\$ -----
5. TOTAL PROJECTED COSTS		ACRE		\$ 377.46	\$ -----
6. NET PROJECTED RETURNS		ACRE		\$ -6.26	\$ -----

PLANTED SOLID. LAND CHARGE EQUALS 1. PLANTED SOLID. LAND CHARGE EQUALS
\$200/ACRE AT 10%

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDELINE AND IS NOT
INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE
PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED
AND/OR DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION
SERVICE AND APPROVED FOR PUBLICATION.

UPLAND COTTON, IRRIGATED, TRANS PECOS REGION
PROJECTED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP.	FIXED COSTS
						PER ACRE	PER ACRE
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.33	0.25
SHREDDER 4R	3.57	JAN	1.00	0.205	0.155	1.74	2.05
OFFSET DISC	3.43	JAN	1.00	0.104	0.079	1.08	1.73
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.33	0.25
CHISEL	3.44	FEB	0.30	0.039	0.030	0.37	0.40
MOLDBOARD 6B	3.47	FEB	0.70	0.265	0.201	2.37	3.38
OFFSET DISC	3.43	FEB	1.00	0.104	0.079	1.08	1.73
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.33	0.25
LISTER 12R	3.72	MAR	1.00	0.076	0.057	0.61	3.06
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.33	0.25
LISTER 12R	3.72	APR	1.00	0.076	0.057	0.61	3.06
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.33	0.25
LISTER 12R	3.72	MAY	0.50	0.038	0.029	0.31	1.53
PLANTER 12R	3.74	MAY	1.00	0.113	0.086	0.98	2.04
ROLLING CULT	3.31	MAY	0.30	0.044	0.033	0.39	0.41
CULTIVATOR	3.78	MAY	1.00	0.104	0.079	0.85	1.12
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.33	0.25
PLANTER 12R	3.74	JUNE	0.20	0.023	0.017	0.20	0.41
CULTIVATOR	3.78	JUNE	2.00	0.207	0.157	1.69	2.25
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.33	0.25
CULTIVATOR	3.78	JULY	1.00	0.104	0.079	0.85	1.12
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.33	0.25
CULTIVATOR	3.78	AUG	1.00	0.104	0.079	0.85	1.12
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.33	0.25
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.33	0.25
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.33	0.25
COTTON STRIPR SP	14	NOV	1.00	0.833	0.666	12.04	18.07
MODULE BUILDER	3.80	NOV	1.00	0.407	0.309	5.04	10.19
COTTON TRAILERS	3.81	NOV	1.00	0.407	0.309	4.44	6.05
PICKUP 1/2 TON	10	NOV	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.33</u>	<u>0.25</u>
TOTALS				4.752	3.699	39.41	62.72

1	MILK	CWT.	11.00	51	FLAX			101	SALT	CWT.	
2	CREAM			52	SUNFLOWER			102	MINERALS	CWT.	
3	WOOL	LB.	1.00	53	SAFFLOWER			103	SALT & MIN.	LB.	0.10
4	EGGS	DOZ.		54	SUGAR BEETS			104	BONE MEAL	CWT.	
5	STOCKER	CWT.	100.00	55	BEANS			105	CREEP FEED	CWT.	
6	STOCKER STEERS	CWT.	0.10	56				106	GROWTH STIMULANT	CWT.	
7	STOCKER HEIFERS	CWT.	95.00	57				107	COTTONSEED CAKE	LB.	0.07
8	FEEDER STEERS	CWT.	90.00	58				108	SUPPLEMENT	CWT.	
9	FEEDER HEIFERS	CWT.	85.00	59				109	RANGE SUPPLEMENT	CWT.	
10	FEEDER CALVES	CWT.	87.50	60				110	RANGE CUBES	LB.	0.09
11	SLAUGHTER STEERS	LB.	0.10	61	BROILERS	LB.		111	CONCENTRATES	CWT.	
12	SLAUGHTER HEIFER	CWT.	74.00	62	LAYERS	LB.		112	PROT. SUPPLEMENT	LB.	0.10
13	STEER CALVES	CWT.	100.00	63	DUCKS	LB.		113	13-14% PRO FEED	CWT.	
14	HEIFER CALVES	CWT.	90.00	64	TURKEYS	LB.		114	15-16% PRO FEED	CWT.	
15	BREEDING HEIFERS	HEAD	700.00	65				115	SUPPLEMENT. 20%	CWT.	
16	DEATH LOSS 3%	DOL.	1.00	66				116	21-25% PRO FEED	CWT.	
17	CULL COWS	CWT.	50.00	67		BU.		117	26-30% PRO FEED	CWT.	
18	BULL	CWT.	72.00	68		BU.		118	31-35% PRO FEED	CWT.	
19	CALVES	CWT.	110.00	69		LB.		119	36-40% PRO FEED	CWT.	
20	BULL CALVES	HEAD	100.00	70	COTTON-UPLAND	LB.		120	41-45% PRO FEED	CWT.	
21	CULL DAIRY COWS	CWT.	48.00	71	COTTON-PIMA	BU.		121	46-50% PRO FEED		
22	DAIRY BULL CALVE	HEAD	100.00	72	CORN	BU.	2.39	122	MILK REPLACER	CWT.	
23	KID MOHAIR	LB.		73	GRAIN SORGHUM	CWT.	3.83	123	GRAIN MIX	CWT.	
24	ADULT MOHAIR	LB.		74	OATS	BU.		124	CALF FEED	CWT.	
25	KID GOATS	HEAD		75	RYE	BU.		125	DAIRY SUPPLEMENT	CWT.	
26	DOES	LB.		76	WHEAT	BU.		126	SOYBEAN MEAL	CWT.	
27				77	TRITICALE	BU.		127	GROWING RATION	CWT.	
28	DEER LEASE	ACRE		78	RICE	CWT.		128	FATTENING RATION	CWT.	
29	FEEDER LAMBS	LB.	0.69	79	WINTER WHEAT			129	FINISHING RATION	CWT.	
30	SHEEP	HEAD	80.00	80	SPRING WHEAT	LB.		130	TOT. DIG. NUT.		
31	LAMBS	LB.	0.70	81	ALFALFA HAY	TON		131	DIG. PROTEIN		
32	EWE LAMBS	HEAD	80.00	82				132	DRY MATTER	CWT.	
33	SLAUGHTER LAMBS	LB.	0.70	83	BERMUDA	ACRE		133	AUM'S	DOL.	
34				84	WHEAT&RYE GRASS	ACRE		134			
35	EWES	LB.		85	NATIVE GRASS	ACRE		135	SOW FEED GEST.	CWT.	
36	CULL EWES	LB.	0.20	86				136	SOW FEED LACT.	CWT.	
37	RAMS	HEAD		87	SORGHUM FORAGES	ACRE		137	BOAR FEED	CWT.	
38				88	FOR. SORGHUM HAY	TON		138	PIG STARTER	CWT.	
39	MUTTON SHEEP	LB.	0.20	89	SUGAR BEETS	TON		139			
40				90	TOBACCO	LB.		140			
41	RAISING HERD REP	HEAD		91	POTATOES	CWT.		141			
42	SLAUGHTER HOGS	CWT.	50.00	92	GUAR			142			
43	MARKET HOGS	CWT.	50.00	93	COTTON LINT	LB.	0.70	143			
44	GILT	HEAD		94	COTTONSEED	TON	100.00	144			
45	SOWS	HEAD		95	PEANUTS			145	RANGE IMPROV	ACRE	1.00
46	CULL SOWS	CWT.	36.00	96	PECANS			146	DEATH LOSS	DOL.	
47				97	PEACHES WHSLE			147	DEATH LOSS PIGS	DOL.	
48	DEATH LOSS 2%	DOL.		98	SOYBEANS			148	DEATH LOSS STOC.	DOL.	
49	FEEDER PIGS	HEAD	112.50	99	SOUTHERN PEAS SD			149	BREEDING	HEAD	
50	CARCASS	CWT.		100				150	COASTAL PASTURE		

LISTING OF THE NAME SET AND PRICE VECTOR

REGION NUMBER: 8

DATE: 101380

151	PASTURE	ACRE	---	201	---	251	2-4-D	---	---	---
152	SM. GR. PASTURE	ACRE	---	202	---	252	BROAD LEAF HERB	---	---	---
153	PASTURE, TAME	ACRE	---	203	---	253	GRASS KILLER	---	---	---
154	PASTURE, NATIVE	ACRE	---	204	---	254	PRE-MERGE HERB	---	---	---
155	SORGHUM PASTURE	ACRE	---	205	FERT (N) APPL'D	255	SOIL STERILANT	---	---	---
156	COASTAL-RG-CL	ACRE	---	206	FERT (P) APPL'D	256	DEFOLIANT	---	---	---
157	COASTAL RYEGRASS	ACRE	---	207	TOP DRESS FERT.	257	POST EMERGE HERB	---	---	---
158	COMMON LEGUME	ACRE	---	208	SIDE DRESS FERT.	258	BANDED HERBICIDE	---	---	---
159	COASTAL LEGUME	ACRE	---	209	PLow DOWN FERT.	259	BROADCAST HERB.	---	---	---
160	RYEGRASS-CLOVER	ACRE	---	210	FERTILIZER	260	CHEMICALS	---	---	---
161	CORN SILAGE	TON	---	211	NITROGEN	261	FUMIGANT	---	---	---
162	GRASS SILAGE	TON	---	212	NITROGEN (DRY)	262	SEED TREATMENT	---	---	---
163	SORGHUM SILAGE	TON	---	213	NITROGEN (ANHY)	263	RODENT CONTROL	---	---	---
164	HAYLAGE	TON	---	214	NITROGEN (LIQ)	264	NEMATODE CONTROL	---	---	---
165	SM GRAIN STUBBLE	ACRE	---	215	PHOSPHATE	265	DESICCANT	ACRE	7.00	---
166	CORN STALKS	TON	---	216	PHOSPHORUS	266	PRESERVATIVE	---	---	---
167	CROP RESIDUE	ACRE	---	217	MIXED FERT.	267	CUS HARV SOYBEAN	---	---	---
168	STRAW	TON	---	218	INSECTICIDE	268	CUS HARV WHEAT I	---	---	---
169	WET CORN	BU.	---	219	HERBICIDE	269	CUST HARV WHEAT	---	---	---
170	HAY	TON	---	220	POTASH	270	CUST HARV SORG D	---	---	---
171	LEGUME HAY	TON	---	221	POTASSIUM	271	CUST HARV SORG I	---	---	---
172	GRASS HAY	TON	---	222	---	272	CUST HARV CORN	---	---	---
173	MIXED HAY	TON	---	223	---	273	SUGAR BEETS HARV	---	---	---
174	NATIVE HAY	TON	---	224	---	274	CUSTOM HAUL	---	---	---
175	SORGHUM HAY	TON	---	225	---	275	CUSTOM HARVCHAUL	---	---	---
176	HAY (PROD.COST)	DOL.	---	226	---	276	STRIP & HAUL	---	---	---
177	RANGE IMPROVEMEN	DOL.	---	227	FOLIAR FEED	277	HAUL,COMP.EDUC.	---	---	---
178	IMPROVED PASTURE	ACRE	---	228	---	278	COTTON GINNING	---	---	---
179	WHEAT PASTURE	ACRE	---	229	---	279	HAUL,GIN,B&T	---	---	---
180	SEED	LB.	---	230	LINE&GYPSUM	280	BAGS,TAGS,ETC.	---	---	---
181	SEED WHEAT	BU.	---	231	LINE	281	HAUL, COMP&EDUC	---	---	---
182	GRASS SEED	LB.	---	232	GYPSUM	282	GIN, BAG, TIES	BALE	48.00	---
183	SUGAR BEET SEED	---	---	233	---	283	HAUL GRAIN SORG	---	---	---
184	SEED CORN/GRAIN	---	---	234	---	284	HAUL WHEAT	---	---	---
185	SEED CORN/SILAGE	---	---	235	SOIL TEST	285	HAUL CORN	---	---	---
186	GRAIN SORG. SEED	---	---	236	SOIL FUNGICIDE	286	CUS HARV S. PEAS	---	---	---
187	FORAGE SORG SEED	---	---	237	FOLIAR FUNGICIDE	287	HAUL S. PEAS	---	---	---
188	ALFALFA SEED	LB.	---	238	INSECT. & FUNGI.	288	HAUL GUAR	---	---	---
189	SOYBEAN SEED	---	---	239	FUNGICIDE	289	CUS HARV GUAR	---	---	---
190	RYEGRASS SEED	---	---	240	INSECTICIDE	290	SEED COTTON-PIMA	---	---	---
191	COTTON DELINTED	---	---	241	---	291	SD COTTON-UPLAND	LB.	0.35	---
192	---	---	---	242	METHOXYCHLOR	292	HARV.&HAUL PIMA	---	---	---
193	COTTONSEED	TON	100.00	243	MALATHION	293	HARV&HAUL UPLAND	---	---	---
194	SOUTHERN PEAS	---	---	244	PARATHION	294	GIN,BAG,TIE-PIMA	---	---	---
195	GUAR SEED	---	---	245	INSECT. - EARLY	295	GIN,BAG,T UPLAND	---	---	---
196	COSTAL HAY	---	---	246	INSECT. - LATE	296	---	---	---	---
197	SPRING WHEAT SD.	---	---	247	---	297	---	---	---	---
198	WINTER WHEAT SD.	---	---	248	HERB, PREMERGE	298	---	---	---	---
199	POTATOE SEED	---	---	249	HERB, POSTEMERGE	299	PEAR BURNING	---	---	---
200	SEED	---	---	250	HERBICIDE	300	MACHINE HIRE	---	---	---

301	CAR RENTAL				351	WEIGHING			401			
302	TRUCK RENTAL				352	CUSTOM GRINDING			402			
303	TRACTOR RENTAL				353	GRINDING&MIXING			403			
304	TRUCKING				354	CUSTOM B F ANDING			404			
305	EARTH MOVING				355				405			
306	DITCHING				356				406			
307	DIGGING				357				407			
308	LAND PREPARATION				358	OTHER IRIG LABOR			408			
309	DEEP BREAK				359	IRRIG. LABOR			409	VET & PROCESSING		
310	HIRE TILL. EQUIP				360	HAND HARVEST			410	VET MEDICINE	DOL.	5.00
311	HIRE PLANT EQUIP				361	THINNING			411	VET SERVICE		
312	HIRE HARV EQUIP				362	PRUNING			412	MEDICINE		
313	HIRE HAYING EQUI				363	HOEING			413	SHEARING		
314	HIRE LIVSTKEQUIP				364				414			
315					365				415			
316	HIRE SILAG EQUIP				366				416	VET MED & IMP.		
317	AERIAL SEEDING				367				417	BALER TWINE		
318	CUSTOM PLANT				368				418	BALER WIRE		
319	CUSTOM DRYING				369	PEACH TREES			419	STICKS		
320	CUSTOM COMBINING				370	TREE WRAP		0.56	420			
321	CUST COMB & HAUL				371	GROVE CARE CHG.			421			
322	CUSTOM HAULING				372	TREE REPLACEMENT			422	LP GAS		
323	GRAIN HAULING				373				423			5.33
324	CORN DRYING				374				424			
325	GRAIN DRYING				375				425			
326	CUSTOM SWATHING				376				426			
327	STORAGE				377				427			3.40
328	CUST COTTON PICK				378				428			
329	FUNGICIDE APPLI.				379	PROCESSE&MARKET			429			
330	FERTILIZER APPLI				380	HARV.PACK.MARKET			430	FUEL FOR HEATING		
331	PESTICIDE APPLI.				381	CUSTOM HARVEST			431	FUEL FOR DRYING		
332	HERBICIDE APPLI.				382	CUSTOM PACKING			432	DRYING		
333	INSECT. APPLI.	APPL	2.50		383	MARKETING			433	STORAGE		
334	HIRE FERT SPREAD				384	ICING			434	FARM STORAGE		
335	DEFOLIANT APPLI.				385	PACK & CONTAINER			435	COMM. STORAGE		
336	SCOUTING				386	PACK & COOL			436	WAREHOUSING		
337	CUSTOM SPRIGGING				387				437			
338	SWATH BALE HAUL				388				438	COLS STORAGE		
339	MOW,RAKE,BALE				389				439			
340	CUSTOM BALING				390				440	BROKERAGE		
341	CUSTOM BALE HAUL				391	HARVEST & MARKET			441	GIN,BAG, TIES		
342	CUSTOM MOWING				392	MARKETING	LIVE	DOL. 1.00	442	CLEANING		
343	CUSTOM RAKING				393	MISC EXPENSE	LIVE	DOL. 1.00	443	CONTAINERS		
344	CUSTOM STAKING				394	REPAIRS & MAINT.	LIVE	DOL. 1.00	444	PACKING		
345	HAUL & STACK				395	FENCE REPAIR			445	TAXES		
346	STACK MOVING				396	WATER FACIL REPR			446	REAL ESTATE TAX		
347	HAYING&STACKING				397	BARN REPAIR			447	PERSONAL TAXES		
348					398	CORRAL REPAIR			448	LICENSES		
349					399	MGMT RECORDS			449	PERMITS		
350	HAULING&MKTG				400	MISC EXPENSE		DOL. 1.00	450	INSUR. PREMIUMS		

DATE: 101380

451	HAIL INSURANCE					501	HERBICIDE	COTT	APPL	7.00	551						
452						502					552						
453	LIVESTOCK INS					503	INSECTICIDE	COTT	APPL	6.00	553						2.76
454	HAIL INS. WHEAT					504	OTHER INS. CONTR	COTD	ACRE	2.50	554						
455	HAIL INS. COTTON					505	MISCELLANEOUS	COTD	ACRE	7.50	555						9.98
456	CROP INS. WHEAT					506	TRANSPORT MODULE	COTT	BALE	3.00	556						
457	CROP INS. COTTON					507	OTHER INS. CONTR	COTI	ACRE	3.50	557						
458	HAIL INS SORGHUM					508	MISCELLANEOUS	COTI	ACRE	10.00	558						4.80
459	GEN FM OVERHEAD					509					559						
460	UTILITIES					510	OTHER WD CONT HP	COTT	ACRE	4.00	560						
461						511	OTHER WD CONT TP	COTT	ACRE	15.00	561						
462						512	OTH WD CONT EPI	COTT	ACRE	12.50	562						
463						513	OTH WD CONT EPD	COTT	ACRE	5.00	563						
464	ELECTRICITY					514					564						
465	IRRIG. EQUIP.					515					565						
466	WATER CHARGE					516					566						
467	TANK IRRIGATION					517			CRTN	3.75	567						
468	IRRIGATION WATER					518					568						
469	ALLOTMENT LEASE					519					569						
470	RENT					520					570						
471	VEH & MOTOR RENT					521					571						
472	MACHINERY RENT					522					572						
473	BUILDING RENT					523					573						24.65
474	LAND RENT					524					574						
475	LAND-CASH RENT					525				6.95	575						
476	LAND-SHARE RENT					526					576						
477	PASTURE RENT					527					577						
478	GRAZING PERMITS					528					578						
479	GRAZING LEASES					529					579						
480	TRUCKING&TRAVEL					530					580						50.00
481	TRUCKING					531				4.20	581						7.66
482	FREIGHT					532					582						12.81
483						533					583						
484	HAULING					534					584						
485	HAULING & MKTG.	DOL.		5.00		535				1.21	585						
486	SALES COMM					536					586						7.00
487	SESAME	LB.		0.20		537					587						0.20
488	SESAME SD	LB.		1.00		538					588						
489	SUPPLIES					539					589						4.00
490				8.84		540					590						0.33
491						541				0.10	591						
492						542					592						
493						543					593						
494						544					594						
495						545					595						
496				4.80		546					596						
497	BRUSH CLEARING					547					597						
498	SHAVINGS					548					598						
499						549				4.12	599						
500						550					600						

TABLE XX. DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 8 DATE: 101380

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	0.8000
2.	PRICE PER GALLON OF L.P. GAS	0.4400
3.	PRICE PER GALLON OF DIESEL	0.9000
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0500
5.	PRICE FOR FIRST 1000 CU. FT. OF NATURAL GAS	0.0
6.	INTEREST RATE	0.1400
7.	INSURANCE RATE (AVERAGE INVESTMENT)	0.0100
8.	TAX RATE (PURCHASE VALUE)	0.0050
9.	IRRIGATION SYSTEM NUMBER	1.
10.	PRICE OF MACHINERY LABOR PER HOUR	4.50
11.	PRICE OF OTHER LABOR PER HOUR	6.25
12.	PRICE OF IRRIGATION LABOR PER HOUR	3.50
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0050
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0050
18.	IRRIGATION LABOR—HOURS PER ACRE INCH	1.0000
19.	FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS	1.1000
20.	FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS	1.2000
21.	FACTOR TO CONVERT SELF-POWERED MACHINERY HRS TO LABOR HRS	1.2500
22.	LUBRICATION COST MULTIPLE OF FUEL COSTS	0.0

MACHINERY COMPLEMENT(8)

DATE: 101380

COLUMN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME OF MACHINE	CODE	WIDTH (FEET)	INITIAL LIST PRICE	SPEED (MPH)	FIELD EFFIC- ENCY	RC1	AGE	RC3	HOURS USED ANNUALLY	YEARS OWNED	RFV1	RFV2	PURCHASE PRICE	FUEL TYPE	HOURS OF LIFE	HP
TRACTOR 4 WH DR.	1.	235.0	65000.	4.5	0.88	1.20	0.0	1.60	500.	5.0	0.680	0.920	58000.	3.	12000.	225.
TRACTOR 2	2.	150.0	38350.	4.5	0.88	1.20	0.0	1.60	500.	5.0	0.680	0.920	35000.	3.	12000.	150.
TRACTOR 3	3.	125.0	43750.	4.5	0.88	0.90	0.0	1.60	1000.	6.0	0.680	0.920	35000.	3.	10000.	125.
TRACTOR 4	4.	90.0	23500.	4.5	0.88	1.20	0.0	1.60	500.	5.0	0.680	0.920	21000.	3.	12000.	90.
TRACTOR 5	5.	40.0	9000.	4.5	0.88	1.20	0.0	1.60	300.	10.0	0.680	0.920	7000.	1.	12000.	40.
	6.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	7.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	8.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	9.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
PICKUP 1/2 TON	10.	0.5	7000.	30.0	0.88	0.80	0.0	1.60	700.	3.0	0.600	0.885	6000.	1.	4000.	1.
PICKUP 4 WH DR.	11.	0.5	8300.	30.0	0.88	0.80	0.0	1.60	700.	3.0	0.600	0.885	7000.	1.	4000.	1.
	12.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	13.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
COTTON STRIPR SP	14.	6.6	45000.	2.8	0.67	0.60	0.0	1.60	300.	7.0	0.600	0.885	40000.	3.	2100.	105.
	15.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	16.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	17.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	18.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	19.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	20.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	21.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	22.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
SWATHER S.P.	23.	14.0	26000.	5.0	0.77	1.00	0.0	1.30	300.	5.0	0.660	0.880	25000.	3.	1500.	40.
	24.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	25.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	26.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	27.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	28.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	29.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
ROLLING CULT	30.	20.0	3500.	3.5	0.80	1.00	0.0	1.80	200.	7.0	0.600	0.885	3200.	0.	2000.	0.
ROLLING CULT	31.	26.6	4500.	3.5	0.80	1.00	0.0	1.80	200.	7.0	0.600	0.885	4500.	0.	2000.	0.
FLEX ROT HOE	32.	20.0	2500.	8.0	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	2300.	0.	2000.	0.
CULTIVATOR 6R	33.	20.0	4000.	3.5	0.75	1.00	0.0	1.80	100.	7.0	0.600	0.885	3600.	0.	2000.	0.
CULTIVATOR 8R	34.	26.6	5200.	3.5	0.75	1.00	0.0	1.80	100.	7.0	0.600	0.885	4700.	0.	2000.	0.
	35.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
LISTER-PLNT6R	36.	20.0	4500.	4.5	0.80	1.00	0.0	1.80	150.	7.0	0.600	0.885	4200.	0.	2000.	0.
LISTER-PLNT8R	37.	26.6	5250.	4.5	0.80	1.00	0.0	1.80	150.	7.0	0.600	0.885	4750.	0.	2000.	0.
BED PLANTER6R	38.	20.0	3540.	4.5	0.60	0.80	0.0	1.60	100.	7.0	0.600	0.885	3200.	0.	1200.	0.
BED PLANTER8R	39.	26.6	4500.	4.5	0.60	0.80	0.0	1.60	100.	7.0	0.600	0.885	4050.	0.	1200.	0.
TANDEM DISC	40.	14.0	4500.	4.5	0.83	0.65	0.0	1.80	200.	7.0	0.600	0.885	4250.	0.	2000.	0.
TANDEM DISC	41.	20.0	7500.	4.5	0.83	0.65	0.0	1.80	200.	7.0	0.600	0.885	7200.	0.	2000.	0.
OFFSET DISC	42.	14.0	7000.	4.5	0.83	0.65	0.0	1.80	200.	7.0	0.600	0.885	6700.	0.	2000.	0.
OFFSET DISC	43.	28.0	15000.	4.5	0.83	0.65	0.0	1.80	200.	7.0	0.600	0.885	14000.	0.	2000.	0.
CHISEL	44.	23.0	6200.	4.5	0.80	1.00	0.0	1.80	200.	7.0	0.600	0.885	5700.	0.	2000.	0.
CHISEL	45.	41.0	11500.	4.5	0.80	1.00	0.0	1.80	200.	7.0	0.600	0.885	11000.	0.	2000.	0.
MLBD ROLLOVER	46.	5.3	7770.	4.5	0.80	1.00	0.0	1.30	155.	8.0	0.600	0.885	6220.	0.	2000.	0.
MOLDBOARD 6R	47.	8.0	5000.	4.5	0.80	1.00	0.0	1.30	100.	7.0	0.600	0.885	4500.	0.	2000.	0.
MOLDBOARD 12R	48.	16.0	11000.	4.5	0.80	1.00	0.0	1.30	150.	7.0	0.600	0.885	10500.	0.	2000.	0.
ONEWAY	49.	16.0	3200.	5.0	0.80	0.65	0.0	1.80	150.	7.0	0.600	0.885	3000.	0.	2000.	0.
RODWEEDER	50.	30.0	4800.	5.0	0.80	1.00	0.0	1.80	240.	7.0	0.600	0.885	4400.	0.	2000.	0.

MACHINERY COMPLEMENT(8)

DATE: 101380

COLUMN NAME OF MACHINE	1 CODE	2 WIDTH (FEET)	3 INITIAL LIST PRICE	4 SPEED (MPH)	5 FIELD EFFIC- ENCY	6 RC1	7 AGE	8 RC3	9 HOURS USED ANNUALLY	10 YEARS OWNED	11 RFV1	12 RFV2	13 PURCHASE PRICE	14 FUEL TYPE	15 HOURS OF LIFE	16 HP
SAND FIGHTER	51.	22.5	1000.	8.0	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	900.	0.	750.	0.
HARROW	52.	16.0	2000.	4.5	0.80	0.65	0.0	1.80	120.	7.0	0.600	0.885	1750.	0.	2000.	0.
PACKER	53.	8.3	550.	6.0	0.80	0.80	0.0	1.80	200.	7.0	0.600	0.885	450.	0.	2000.	0.
LISTER 6R	54.	20.0	1590.	4.5	0.80	1.00	0.0	1.80	150.	7.0	0.600	0.885	1400.	0.	2000.	0.
LISTER 8R	55.	26.6	2500.	4.5	0.80	1.00	0.0	1.80	150.	7.0	0.600	0.885	2200.	0.	2000.	0.
SHREDDER 2R	56.	6.6	1200.	3.7	0.80	0.60	0.0	1.80	125.	7.0	0.600	0.885	1100.	0.	2000.	0.
SHREDDER 4R	57.	13.3	5810.	5.0	0.80	0.60	0.0	1.80	160.	8.0	0.600	0.885	4650.	0.	2000.	0.
GRAIN DRILL	58.	13.5	4400.	4.0	0.72	0.75	0.0	1.80	120.	7.0	0.600	0.885	4000.	0.	1000.	0.
GR DRILL/FERT	59.	13.5	4400.	4.0	0.72	0.75	0.0	1.80	120.	7.0	0.600	0.885	4000.	0.	1000.	0.
BOX FLOAT	60.	7.0	575.	6.0	0.60	0.60	0.0	1.80	100.	7.0	0.600	0.885	500.	0.	2500.	0.
HERB SPR/DISC	61.	14.0	650.	4.5	0.83	0.65	0.0	1.80	100.	7.0	0.600	0.885	500.	0.	2000.	0.
COTTON TR 3BL	62.	6.6	2400.	10.0	0.82	1.00	0.0	1.80	150.	7.0	0.600	0.885	1600.	0.	2000.	0.
COTTON TR 5BL	63.	6.6	4000.	10.0	0.82	1.00	0.0	1.80	150.	7.0	0.600	0.885	2700.	0.	2000.	0.
COTTON STR/BSK	64.	6.6	12500.	2.8	0.67	0.60	0.0	1.60	300.	5.0	0.600	0.885	12000.	0.	1500.	0.
	65.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	66.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	67.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	68.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	69.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
CHISEL	70.	18.0	3310.	4.5	0.80	0.65	0.0	1.80	55.	8.0	0.600	0.885	2650.	0.	2000.	0.
HARROW/SPG-TOOTH	71.	33.0	3850.	6.0	0.80	0.65	0.0	1.80	65.	8.0	0.600	0.885	3450.	0.	2000.	0.
LISTER 12R	72.	40.0	10500.	4.5	0.80	0.65	0.0	1.80	35.	8.0	0.600	0.885	8400.	0.	2000.	0.
BED KNIFE 12R	73.	40.0	2830.	4.5	0.80	0.65	0.0	1.80	100.	8.0	0.600	0.885	2270.	0.	2000.	0.
PLANTER 12R	74.	40.0	7920.	4.0	0.60	0.75	0.0	1.60	75.	8.0	0.600	0.885	6330.	0.	2000.	0.
ROTARY HOE 12R	75.	40.0	5460.	6.0	0.80	1.00	0.0	1.30	45.	8.0	0.600	0.885	4370.	0.	2000.	0.
SAND FIGHTER 21R	76.	70.0	1990.	6.0	0.80	0.80	0.0	1.30	50.	8.0	0.600	0.885	1600.	0.	2000.	0.
ROW KNIFE	77.	40.0	2830.	4.5	0.75	0.65	0.0	1.80	130.	8.0	0.600	0.885	2270.	0.	2000.	0.
CULTIVATOR	78.	40.0	4560.	3.5	0.75	0.65	0.0	1.80	105.	8.0	0.600	0.885	3650.	0.	2000.	0.
STRIPPER 2R T MT	79.	6.7	16530.	3.0	0.67	0.75	0.0	1.60	160.	8.0	0.600	0.885	13230.	0.	2000.	0.
MODULE BUILDER	80.	13.3	22000.	3.0	0.67	0.75	0.0	1.60	160.	8.0	0.600	0.885	21000.	0.	2000.	0.
COTTON TRAILERS	81.	13.3	12500.	3.0	0.67	0.80	0.0	1.30	160.	8.0	0.600	0.885	10000.	0.	2000.	0.
	82.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	83.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	84.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	85.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	86.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	87.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	88.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	89.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	90.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	91.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	92.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	93.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	94.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	95.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	96.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	97.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	98.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	99.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	100.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.

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500 10-80, Revised

ECO 7-2

COW CALF BUDGET, TEXAS TRANS PECOS REGION
PROJECTED COSTS AND RETURNS PER COW

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.75	CWT.	100.00	0.43	204.25
HEIFER CALVES	4.50	CWT.	90.00	0.42	<u>170.10</u>
TOTAL					374.35
2. VARIABLE COSTS					
PROT. SUPPLEMENT		LB.	0.10	300.00	30.00
SALT & MIN.		LB.	0.10	36.00	3.60
VET MEDICINE		DOL.	5.00	0.50	2.50
MARKETING		DOL.	1.00	7.50	7.50
MISC EXPENSE		DOL.	1.00	10.00	10.00
EQUIPMENT(FUEL,LUBE,REP)		DOL.			21.67
LABOR, LIVESTOCK		HRS.	6.25	12.00	75.00
INTEREST ON OPER.CAP.,		DOL.	0.14	26.70	<u>3.74</u>
TOTAL VARIABLE COSTS					154.00
3. INCOME ABOVE VARIABLE COSTS					220.35
4. FIXED COSTS					
LAND CHARGE		HEAD	75.00	1.00	75.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.14	594.00	83.16
INT. ON OTHER EQUIPMENT		DOL.	0.14	84.20	11.79
DEPR. ON COW-TP		DOL.			16.67
DEPR. ON BULL-TP		DOL.			5.00
DEPR. ON HORSE-TP		DOL.			1.00
DEPR. ON OTHER EQUIP.		DOL.			14.20
OTHER FC, MACH & EQUIP.		DOL.			<u>10.17</u>
TOTAL FIXED COSTS					216.99
5. TOTAL COSTS					370.99
6. NET RETURNS					3.36

85% CALF CROP, 20 COWS PER BULL, 2% DEATH LOSS,
12% REPLACEMENT RATE, 300 COW RANCH

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

2.	MACHINE	CODE	MACHINERY FIXED AND VARIABLE COST PER HOUR													
			DEPR	INSUR.	TAX	TOTAL FIXED	REPAIR	FUEL	LUB.	TOTAL VARIABLE	INT.	HR/TIME				
ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK																
LINE NO.	ITEM	SIZE	UNIT	LIST PRICE	DEPREC- IATION	INTEREST	INSUR- ANCE	TAXES	REPAIRS	FUEL AND LUBE	HOURS LABOR	TOT OWN- ERSHP/YR	TOT OPER- ATING/YR			
1	PU-TP	0.75	TON	8000.00	1600.00	784.00	56.00	28.00	266.67	2400.00	0.0	1684.00	2665.57			
4	EQUIP-TP	100.00	DOL.	100.00	5.00	10.50	0.75	0.37	5.00	0.0	0.0	6.12	5.00			
51	COW-TP	1.00	HEAD	500.00	16.67	63.00	4.50	2.25	0.0	0.0	0.0	23.42	0.0			
54	BULL-TP	1.00	HEAD	1500.00	50.00	189.00	13.50	6.75	0.0	0.0	0.0	70.25	0.0			
69	HORSE-TP	1.00	HEAD	600.00	50.00	63.00	4.50	2.25	0.0	0.0	0.0	56.75	0.0			
ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK																
LINE NO.	ITEM	SIZE	UNIT	NUMBER ITEMS	PROPOR. CHARGED	OWNERSHIP CHARGES	OPERATING CHARGES	INTERST CHARGES	LABOR CHARGED	HOURS						
1	PU-TP	0.75	TON	1.00	0.01	11.79	19.67	5.49	0.0							
4	EQUIP-TP	100.00	DOL.	1.00	0.60	3.67	3.00	6.30	0.0							
51	COW-TP	1.00	HEAD	1.00	1.00	23.42	0.0	63.00	0.0							
54	BULL-TP	1.00	HEAD	1.00	0.10	7.02	0.0	18.90	0.0							
69	HORSE-TP	1.00	HEAD	1.00	0.02	1.13	0.0	1.26	0.0							
COLUMN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME OF MACHINE	CODE	WIDTH (FEET)	INITIAL LIST PRICE	SPEED (MPH)	FIELD EFFIC- ENCY	RC1	RC2	RC3	HOURS USED ANNUALLY	YEARS OWNED	RFV1	RFV2	PURCHASE PRICE	FUEL TYPE	HOURS OF LIFE	HP
COLUMN--	1	2	3	4	5	6	7	8	9	10	11					
ITEM NAME	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCHASE PRICE	YEARS LIFE	SALVAGE PROP OF LIST	REPAIR PROP OF LIST	FUEL & LUB AS PROP	ANNUAL LABOR					
PU-TP	1.	0.75	3.	2.00	8000.00	8000.00	3.00	0.400	0.100	0.300	0.0					
EQUIP-TP	4.	100.00	15.	2.00	100.00	100.00	10.00	0.500	0.500	0.0	0.0					
COW-TP	51.	1.00	1.	1.00	500.00	500.00	6.00	0.800	0.0	0.0	0.0					
BULL-TP	54.	1.00	1.	1.00	1500.00	1500.00	6.00	0.800	0.0	0.0	0.0					
HORSE-TP	69.	1.00	1.	1.00	600.00	600.00	6.00	0.500	0.0	0.0	0.0					

85% CALF CROP. 20 COWS PER BULL. 2% DEATH LOSS.
12% REPLACEMENT RATE. 300 COW RANCH

MACHINERY COMPLEMENT 8
EQUIPMENT COMPLEMENT 8
PRICE VECTOR 8

[illegible]

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