

CUCUMBERS (PICKLES) IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.45	0.30
SHREDDER	3,30	AUG	1.00	0.263	0.199	1.70	3.17
OFFSET DISC	3,34	AUG	2.20	0.501	0.380	3.16	5.44
MOLOBOARD FLOW	1,32	AUG	1.00	0.571	0.432	5.72	12.28
LAND PLANE	1,50	AUG	0.20	0.050	0.038	0.44	27.19
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.34	2.07
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	2.08
DRY FERT SPRDER	3,60	AUG	1.00	0.203	0.154	1.29	3.44
STANHAY PLANTER	3,44	AUG	1.00	0.303	0.230	1.95	4.61
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	3,39	SEPT	1.00	0.227	0.172	1.38	2.81
CULTIVATOR 4R	3,39	OCT	1.00	0.227	0.172	1.38	2.81
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.45	0.30
TOTALS				2.872	2.456	19.80	70.79

LETTUCE, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED COSTS AND RETURNS PER ACRF

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
LETTUCE	500.00	CRTN	4.50	<u>2250.00</u>	-----
TOTAL PROJECTED RETURNS				\$ 2250.00	\$ -----
2. VARIABLE COSTS					
PREHARVEST COSTS					
LETTUCE SEED	1.00	LB.	24.00	24.00	-----
NITROGEN (LIQ)	150.00	LB.	0.23	34.50	-----
PHOSPHATE	80.00	LB.	0.32	25.60	-----
HERBICIDE	1.00	ACRE	8.00	8.00	-----
INSECTICIDE	11.00	APPL	6.50	71.50	-----
FUNGICIDE	6.00	APPL	6.00	36.00	-----
PESTICIDE APPLI.	11.00	ACRE	2.50	27.50	-----
NITROGEN (DRY)	75.00	LB.	0.26	19.50	-----
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	-----
IRRIGATION WATER	12.00	ACIN			-----
FUEL & LUBE--TRACTOR		ACRE		17.09	-----
EQUIPMENT		ACRE		1.59	-----
IRRIGATION		ACRE		22.80	-----
REPAIRS-----TRACTOR		ACRE		3.91	-----
EQUIPMENT		ACRE		4.07	-----
IRRIGATION		ACRE		6.04	-----
LABOR-----MACHINERY	3.90	HOUR	4.50	17.57	-----
IRRIGATION	1.20	HOUR	3.50	4.20	-----
OTHER	12.00	HOUR	3.50	42.00	-----
OPERATING CAPITAL	37.60	DOL.	0.15	<u>5.64</u>	-----
SUBTOTAL, PREHARVEST		ACRE		\$ 378.51	\$ -----
HARVEST COSTS					
HARV.PKG.HAUL	500.00	CRTN	3.00	<u>1500.00</u>	-----
SUBTOTAL, HARVEST		ACRE		\$ 1500.00	\$ -----
TOTAL VARIABLE COSTS		ACRE		\$ 1878.51	\$ -----
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 371.49	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		29.70	-----
EQUIPMENT		ACRE		52.74	-----
IRRIGATION		ACRE		19.85	-----
LAND (NET SHARE-RENT)		ACRE		<u>39.90</u>	-----
TOTAL FIXED COSTS		ACRE		\$ 142.28	\$ -----
5. TOTAL PROJECTED COSTS		ACRE		\$ 2020.79	\$ -----
6. NET PROJECTED RETURNS		ACRE		\$ 229.21	\$ -----

LETTUCE IS PACKED AND MARKETED IN 50 POUND CARTONS.

BUDGET BASED ON A FALL CROP

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.

LETTUCE, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED CCSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER	3,30	JULY	1.00	0.263	0.199	1.70	3.17
OFFSET DISC	3,34	JULY	1.00	0.228	0.173	1.43	4.29
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.45	0.30
OFFSET DISC	3,34	AUG	1.20	0.273	0.207	1.72	5.15
MOLDBOARD PLOW	1,32	AUG	1.00	0.571	0.432	5.72	12.28
LAND PLANE	1,50	AUG	0.20	0.050	0.038	0.44	27.19
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.34	2.07
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.45	0.30
STANHAY PLANTER	3,44	SEPT	1.00	0.303	0.230	1.95	4.61
BED SHAPER 6R	1,48	SEPT	1.00	0.252	0.191	2.18	3.57
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.45	0.30
STANHAY PLANTER	3,44	OCT	1.00	0.303	0.230	1.95	4.61
BED SHAPER 6R	1,48	OCT	1.00	0.252	0.191	2.18	3.57
HERBICIDE SPRAYR	63	OCT	1.00	0.0	0.264	0.08	2.08
DRY FERT SPRDER	3,60	OCT	1.00	0.203	0.154	1.29	3.44
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.45	0.30
STANHAY PLANTER	3,44	NOV	1.00	0.303	0.230	1.95	4.61
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	DEC	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.45</u>	<u>0.30</u>
TOTALS				3.903	3.253	26.67	82.43

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 01/06/81. E-1241(C16)

ONIONS, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
ONIONS	400.00	BAGS	5.50	<u>2200.00</u>	_____
TOTAL PROJECTED RETURNS				\$ 2200.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
ONION SEED	2.75	LB.	12.50	34.38	_____
NITROGEN (LIQ)	50.00	LB.	0.23	11.50	_____
PHOSPHATE	80.00	LB.	0.32	25.60	_____
HERBICIDE	2.00	ACRE	15.00	30.00	_____
INSECTICIDE	3.00	APPL	3.50	10.50	_____
FUNGICIDE	5.00	APPL	5.00	25.00	_____
PESTICIDE APPLI.	5.00	ACRE	2.50	12.50	_____
NITROGEN (DRY)	50.00	LB.	0.26	13.00	_____
MISC ADMIN O/H	1.00	ACRE	10.00	10.00	_____
IRRIGATION WATER	18.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		16.75	_____
EQUIPMENT		ACRE		1.59	_____
IRRIGATION		ACRE		34.20	_____
REPAIRS-----TRACTOR		ACRE		3.87	_____
EQUIPMENT		ACRE		3.98	_____
IRRIGATION		ACRE		12.06	_____
LABOR-----MACHINERY	3.95	HOUR	4.50	17.79	_____
IRRIGATION	1.80	HOUR	3.50	6.30	_____
OTHER	9.00	HOUR	3.50	31.50	_____
OPERATING CAPITAL	117.92	DOL.	0.15	<u>17.69</u>	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 318.19	\$ _____
HARVEST COSTS					
HARV. PKG. MKT	400.00	BAGS	3.30	<u>1320.00</u>	_____
SUBTOTAL, HARVEST		ACRE		\$ 1320.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 1638.19	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.10/BAGS		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 561.81	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		29.38	_____
EQUIPMENT		ACRE		53.57	_____
IRRIGATION		ACRE		29.77	_____
LAND (NET SHARE-RENT)		ACRE		<u>50.00</u>	_____
TOTAL FIXED COSTS		ACRE		\$ 162.72	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 1800.91	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 4.50/BAGS		
6. NET PROJECTED RETURNS		ACRE		\$ 399.09	\$ _____

ONIONS ARE PACKED AND MARKETED IN 50 POUND BAGS.

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.

ONIONS, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.45	0.30
SHREDDER	3,30	SEPT	1.00	0.263	0.199	1.70	3.17
OFFSET DISC	3,34	SEPT	1.00	0.228	0.173	1.43	4.29
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.45	0.30
OFFSET DISC	3,34	OCT	1.20	0.273	0.207	1.72	5.15
MOLDBOARD PLOW	1,32	OCT	1.00	0.571	0.432	5.72	12.28
LAND PLANE	1,50	OCT	0.20	0.050	0.038	0.44	27.19
BEDDER 6R	1,36	OCT	1.00	0.151	0.115	1.34	2.07
HERBICIDE SPRAYR	63	OCT	2.00	0.0	0.529	0.16	4.16
DRY FERT SPRDER	3,60	OCT	1.00	0.203	0.154	1.29	3.44
BED SHAPER 6R	1,48	OCT	1.00	0.252	0.191	2.18	3.57
STANHAY PLANTER	3,44	OCT	1.00	0.303	0.230	1.95	4.61
CULTIVATOR 4R	3,39	NOV	1.00	0.227	0.172	1.38	2.81
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	3,39	JAN	1.00	0.227	0.172	1.38	2.81
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	3,39	FEB	1.00	0.227	0.172	1.38	2.81
CULTIVATOR 4R	3,39	MAR	1.00	0.227	0.172	1.38	2.81
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	MAY	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.45</u>	<u>0.30</u>
TOTALS				3.952	3.555	26.18	82.95

FRESH MARKET SPINACH, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED CCSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SPINACH, FRESH	400.00	BL.	5.75	<u>2300.00</u>	-----
TOTAL PROJECTED RETURNS				\$ 2300.00	\$ -----
2. VARIABLE COSTS					
PREHARVEST COSTS					
SPINACH-FRESH SD	2.00	LB.	1.65	13.20	-----
NITROGEN (LIG)	40.00	LB.	0.23	9.20	-----
PHOSPHATE	60.00	LB.	0.32	19.20	-----
HERBICIDE	1.00	ACRE	20.00	20.00	-----
INSECTICIDE	6.00	APPL	11.00	66.00	-----
FUNGICIDE	7.00	APPL	4.50	31.50	-----
PESTICIDE APPLI.	7.00	ACRE	2.50	17.50	-----
NITROGEN (DRY)	40.00	LB.	0.26	10.40	-----
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	-----
IRRIGATION WATER	16.00	ACIN			-----
FUEL & LUBE--TRACTOR		ACRE		19.15	-----
EQUIPMENT		ACRE		2.12	-----
IRRIGATION		ACRE		30.40	-----
REPAIRS-----TRACTOR		ACRE		3.45	-----
EQUIPMENT		ACRE		4.28	-----
IRRIGATION		ACRE		10.72	-----
LABOR-----MACHINERY	3.75	HOOR	4.50	16.87	-----
IRRIGATION	1.60	HCUR	3.50	5.60	-----
OTHER	12.00	HOOR	3.50	42.00	-----
OPERATING CAPITAL	78.26	DCL.	0.15	<u>11.74</u>	-----
SUBTOTAL, PREHARVEST		ACRE		\$ 334.33	\$ -----
HARVEST COSTS					
HARV.PKG.MKT	400.00	BU.	4.00	<u>1600.00</u>	-----
SUBTOTAL, HARVEST		ACRE		\$ 1600.00	\$ -----
TOTAL VARIABLE COSTS		ACRE		\$ 1934.33	\$ -----
BREAK-EVEN PRICE, VARIABLE CCSTS			\$	4.84/BU.	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 365.67	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		26.21	-----
EQUIPMENT		ACRE		51.49	-----
IRRIGATION		ACRE		26.46	-----
LAND (NET SHARE-RENT)		ACRE		<u>99.00</u>	-----
TOTAL FIXED COSTS		ACRE		\$ 144.16	\$ -----
5. TOTAL PROJECTED COSTS		ACRE		\$ 2078.49	\$ -----
BREAK-EVEN PRICE, TOTAL CCSTS			\$	5.20/BU.	
6. NET PROJECTED RETURNS		ACRE		\$ 221.51	\$ -----

SPINACH IS PACKED AND MARKETED IN 25 POUND BUSHELS.

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.

FRESH MARKET SPINACH, IRRIGATED
TEXAS EDWARDS AQUIFER REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HCURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.45	0.30
SHREDDER	3,30	AUG	1.00	0.263	0.199	1.70	3.17
OFFSET DISC	3,34	AUG	2.20	0.501	0.380	3.16	5.44
MOLDBOARD PLOW	1,32	AUG	1.00	0.571	0.432	5.72	12.28
LAND PLANE	1,50	AUG	0.20	0.050	0.038	0.44	27.19
BEDDER 6R	1,36	AUG	1.00	0.151	0.115	1.34	2.07
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	2.08
DRY FERT SPRDER	3,60	AUG	1.00	0.203	0.154	1.29	3.44
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.45	0.30
PLANTER 4R	3,41	SEPT	1.00	0.303	0.230	2.18	5.87
BED SHAPER 6R	3,48	SEPT	1.00	0.252	0.191	1.52	2.85
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	1,39	OCT	1.00	0.227	0.172	1.98	3.45
PICKUP TRUCK	10	CCT	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	1,39	NOV	1.00	0.227	0.172	1.98	3.45
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	JAN	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.45</u>	<u>0.30</u>
TOTALS				3.749	3.147	25.00	77.70

PROCESSED SPINACH, IRRIGATED
 TEXAS EDWARDS AQUIFER REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED		---PROJECTED---		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SPINACH, PROCESS	7.50	TON	78.50	588.75	-----
SPINACH SECONDS	0.80	TON	1.00	0.80	-----
TOTAL PROJECTED RETURNS				\$ 589.55	\$ -----
2. VARIABLE COSTS					
PREHARVEST COSTS		INPUT USE			
SPINACH-PROC. SD	12.00	LB.	2.00	24.00	-----
NITROGEN (LIQ)	70.00	LB.	0.23	16.10	-----
PHOSPHATE	160.00	LB.	0.32	51.20	-----
HERBICIDE	1.00	ACRE	20.00	20.00	-----
INSECTICIDE	7.00	APPL	11.00	77.00	-----
FUNGICIDE	6.00	APPL	4.50	27.00	-----
PESTICIDE APPLI.	7.00	ACRE	2.50	17.50	-----
NITROGEN (DRY)	70.00	LB.	0.26	18.20	-----
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	-----
IRRIGATION WATER	17.00	ACIN			-----
FUEL & LUBE--TRACTOR		ACRE		17.73	-----
EQUIPMENT		ACRE		1.06	-----
IRRIGATION		ACRE		32.30	-----
REPAIRS-----TRACTOR		ACRE		3.97	-----
EQUIPMENT		ACRE		3.53	-----
IRRIGATION		ACRE		11.39	-----
LABOR-----MACHINERY	3.25	HOUR	4.50	14.62	-----
IRRIGATION	1.70	HOUR	3.50	5.95	-----
OTHER	8.00	HOUR	3.50	28.00	-----
OPERATING CAPITAL	120.45	DOL.	0.15	18.07	-----
SUBTOTAL, PREHARVEST		ACRE		\$ 392.60	\$ -----
HARVEST COSTS					
HARV,PKG,HAUL	9.00	TON	3.80	34.20	-----
SUBTOTAL, HARVEST		ACRE		\$ 34.20	\$ -----
TOTAL VARIABLE COSTS		ACRE		\$ 426.80	\$ -----
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 162.75	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		28.07	-----
EQUIPMENT		ACRE		50.29	-----
IRRIGATION		ACRE		28.12	-----
LAND (NET SHARE-RENT)		ACRE		90.00	-----
TOTAL FIXED COSTS		ACRE		\$ 146.47	\$ -----
5. TOTAL PROJECTED COSTS		ACRE		\$ 573.27	\$ -----
6. NET PROJECTED RETURNS		ACRE		\$ 16.28	\$ -----

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.

PROCESSED SPINACH, IRRIGATED
 TEXAS EDWARDS AQUIFER REGION
 ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER	2.30	AUG	1.00	0.263	0.199	2.08	3.06
OFFSET DISC	2.34	AUG	2.20	0.501	0.380	3.87	9.24
MOLDBOARD PLOW	1.32	AUG	1.00	0.571	0.432	5.72	11.28
LAND PLANE	1.50	AUG	0.20	0.050	0.038	0.44	27.19
BEDDER 6R	1.36	AUG	1.00	0.151	0.115	1.34	2.07
HERBICIDE SPRAYR	63	AUG	1.00	0.0	0.264	0.08	2.08
DRY FERT SPRDER	1.60	AUG	1.00	0.203	0.154	1.83	4.02
PLANTER 4R	1.41	SEPT	1.00	0.303	0.230	2.98	6.73
BED SHAPER 6R	1.48	SEPT	1.00	0.252	0.191	2.18	3.57
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.45	0.30
CULTIVATOR 4R	1.39	OCT	1.00	0.227	0.172	1.98	3.45
CULTIVATOR 4R	1.39	NOV	1.00	0.227	0.172	1.98	3.45
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	FEB	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.45</u>	<u>0.30</u>
TOTALS				3.249	2.747	26.27	78.35

SPINACH, (PROCESSED) IRRIGATED (GRAIN DRILL PLANTING)
 TEXAS EDWARDS AQUIFER REGION

CATEGORY	PROJECTED YIELD	UNIT	---PROJECTED---		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
SPINACH, PROCESS	8.50	TON	78.50	667.25	-----
SPINACH SECONDS	0.80	TON	1.00	0.80	-----
TOTAL PROJECTED RETURNS				\$ 683.05	\$ -----
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
SPINACH-PROC. SD	21.00	LB.	2.00	42.00	-----
NITROGEN (LIQ)	100.00	LB.	0.23	23.00	-----
PHOSPHATE	160.00	LB.	0.32	51.20	-----
CUSTOM FERTILIZE	1.00	ACRE	1.75	1.75	-----
INSECTICIDE	7.00	APPL	11.00	77.00	-----
FUNGICIDE	6.00	APPL	4.50	27.00	-----
PESTICIDE APPLI.	6.00	ACRE	2.50	15.00	-----
NITROGEN (DRY)	50.00	LB.	0.26	13.00	-----
HERBICIDE	1.00	ACRE	20.00	20.00	-----
MISC ADMIN O/H	0.50	ACRE	10.00	5.00	-----
IRRIGATION WATER	17.00	ACIN			-----
FUEL & LUBE--TRACTOR		ACRE		9.54	-----
EQUIPMENT		ACRE		1.06	-----
IRRIGATION		ACRE		32.30	-----
REPAIRS-----TRACTOR		ACRE		2.18	-----
EQUIPMENT		ACRE		2.51	-----
IRRIGATION		ACRE		11.39	-----
LABOR-----MACHINERY	2.02	HOURL	4.50	9.11	-----
IRRIGATION	1.70	HOURL	3.50	5.95	-----
OTHER	8.00	HOURL	3.50	28.00	-----
OPERATING CAPITAL	92.48	DOL.	0.15	13.87	-----
SUBTOTAL, PREHARVEST		ACRE		\$ 390.85	\$ -----
HARVEST COSTS					
HARV.PKG.HAUL	9.60	TON	3.80	36.48	-----
SUBTOTAL, HARVEST		ACRE		\$ 36.48	\$ -----
TOTAL VARIABLE COSTS		ACRE		\$ 427.33	\$ -----
3. INCOME ABOVE VARIABLE COSTS					
		ACRE		\$ 255.72	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.72	-----
EQUIPMENT		ACRE		17.74	-----
IRRIGATION		ACRE		28.12	-----
LAND (NET SHARE-RENT)		ACRE		30.00	-----
TOTAL FIXED COSTS		ACRE		\$ 100.58	\$ -----
5. TOTAL PROJECTED COSTS					
		ACRE		\$ 527.91	\$ -----
6. NET PROJECTED RETURNS					
		ACRE		\$ 155.14	\$ -----

NOTE: PROCESSED SPINACH YIELD DATA BASED ON GRAIN DRILL METHOD OF PLANTING.
 BUDGET BASED ON GRAIN DRILL PLANTING TECHNIQUE

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.

SPINACH, (PROCESSED) IRRIGATED (GRAIN DRILL PLANTING)
TEXAS EDWARDS AQUIFER REGION

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.45	0.30
OFFSET DISC	2.34	AUG	1.00	0.228	0.173	1.76	4.20
MOLDBOARD PLOW	1.32	AUG	1.00	0.571	0.432	5.72	12.28
OFFSET DISC	2.34	SEPT	2.00	0.456	0.345	3.52	8.40
GRAIN DRILL	1.46	OCT	1.00	0.270	0.205	2.48	6.37
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.45	0.30
PICKUP TRUCK	10	DEC	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.45</u>	<u>0.30</u>
TOTALS				2.024	1.555	15.28	32.46

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
1	MILK	----	CWT.	45.00	51	FLAX	----	----	----	101	SALT	----	----	----
2	CREAM	----	CWT.	70.00	52	SUNFLOWER	----	----	----	102	MINERALS	----	----	----
3	WOOL	----	LB.	25.00	53	SAFFLOWER	----	----	----	103	SALT & MIN.	----	HEAD	10.00
4	EGGS	----	ACRE	4.50	54	SUGAR BEETS	----	----	----	104	BONE MEAL	----	----	----
5	STOCKER	----	CWT.	100.00	55	BEANS	----	----	----	105	CREEP FEED	----	----	----
6	STOCKER STEERS	----	CWT.	0.15	56	-----	----	----	----	106	GROWTH STIMULANT	----	----	----
7	STOCKER HEIFERS	----	CWT.	95.00	57	-----	----	----	----	107	COTTONSEED CAKE	----	LB.	0.12
8	FEEDER STEERS	----	CWT.	90.00	58	-----	----	----	----	108	SUPPLEMENT	----	----	----
9	FEEDER HEIFERS	----	CWT.	85.00	59	-----	----	----	----	109	RANGE SUPPLEMENT	----	----	----
10	FEEDER CALVES	----	CWT.	87.50	60	-----	----	----	----	110	RANGE CUBES	----	LB.	0.10
11	SLAUGHTER STEERS	----	CWT.	75.00	61	BROILERS	----	----	----	111	CONCENTRATES	----	----	----
12	SLAUGHTER HEIFER	----	CWT.	70.00	62	LAYERS	----	----	----	112	PROT. SUPPLEMENT	----	----	----
13	STEER CALVES	CANT	CWT.	110.00	63	DUCKS	----	----	----	113	13-14% PRO FEED	----	----	----
14	HEIFER CALVES	----	CWT.	100.00	64	TURKEYS	----	----	----	114	15-16% PRO FEED	----	----	----
15	BREEDING HEIFERS	----	HEAD	700.00	65	-----	----	----	----	115	SUPPLEMENT, 20%	----	----	----
16	DEATH LOSS 3%	----	DOL.	1.00	66	-----	----	----	----	116	21-25% PRO FEED	----	----	----
17	CULL COWS	----	CWT.	50.00	67	-----	----	----	----	117	26-30% PRO FEED	----	----	----
18	BULL	----	CWT.	72.00	68	-----	----	----	----	118	31-35% PRO FEED	----	----	----
19	CALVES	----	CWT.	110.00	69	-----	----	----	----	119	36-40% PRO FEED	----	----	----
20	BULL CALVES	----	HEAD	100.00	70	COTTON-UPLAND	----	----	----	120	41-45% PRO FEED	----	----	----
21	CULL DAIRY COWS	----	CWT.	48.00	71	COTTON-PIMA	----	----	----	121	46-50% PRO FEED	----	----	----
22	DAIRY BULL CALVE	----	HEAD	100.00	72	CORN	----	BU.	3.65	122	MILK REPLACER	----	----	----
23	KID MOHAIR	----	LB.	5.50	73	GRAIN SORGHUM	----	CWT.	6.25	123	GRAIN MIX	----	----	----
24	ADULT MOHAIR	----	LB.	4.00	74	OATS	----	----	----	124	CALF FEED	----	----	----
25	KID GOATS	----	HEAD	30.00	75	RYE	----	----	----	125	DAIRY SUPPLEMENT	----	----	----
26	DOES	----	HEAD	40.00	76	WHEAT	----	----	4.40	126	SOYBEAN MEAL	----	----	----
27	CELL	----	----	----	77	TRITICALE	----	----	----	127	GROWING RATION	----	----	----
28	DEER LEASE	----	ACRE	2.00	78	RICE	----	----	----	128	FATTENING RATION	----	----	----
29	FEEDER LAMBS	----	LB.	0.69	79	WINTER WHEAT	----	BU.	4.40	129	FINISHING RATION	----	----	----
30	SHEEP	----	HEAD	80.00	80	SPRING WHEAT	----	BU.	4.00	130	TOT. DIG. NUT.	----	----	----
31	LAMBS	----	LB.	0.70	81	ALFALFA HAY	----	----	----	131	DIG. PROTEIN	----	----	----
32	EWE LAMBS	----	HEAD	80.00	82	-----	----	----	----	132	DRY MATTER	----	----	----
33	SLAUGHTER LAMBS	----	LB.	0.70	83	BERMUDA	----	----	----	133	AUM'S	----	----	----
34	-----	----	----	----	84	WHEAT&RYE GRASS	----	----	----	134	-----	----	----	----
35	EWES	----	----	----	85	NATIVE GRASS	----	----	----	135	SOW FEED GEST.	----	CWT.	6.95
36	CULL EWES	----	LB.	0.20	86	-----	----	----	----	136	SOW FEED LACT.	----	CWT.	6.95
37	RAMS	----	----	----	87	SORGHUM FORAGES	----	----	----	137	BOAR FEED	----	CWT.	6.95
38	-----	----	----	----	88	FOR. SORGHUM HAY	----	----	----	138	PIG STARTER	----	CWT.	6.15
39	MUTTON SHEEP	----	LB.	0.20	89	CITRUS	----	----	----	139	-----	----	----	----
40	-----	----	----	----	90	-----	----	----	----	140	-----	----	----	----
41	RAISING HERD REP	----	----	----	91	POTATOES	----	----	----	141	-----	----	----	----
42	SLAUGHTER HOGS	----	CWT.	50.00	92	GUAR	----	CWT.	17.00	142	-----	----	----	----
43	MARKET HOGS	----	CWT.	50.00	93	COTTON LINT	----	LB.	0.86	143	-----	----	----	----
44	GILT	----	----	----	94	COTTONSEED	----	TON	120.00	144	-----	----	----	----
45	SOWS	----	----	----	95	PEANUTS	----	----	----	145	RANGE IMPROV	----	ACRE	3.00
46	CULL SOWS	----	CWT.	36.00	96	PECANS	----	----	0.65	146	DEATH LOSS	----	----	----
47	-----	----	----	----	97	PEACHES WHSLE	----	----	----	147	DEATH LOSS PIGS	----	----	----
48	DEATH LOSS 2%	PIGS	HEAD	112.50	98	SOYBEANS	----	BU.	8.00	148	DEATH LOSS STOC.	----	----	----
49	FEEDER PIGS	----	LB.	0.62	99	-----	----	----	----	149	BREEDING	----	----	----
50	CARCASS	----	----	----	100	SUGAR BEETS	----	----	----	150	COASTAL PASTURE	----	----	----

LISTING OF NAME SET AND PRICE VECTOR REGION NUMBER: 16 DATE: 012281

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE	
151	PASTURE MAINT.		ACRE	1.50	201					251	2-4-D				
152	SM. GR. PASTURE		DAYS	0.50	202					252	BROAD LEAF HERB				
153	PASTURE, TAME				203					253	GRASS KILLER				
154	PASTURE, NATIVE				204					254	PRE-MERGE HERB				
155	SORGHUM PASTURE		DAYS	0.50	205	FERT (N) APPL'D		LB.		255	SOIL STERILANT				
156	COASTAL-RG-CL				206	FERT (P) APPL'D		LB.		256	DEFOLIANT		ACRE	12.50	
157	COASTAL RYEGRASS				207	TOP DRESS FERT.		ACRE	1.75	257	POST EMERGE HERB				
158	COMMON LEGUME				208	SIDE DRESS FERT.		APPL		258	BANDED HERBICIDE				
159	COASTAL LEGUME				209	PLOW DOWN FERT.		APPL		259	BROADCAST HERB.				
160	RYEGRASS-CLOVER				210	FERTILIZER		LB.		260					
161	CORN SILAGE		TON	23.00	211	NITROGEN		LB.		261	FURIGANT				
162	GRASS SILAGE				212	NITROGEN (DRY)		LB.	0.26	262	SEED TREATMENT				
163	SORGHUM SILAGE				213	NITROGEN (ANHY)		LB.	0.15	263	RODENT CONTROL				
164	HAYLAGE				214	NITROGEN (LIQ)		LB.	0.23	264	NEMATODE CONTROL				
165	SM GRAIN STUBBLE				215	PHOSPHATE		LB.	0.32	265	DESICCANT				
166	CORN STALKS				216					266	PRESERVATIVE				
167	CROP RESIDUE				217	MIXED FERT.				267	CUS HARV SOYBEAN				
168	STRAW				218	INSECTICIDE				268	CUS HARV WHEAT I		BU.	0.20	
169	WET CORN				219	HERBICIDE		LB.	7.00	269	CUST HARV WHEAT		ACRE	15.00	
170	HAY		BALE	2.25	220	POTASH		LB.	0.23	270	CUST HARV SORG D		ACRE	18.00	
171	LEGUME HAY				221					271	CUST HARV SORG I		CWT.	0.38	
172	GRASS HAY				222					272	CUST HARV CORN		ACRE	25.00	
173	MIXED HAY				223					273	SUGAR BEETS HARV				
174	NATIVE HAY				224					274	CUSTOM HAUL		CWT.	0.30	
175	SORGHUM HAY		TON	65.00	225					275	CUSTOM HARV&HAUL		BEET	TON	8.80
176	HAY (PROD.COST)				226					276	STRIP & HAUL				
177	RANGE IMPROVE.		ACRE	3.00	227	FOLIAR FEED				277	HAUL,COMP.EDUC.				
178	IMPROVED PASTURE				228					278	COTTON GINNING				
179	WHEAT PASTURE				229					279	HAUL,GIN,B&T				
180	PASTURE MAINT.	IMPR	ACRE	3.00	230	LIME&GYPSUM				280	BAGS,TAGS,ETC.				
181	SEED WHEAT				231	LIME				281	HAUL, COMP&EDUC				
182	GRASS SEED				232	GYPSUM				282	GIN, BAG, TIES		BALE	49.00	
183	SUGAR BEET SEED				233	SOIL INSECTICIDE				283	HAUL GRAIN SORG		CWT.	0.30	
184	SEED CORN/GRAIN		LB.	1.40	234					284	HAUL WHEAT		BU.	0.13	
185	SEED CORN/SILAGE		LB.	0.80	235	SOIL TEST				285	HAUL CORN		BU.	0.17	
186	SPAIN SORG. SEED		LB.	0.59	236	SOIL FUNGICIDE				286	CUS HARV S. PEAS				
187	FORAGE SORG SEED		LB.	0.30	237	FOLIAR FUNGICIDE				287	HAUL S. PEAS				
188	ALFALFA SEED		LB.		238	INSECT. & FUNGI.				288	HAUL GUAR		CWT.	0.25	
189	SOYBEAN SEED		LB.	0.25	239	FUNGICIDE				289	CUS HARV GUAR		ACRE	18.00	
190	RYEGRASS SEED				240	INSECTICIDE				290	SEED COTTON-PIMA				
191	COTTON DELINTED				241					291	SD COTTON-UPLAND		LB.	0.55	
192	SOUTHERN PEA SD				242	METHOXYCHLOR				292	HARV.&HAUL PIMA				
193	COTTONSEED		TON	120.00	243	MALATHION				293	HARV&HAUL UPLAND				
194	SOUTHERN PEAS				244	PARATHION				294	GIN,BAG,TIE-PIMA				
195	GUAR SEED		LB.	0.24	245	INSECT. - EARLY				295	GIN,BAG,T UPLAND				
196	COASTAL HAY				246	INSECT. - LATE				296					
197	SPRING WHEAT SD.		LB.	0.16	247					297					
198	WINTER WHEAT SD.		LB.	0.16	248	HERB, PREMERGE				298					
199	POTATOE SEED				249	HERB, POSTEMERGE				299	PEAR BURNING				
200	SEED				250	HERBICIDE				300	MACHINE HIRE				

87.

LISTING OF THE NAME SET AND PRICE VECTOR

REGION NUMBER: 10

DATE: 012281

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
301	CAR RENTAL	----	----	----	351	WEIGHING	----	----	----	401	-----	----	----	----
302	TRUCK RENTAL	----	----	----	352	CUSTOM GRINDING	----	----	----	402	-----	----	----	----
303	TRACTOR RENTAL	----	----	----	353	GRINDING&MIXING	----	----	----	403	-----	----	----	----
304	TRUCKING	----	----	----	354	CUSTOM BRANDING	----	----	----	404	-----	----	----	----
305	EARTH MOVING	----	----	----	355	-----	----	----	----	405	-----	----	----	----
306	DITCHING	----	----	----	356	-----	----	----	----	406	-----	----	----	----
307	DIGGING	----	----	----	357	-----	----	----	----	407	-----	----	----	----
308	LAND PREPARATION	----	----	----	358	OTHER IRIG LABOR	----	----	----	408	SALT & MINERAL	----	LB.	0.07
309	DEEP BREAK	----	----	----	359	IRRIG. LABOR	----	HOUR	4.50	409	VET & PROCESSING	----	----	----
310	HIRE TILL. EQUIP	----	----	----	360	HAND HARVEST	----	----	----	410	VET MEDICINE	----	DOL.	1.00
311	HIRE PLANT EQUIP	----	----	----	361	THINNING	----	----	----	411	VET SERVICE	----	----	----
312	HIRE HARV EQUIP	----	----	----	362	PRUNING	----	----	----	412	MEDICINE	----	----	----
313	HIRE HAYING EQUI	----	----	----	363	HOEING	----	HOUR	3.20	413	SHEARING	----	----	----
314	HIRE LIVSTKEQUIP	----	----	----	364	-----	----	----	----	414	VET & MEDICINE	HOGS	DOL.	1.00
315	-----	----	----	----	365	-----	----	----	----	415	-----	----	----	----
316	HIRE SILAG EQUIP	----	----	----	366	-----	----	----	----	416	VET MED & IMP.	----	HEAD	0.50
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	----	HEAD	0.50	372	TREE REPLACEMENT	----	----	----	422	LP GAS	----	GAL.	0.68
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	----	LB.	0.11	378	-----	----	----	----	428	-----	----	----	----
329	FUNGICIDE APPLI.	----	ACRE	2.50	379	PROCESS&MARKET	----	----	----	429	-----	----	----	----
330	FERTILIZER APPLI.	----	ACRE	3.00	380	HARV.PACK.MARKET	----	----	----	430	FUEL FOR HEATING	----	----	----
331	PESTICIDE APPLI.	----	ACRE	2.50	381	CUSTOM HARVEST	----	----	----	431	FUEL FOR DRYING	----	----	----
332	HERBICIDE APPLI.	CSTM	ACRE	4.00	382	CUSTOM PACKING	----	----	----	432	DRYING	----	----	----
333	INSECT. APPLI.	----	APPL	2.50	383	MARKETING	----	----	----	433	STORAGE	----	----	----
334	HIRE FERT SPREAD	----	----	----	384	-----	----	----	----	434	FARM STORAGE	----	----	----
335	DEFOLIANT APPLI.	----	ACRE	2.50	385	PACK & CONTAINER	----	----	----	435	CCMM. STORAGE	----	----	----
336	SCOUTING	----	----	----	386	-----	----	----	----	436	WAREHOUSING	----	----	----
337	CUSTOM SPRIGGING	----	----	----	387	-----	----	----	----	437	-----	----	----	----
338	SWATH BALE HAUL	----	----	----	388	-----	----	----	----	438	COLS STORAGE	----	----	----
339	MOW,RAKE,BALE	----	BALE	0.65	389	-----	----	----	----	439	-----	----	----	----
340	CUSTOM BALING	----	BALE	0.65	390	-----	----	----	----	440	BROKERAGE	----	----	----
341	CUSTOM BALE HAUL	----	BALE	0.35	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	CCNTAINERS	----	----	----
344	CUSTOM STAKING	----	----	----	394	REPAIRS & MAINT.	LIVE	DOL.	1.00	444	PACKING	----	----	----
345	HAUL & STACK	----	----	----	395	FENCE REPAIR	----	DOL.	1.50	445	TAXES	----	----	----
346	STACK MOVING	----	----	----	396	WATER FACIL REPR	----	HEAD	2.00	446	REAL ESTATE TAX	----	----	----
347	HAYING&STACKING	----	----	----	397	397	----	HEAD	1.55	447	PERSONAL TAXES	----	----	----
348	-----	----	----	----	398	CORRAL REPAIR	----	----	----	448	LICENSES	----	----	----
349	-----	----	----	----	399	MGMT RECORDS	----	----	----	449	PERMITS	----	----	----
350	HAULING&MKTG	----	HEAD	1.00	400	MISC EXPENSE	----	DOL.	1.00	450	INSUR. PREMIUMS	----	----	----

88.
 LISTING OF THE NAME SET AND PRICE VECTOR REGION NUMBER: 16 DATE: 012281

CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE	CODE	ITEM NAME	NMOD	UNIT	PRICE
451	HAIL INSURANCE	----	----	----	501	CAEBAGE	----	BAGS	4.50	551	HERBICIDE	GN10	ACRE	15.00
452	-----	-----	-----	-----	502	CANTALOUPS	----	CRTN	5.50	552	HERBICIDE	SP.8	ACRE	20.00
453	LIVESTOCK INS	----	----	----	503	CARROTS	----	CELO	6.00	553	HERB. PEANUTS	----	ACRE	8.00
454	HAIL INS. WHEAT	----	----	----	504	CUCUMBERS	----	CRTN	5.50	554	HERB. SUNFL.	----	ACRE	8.25
455	HAIL INS. COTTON	----	----	----	505	CUCUMB. PICKLES	----	CWT.	7.00	555	HERBICIDE	SOY8	ACRE	8.50
456	CROP INS. WHEAT	----	----	----	506	BUFFLE GP. PAST	----	DAYS	0.50	556	INSECTICIDE	CABB	APPL	6.50
457	CROP INS. COTTON	----	----	----	507	CNIONS	----	BAGS	5.50	557	INSECTCD CNTLOUPS	CANT	APPL	5.00
458	HAIL INS SORGHUM	----	----	----	508	SPINACH, FRESH	----	BU.	5.75	558	INSECTICIDE	CARR	APPL	4.00
459	GEN FM OVERHEAD	----	----	----	509	SPINACH, PROCESS	----	TGN	78.50	559	INSECTICIDE	CORN	APPL	8.00
460	UTILITIES	----	----	----	510	LETTUCE	----	CRTN	4.50	560	INSECTICIDE	COTT	APPL	8.50
461	-----	-----	-----	-----	511	OATS, GRAZING	----	DAYS	0.50	561	INSECTICIDE	CUC.	APPL	7.50
462	-----	-----	-----	-----	512	WHEAT SD TREATED	----	LB.	0.18	562	INSECTICIDE	LETT	APPL	6.50
463	-----	-----	-----	-----	513	BUFFLE GRASS SD	----	CRTN	5.00	563	INSECTICIDE	SORG	APPL	2.50
464	ELECTRICITY	----	----	----	514	CABBAGE SEED	----	LB.	42.00	564	INSECTICIDE	GN10	APPL	3.50
465	IRRIG. EQUIP.	----	----	----	515	CANTALDUP SEED	----	LB.	5.50	565	INSECTICIDE	PEAN	APPL	3.50
466	WATER CHARGE	----	----	----	516	CARROT SEED	----	LB.	6.50	566	INSECTICIDE	SPIN	APPL	11.00
467	TANK IRRIGATION	----	----	----	517	CUCUMBER SEED	----	LB.	4.00	567	INSECT. SUNFL.	----	APPL	4.00
468	IRRIGATION WATER	----	ACIN	2.40	518	CUCUMBER=PCKL SD	----	LB.	8.00	568	INSECTICIDE	SOY8	APPL	6.00
469	ALLOTMENT LEASE	----	----	----	519	ONION SEED	----	LB.	12.50	569	BEETS, PROCESS	----	TGN	40.00
470	RENT	----	----	----	520	OATS SEED	----	LB.	0.10	570	FUNGICIDE	CABB	APPL	6.50
471	VEH & MOTOR RENT	----	----	----	521	SPINACH=FRESH SD	----	LB.	1.65	571	FNGICD CANTALDUP	----	APPL	3.00
472	MACHINERY RENT	----	----	----	522	SPINACH=PROC. SD	----	LB.	2.00	572	FUNGICIDE	CARR	APPL	3.00
473	BUILDING RENT	----	----	----	523	LETTUCE SEED	----	LB.	24.00	573	FUNGICIDE	CUC.	APPL	3.00
474	LAND RENT	----	----	----	524	PEANUT SEED	----	LB.	1.00	574	FUNGICIDE	LETT	APPL	6.00
475	LAND-CASH RENT	----	----	----	525	SUNFLOWER SEED	----	LB.	7.50	575	FUNGICIDE	GN10	APPL	5.00
476	LAND-SHARE RENT	----	----	----	526	SPRIG & SPRIGGNG	----	ACRE	40.00	576	FUNGICIDE	PEAN	APPL	5.00
477	PASTURE RENT	----	----	----	527	HVST,PKG,MKT CBG	----	BAGS	2.20	577	FUNGICIDE	SPIN	APPL	4.50
478	GRAZING PERMITS	----	----	----	528	HRV,PKG,MKT CNTP	----	CRTN	4.00	578	CSTL PAST GRAZNG	----	DAYS	0.50
479	GRAZING LEASES	----	ACRE	3.50	529	HRV,PKG,MKT CRRT	----	CELO	4.25	579	CUSTOM ROOT PLOW	----	ACRE	45.00
480	TRUCKING&TRAVEL	----	----	----	530	HRV,PKG,MKT	CCMB	CRTN	3.50	580	CSTL BERMUDA HAY	----	TON	70.00
481	TRUCKING	----	----	----	531	HARVEST, PICKLES	CCMB	CWT.	3.50	581	CSTM HRV STP CTN	----	CWT.	1.75
482	FREIGHT	----	----	----	532	HARV,PKG,MKT	CN10	BAGS	3.30	582	GIN STRPR COTTON	----	CWT.	1.75
483	-----	-----	-----	-----	533	HARV,PKG,MKT	SPIN	BU.	4.00	583	BL.BG.TIE-ST CTN	----	BALE	13.00
484	HAULING	----	----	----	534	HARV,PKG,HAUL	SPPR	TON	3.80	584	BEEHIVE RENT	----	ACRE	10.00
485	HAULING & MKTG.	STOC	CWT.	0.50	535	HARV,PKG,HAUL	LETT	CRTN	3.00	585	BEE SEED	----	LB.	2.40
486	SALES COMM	----	DOL.	1.00	536	HARV HAUL SUNF	----	ACRE	11.00	586	NEMATOCIDE	----	ACRE	7.00
487	SESAME	----	LB.	0.20	537	CUST DRY PEANUT	----	TON	22.50	587	SPANISH PEANUTS	----	CWT.	25.00
488	SESAME SD	----	LB.	1.00	538	CUSTOM HAUL PEAN	----	TGN	6.70	588	FUNGICIDE	BEET	ACRE	4.50
489	SUPPLIES	----	----	----	539	CUST. HARV SB	----	BU.	0.50	589	PEANUT ALLOT LES	----	CWT.	2.00
490	-----	-----	-----	-----	540	CUST HAUL SB	----	BU.	0.10	590	SPINACH SECONDS	----	TGN	1.00
491	-----	-----	-----	-----	541	CUSTOM HAUL	HAY	BALE	0.15	591	GRAZING	----	DAYS	0.50
492	-----	-----	-----	-----	542	HERBICIDE	HAY	ACRE	3.50	592	CUSTOM FERTILIZE	----	ACRE	1.75
493	-----	-----	-----	-----	543	HERBICD. CABBAGE	----	ACRE	8.00	593	SUNFLOWERS	----	LB.	0.15
494	-----	-----	-----	-----	544	HERBICD. CNTLPS.	----	ACRE	13.50	594	CUSTOM HARVSUNFL	----	ACRE	11.00
495	-----	-----	-----	-----	545	HERBICIDE	CARR	ACRE	8.00	595	INNOCULANT	----	ACRE	0.10
496	-----	-----	-----	4.80	546	HERBICIDE	CORN	ACRE	13.00	596	CUSTOM HAUL	----	CWT.	0.20
497	BRUSH CLEARING	----	----	----	547	HRBICD. COTTON	----	ACRE	8.00	597	CUST.HAUL HAY	----	BALE	0.35
498	SHAVINGS	----	----	----	548	HRBICD. CUCUMBER	----	ACRE	20.00	598	MISC ADMIN O/H	----	ACRE	10.00
499	BORON APPLICAT.	BEET	ACRE	2.50	549	HERBICIDE	LETT	ACRE	8.00	599	HERBICIDE	GUAR	ACRE	7.50
500	BORON	BEET	ACRE	2.00	550	HERBICIDE	SORG	ACRE	3.75	600	-----	-----	-----	-----

TABLE XX. DEFAULT PARAMETER VALUES AND DEFINITIONS
 REGION: 16 DATE: 012281

ROW	PARAMETER DEFINITION	DEFAULT VALUE
1.	PRICE PER GALLON OF GASOLINE	1.1500
2.	PRICE PER GALLON OF L.P. GAS	0.6700
3.	PRICE PER GALLON OF DIESEL	0.9800
4.	PRICE PER KILOWATT HOUR OF ELECTRICITY	0.0750
5.	PRICE PER 1000 CU. FT. OF NATURAL GAS	0.2700
6.	NOMINAL INTEREST RATE	0.1500
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	3.50
12.	PRICE OF IRRIGATION LABOR PER HOUR	3.50
13.	DEATH LOSS (PERCENT OF TOTAL RECEIPTS)	0.0200
14.	LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)	0.0100
15.	EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)	0.0100
16.	LIVESTOCK TAX RATE (AVERAGE VALUE)	0.0
17.	EQUIPMENT TAX RATE (AVERAGE VALUE)	0.0
18.	IRRIGATION LABOR MULTIPLIER (HRS/ACIN)	0.1000
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
23.	REAL INTEREST RATE	0.9800

MACHINERY COMPLEMENT(16)

DATE: 012281

NAME OF MACHINE	COLUMN CODE	1 WIDTH (FEET)	2 INITIAL LIST PRICE	3 SPEED (MPH)	4 FIELD EFFIC- ENCY	5 RC1	6 AGE	7 RC3	8 HOURS USED ANNUALLY	9 YEARS OWNED	10 RFV1	11 RFV2	12 PURCHASE PRICE	13 FUEL TYPE	14 HOURS OF LIFE	15 HP
TRACTOR	1.	150.0	36200.	4.5	0.88	1.20	0.0	1.60	500.	7.0	0.680	0.920	33120.	3.	12000.	150.
TRACTOR	2.	125.0	31250.	4.5	0.88	1.20	0.0	1.60	600.	7.0	0.680	0.920	28125.	3.	12000.	125.
TRACTOR	3.	100.0	27360.	4.5	0.88	1.20	0.0	1.60	500.	7.0	0.680	0.920	24620.	3.	12000.	100.
TRACTOR	4.	75.0	17700.	4.5	0.88	1.20	0.0	1.60	300.	7.0	0.680	0.920	15930.	3.	12000.	75.
TRACTOR	5.	40.0	10500.	4.5	0.88	1.20	0.0	1.60	300.	7.0	0.680	0.920	9720.	3.	12000.	40.
TRACTOR 4 WH DR	6.	225.0	56900.	4.5	0.88	1.20	0.0	1.60	600.	7.0	0.680	0.920	51210.	3.	12000.	225.
	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 TRUCK	10.	0.5	7000.	30.0	0.88	0.80	0.0	1.60	700.	3.0	0.600	0.885	7000.	1.	2800.	1.
	11.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	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.
SPCOMBINE	13.	14.0	47760.	3.0	0.70	0.33	0.0	1.80	100.	6.0	0.640	0.885	47760.	1.	2000.	120.
SPCOMBINE	14.	20.0	50050.	3.0	0.70	0.33	0.0	1.80	100.	6.0	0.640	0.885	50050.	1.	2000.	150.
	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	21600.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	19440.	1.	1.	0.
	19.	1.0	10900.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	8640.	1.	1.	0.
	20.	1.0	16200.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	12960.	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.
	23.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	1.	1.	0.
	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.
SHREDDER	30.	14.0	5180.	3.7	0.80	0.60	0.0	1.80	200.	7.0	0.600	0.885	4750.	0.	2000.	0.
	31.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
MOLDBOARD PLOW	32.	5.3	6480.	4.5	0.80	1.00	0.0	1.30	100.	7.0	0.600	0.885	6480.	0.	2000.	0.
CHISEL PLOW	33.	15.0	3780.	4.5	0.80	1.00	0.0	1.80	200.	7.0	0.600	0.885	3780.	0.	2000.	0.
OFFSET DISC	34.	12.0	6590.	4.8	0.83	0.65	0.0	1.80	100.	7.0	0.600	0.885	6590.	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.
BEDDER 6R	36.	20.0	3780.	4.5	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	1760.	0.	2000.	0.
ROLLING CULT 4R	37.	12.0	2700.	3.5	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	2700.	0.	2000.	0.
ROLLING CULT 6R	38.	18.0	3780.	3.5	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	3780.	0.	2000.	0.
CULTIVATOR 4R	39.	12.0	3025.	5.0	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	2590.	0.	2000.	0.
CULTIVATOR 6R	40.	18.0	3240.	5.0	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	3240.	0.	2000.	0.
PLANTER 4R	41.	13.3	5180.	4.5	0.60	0.80	0.0	1.60	75.	7.0	0.600	0.885	5180.	0.	1200.	0.
PLANTER 6R	42.	18.0	6480.	4.5	0.60	0.80	0.0	1.60	75.	7.0	0.600	0.885	6480.	0.	1200.	0.
	43.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
STANHAY PLANTER	44.	13.3	3240.	4.5	0.60	0.80	0.0	1.80	75.	7.0	0.600	0.885	3240.	0.	1200.	0.
	45.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
GRAIN DRILL	46.	14.0	3990.	4.0	0.72	0.75	0.0	1.80	50.	7.0	0.600	0.885	3890.	0.	1000.	0.
	47.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
BED SHAPER 6R	48.	12.0	2700.	4.5	0.80	1.00	0.0	1.80	100.	7.0	0.600	0.885	1950.	0.	2000.	0.
	49.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
LAND PLANE	50.	12.0	6480.	6.0	0.60	0.60	0.0	1.80	100.	7.0	0.600	0.885	*****	0.	2500.	0.

MACHINERY COMPLEMENT(16)

DATE: 012281

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
	51.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	52.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	53.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
V-TYPE DITCHER	54.	5.0	1080.	4.5	0.90	1.00	0.0	1.80	100.	7.0	0.600	0.885	1080.	0.	2000.	0.
	55.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
SCRAPE BLADE	56.	6.0	1300.	6.0	0.60	0.60	0.0	1.80	50.	7.0	0.600	0.885	1080.	0.	2100.	0.
	57.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
TANDEN DISC	58.	14.0	4320.	4.5	0.63	0.65	0.0	1.80	100.	7.0	0.600	0.885	4320.	0.	2000.	0.
	59.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
DRY FERT SPRDGR	60.	20.0	2700.	4.0	0.67	1.20	0.0	1.80	50.	7.0	0.600	0.885	2700.	0.	1200.	0.
	61.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	62.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
HERBICIDE SPRAYR	63.	12.0	1300.	4.0	0.65	1.00	0.0	1.80	35.	7.0	0.600	0.885	1300.	0.	1200.	0.
HERBICIDE SPRAYR	64.	20.0	2160.	4.0	0.65	1.00	0.0	1.80	35.	7.0	0.600	0.885	2160.	0.	1200.	0.
ROD WEEDER	65.	16.0	1190.	5.0	0.80	1.00	0.0	1.80	100.	10.0	0.600	0.885	1080.	0.	2000.	0.
PEANUT DIG SHK2R	66.	6.7	3240.	2.5	0.60	1.00	0.0	1.30	100.	12.0	0.600	0.885	1300.	0.	2500.	0.
PEANUT COMB. 2R	67.	6.7	16200.	2.5	0.60	0.50	0.0	1.80	100.	12.0	0.600	0.885	16200.	0.	2500.	0.
PEANUT PLANTER	68.	12.7	5400.	4.5	0.60	0.80	0.0	1.60	75.	10.0	0.600	0.885	5400.	0.	1200.	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.
COTTON WAGON	70.	20.0	3240.	10.0	0.82	1.00	0.0	1.80	1.	10.0	0.600	0.885	3240.	0.	2000.	0.
	71.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
HARROW SPIKE	72.	18.0	1080.	4.5	0.80	0.65	0.0	1.80	35.	10.0	0.600	0.885	1080.	0.	2000.	0.
HARROW SPIKE	73.	24.0	1620.	4.5	0.80	0.65	0.0	1.80	35.	10.0	0.600	0.885	1620.	0.	2000.	0.
	74.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
HIGH HERB. SPRAY	75.	6.7	12960.	4.0	0.65	1.00	0.0	1.80	100.	10.0	0.600	0.885	12960.	0.	1200.	0.
	76.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	77.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	78.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	79.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	80.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	0.
	81.	1.0	1.	1.0	1.00	1.00	0.0	1.00	1.	1.0	1.000	1.000	1.	0.	1.	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 - 2-81, New ECO 7-2

1.

COW-CALF PRODUCTION TEXAS EDWARDS AQUIFER REGION
 PROJECTED COSTS AND RETURNS PER COW
 UNIMPROVED BRUSH COUNTRY

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.10	CWT.	110.00	0.40	180.40
HEIFER CALVES	3.90	CWT.	100.00	0.25	97.50
CULL COWS	9.50	CWT.	50.00	0.10	47.50
DEER LEASE	1.00	ACRE	2.00	25.00	50.00
2.0 PERCENT DEATH LOSS		DOL.			<u>7.51</u>
TOTAL					367.89
2. VARIABLE COSTS					
SALT & MIN.		HEAD	10.00	1.00	10.00
VET MEDICINE		DOL.	1.00	3.00	3.00
RANGE CUBES		LB.	0.10	75.00	7.50
HAY		BALE	2.25	2.00	4.50
SALES COMM		DOL.	1.00	9.00	9.00
CUSTOM HAULING		HEAD	0.50	1.00	0.50
FENCE REPAIR		DOL.	1.50	8.40	12.60
WATER FACIL REPR		HEAD	2.00	1.00	2.00
MISC EXPENSE		DOL.	1.00	10.00	10.00
MACHINERY(FUEL,LUBE,REP)		DOL.			7.35
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.22
LABOR, TRACTOR & MACHINERY		HRS.	4.50	1.80	8.10
LABOR, LIVESTOCK		HRS.	3.50	9.00	31.50
INTEREST ON UPER.CAP.,		DOL.	0.15	7.68	<u>1.15</u>
TOTAL VARIABLE COSTS					107.43
3. INCOME ABOVE VARIABLE COSTS					260.46
4. FIXED COSTS					
LAND RENT		ACRE	3.50	25.00	87.50
INT. ON LIVESTOCK CAPITAL		DOL.	0.15	761.86	114.28
INT. ON OTHER EQUIPMENT		DOL.	0.15	7.45	1.12
DEPR. ON COW RAISED		DOL.			15.00
DEPR. ON COW PURCHASED		DOL.			7.50
DEPR. ON BULL PURCHASED		DOL.			5.00
DEPR. ON HORSE		DOL.			0.88
DEPR. ON OTHER EQUIP.		DOL.			1.21
OTHER FC, MACH & EQUIP.		DOL.			<u>12.20</u>
TOTAL FIXED COSTS					244.68
5. TOTAL COSTS					352.12
6. NET RETURNS					15.78

SPRING AND FALL CALVING, 76% CALF CROP, 3% DEATH LOSS ON COWS,
 13% REPLACEMENT RATE, 10,000 ACRE RANCH, 400 ANIMAL UNITS.

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 10
 PICKUP 1.93
 DEPR 0.07
 INSUR. 0.05
 TAX 2.07
 TOTAL FIXED REPAIR 0.74
 MACHINERY FIXED AND VARIABLE COST PER HOUR
 FUEL 3.79
 LUB. 0.57
 TOTAL VARIABLE 5.11
 INT. 1.06
 HR/TIME 1.00

ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK

LINE NO.	ITEM	SIZE	UNIT	LIST PRICE	DEPREC- IATION	INTEREST	INSUR- ANCE	TAXES	REPAIRS AND LUBE	FUEL	HOURS	TOT OWN- ERSH/HR	TOT OPER- ATING/YR
1	STOCK TRAILER	16.00	Cbt.	2600.00	214.00	199.50	13.30	0.0	13.00	0.0	0.0	227.30	13.00
2	STOCK SPRAYER	150.00	GAL.	1000.00	90.00	82.50	5.50	0.0	10.00	0.0	0.0	95.50	10.00
3	TACK	1.00	DCL.	500.00	45.00	41.25	2.75	0.0	5.00	0.0	0.0	47.75	5.00
51	COW RAISED	1.00	HEAD	750.00	18.75	101.25	6.75	0.0	0.0	0.0	0.0	25.50	0.0
54	BULL PURCHASED	1.00	HEAD	750.00	37.50	90.00	6.00	0.0	0.0	0.0	0.0	43.50	0.0
54	HULL PURCHASED	1.00	HEAD	1500.00	100.00	180.00	12.00	0.0	0.0	0.0	0.0	112.00	0.0
55	HEIFER RAISED	1.00	HEAD	450.00	0.0	67.50	4.50	0.0	0.0	0.0	0.0	4.50	0.0
95	HORSE	1.00	HEAD	750.00	70.31	70.31	4.69	0.0	9.38	0.0	0.0	75.00	9.38

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK

LINE NO.	ITEM	SIZE	UNIT	NUMBER	PROPOR. CHARGES	OWNERSHIP OPERATING CHARGES	INTEREST CHARGES	LABOR HOURS CHARGED
1	STOCK TRAILER	16.00	Cbt.	1.00	0.00	0.57	0.03	0.50
2	STOCK SPRAYER	150.00	GAL.	1.00	0.00	0.24	0.02	0.21
3	TACK	1.00	DCL.	1.00	0.01	0.48	0.05	0.41
51	COW RAISED	1.00	HEAD	1.00	0.80	20.40	0.0	81.00
52	COW PURCHASED	1.00	HEAD	1.00	0.20	8.70	0.0	18.00
54	BULL PURCHASED	1.00	HEAD	1.00	0.05	5.60	0.0	9.00
54	HULL PURCHASED	1.00	HEAD	1.00	0.08	0.36	0.0	5.40
55	HEIFER RAISED	1.00	HEAD	1.00	0.01	0.94	0.12	0.88

NAME OF MACHINE PICKUP 10.0
 WIDTH 0.5
 INITIAL SPEED 30.0
 LIST PRICE 6000.0
 EFFIC- ENCY 0.88

COLUMN 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 YEARS OWNED 3.0
 ANNUALLY USED 600.0
 RC3 1.60
 RC1 0.80
 RC2 0.0
 RC3 1.60
 RCV1 0.600
 RCV2 0.885
 PURCHASE PRICE 6000.0
 FUEL TYPE 1.0
 FUEL OF LIFE 4000.0

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK

ITEM NAME	CODE	SIZE	UNIT	TYPE	PRICE	PURCHASE PRICE	YEARS LIFE	PROF OF LIST	REPAIR LIST	FUEL LUB AS PROP	ANNUAL LABOR
STOCK TRAILER	1.	16.00	16.	2.00	2600.00	2400.00	10.00	0.100	0.050	0.0	0.0
STOCK SPRAYER	2.	150.00	5.	2.00	1000.00	1000.00	10.00	0.100	0.100	0.0	0.0
TACK	3.	1.00	15.	2.00	500.00	500.00	10.00	0.100	0.100	0.0	0.0
COW RAISED	51.	1.00	1.	1.00	750.00	750.00	8.00	0.800	0.0	0.0	0.0
COW PURCHASED	52.	1.00	1.	1.00	750.00	750.00	8.00	0.600	0.0	0.0	0.0
BULL PURCHASED	54.	1.00	1.	1.00	1500.00	1500.00	6.00	0.600	0.0	0.0	0.0
HEIFER RAISED	55.	1.00	1.	1.00	450.00	450.00	8.00	1.000	0.0	0.0	0.0
HORSE	95.	1.00	1.	1.00	750.00	750.00	8.00	0.250	0.100	0.0	0.0

SPRING AND FALL CALVING. 76% CALF CROP. 3% DEATH LOSS ON COWS.
 13% REPLACEMENT RATE. 10,000 ACRE RANCH. 400 ANIMAL UNITS.
 MACHINERY COMPLEMENT 16
 EQUIPMENT COMPLEMENT 16
 PRICE VECTOR 16

PROJECTIONS FOR PLANNING PURPOSES ONLY
 NOT TO BE USED WITHOUT UPDATING AFTER 01/06/81. B-1241(L16)

COW-CALF PRODUCTION TEXAS EDWARDS AQUIFER REGION
 PROJECTED COSTS AND RETURNS PER COW
 ONE-THIRD IMPROVED AND TWO-THIRDS UNIMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.35	CWT.	110.00	0.40	191.40
HEIFER CALVES	4.15	CWT.	100.00	0.27	112.05
CULL COWS	9.75	CWT.	50.00	0.10	48.75
DEER LEASE	1.00	ACRE	2.00	15.00	30.00
2.0 PERCENT DEATH LOSS		CCL.			<u>7.64</u>
TOTAL					374.56
2. VARIABLE COSTS					
SALT & MIN.		HEAD	10.00	1.20	12.00
VET MEDICINE		CCL.	1.00	3.00	3.00
RANGE CUBES		LB.	0.10	60.00	6.00
HAY		BALE	2.25	1.00	2.25
SALES COMM		CCL.	1.00	10.00	10.00
HAULING&MKTG		HEAD	1.00	1.00	1.00
FENCE REPAIR		CCL.	1.50	7.20	10.80
WATER FACIL REPR		HEAD	2.00	0.90	1.80
MISC EXPENSE		CCL.	1.00	9.00	9.00
PASTURE MAINT.		ACRE	3.00	4.29	12.87
MACHINERY(FUEL,LUBE,REP)		CCL.			6.74
EQUIPMENT(FUEL,LUBE,REP)		CCL.			0.19
LABOR, TRACTOR & MACHINERY		HRS.	4.50	1.65	7.42
LABOR, LIVESTOCK		HRS.	3.50	7.50	26.25
INTEREST ON OPER.CAP..		CCL.	0.15	14.00	<u>2.10</u>
TOTAL VARIABLE COSTS					111.43
3. INCOME ABOVE VARIABLE COSTS					263.13
4. FIXED COSTS					
LAND RENT		ACRE	4.50	18.00	81.00
INT. ON LIVESTOCK CAPITAL		CCL.	0.15	748.22	112.23
INT. ON OTHER EQUIPMENT		CCL.	0.15	7.74	1.16
DEPR. ON COW RAISED		CCL.			15.00
DEPR. ON COW PURCHASED		CCL.			7.50
DEPR. ON BULL PURCHASED		CCL.			4.00
DEPR. ON HORSE		CCL.			0.63
DEPR. ON OTHER EQUIP.		CCL.			1.26
OTHER FC, MACH & EQUIP.		CCL.			<u>11.69</u>
TOTAL FIXED COSTS					234.47
5. TOTAL COSTS					345.90
6. NET RETURNS					28.65

FALL CALVING, 80% CALF CROP, 3% DEATH LOSS ON COWS, 13% REPLACEMENT RATE,
 4500 ACRE RANCH, 250 ANIMAL UNITS.

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4. MACHINE PICKUP	CODE	MACHINERY FIXED AND VARIABLE COST PER HOUR					REPAIR	FUEL	LUB.	TOTAL VARIABLE	INT.	HR/TIME
		DEPR	INSUR.	TAX	TOTAL FIXED							
	10	1.95	0.07	0.05	2.07	0.74	3.79	0.57	5.11	1.06	1.00	

ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK													
LINE NO.	ITEM	SIZE	UNIT	LIST PRICE	DEPREC-IATION	INTEREST	INSUR-ANCE	TAXES	REPAIRS	AND LUBE	FUEL	HOURS TOT OWN- LABOR	TOT OPER- ATING/YR
1	STOCK TRAILER	16.00	CWT.	2600.00	214.00	199.50	13.30	0.0	13.00	0.0	0.0	0.0	227.30
2	STOCK SPRAYER	150.00	GAL.	1000.00	90.00	82.50	5.50	0.0	10.00	0.0	0.0	0.0	95.50
3	TACK	1.00	DOL.	500.00	45.00	41.25	2.75	0.0	5.00	0.0	0.0	0.0	47.75
51	COW RAISED	1.00	HEAD	750.00	18.75	101.25	6.75	0.0	0.0	0.0	0.0	0.0	25.50
52	COW PURCHASED	1.00	HEAD	750.00	37.50	90.00	6.00	0.0	0.0	0.0	0.0	0.0	43.50
54	BULL PURCHASED	1.00	HEAD	1500.00	100.00	180.00	12.00	0.0	0.0	0.0	0.0	0.0	112.00
55	HEIFER RAISED	1.00	HEAD	450.00	0.0	67.50	4.50	0.0	0.0	0.0	0.0	0.0	4.50
95	HORSE	1.00	HEAD	750.00	70.31	70.31	4.69	0.0	9.38	0.0	0.0	0.0	75.00

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK									
LINE NO.	ITEM	SIZE	UNIT	NUMBER	PROPCR. CHARGED	CWNERSHP CHARGES	OPERATING CHARGES	INTERST CHARGES	LABOR HOURS CHARGED
1	STOCK TRAILER	16.00	CWT.	1.00	0.00	0.64	0.04	0.56	0.0
2	STOCK SPRAYER	150.00	GAL.	1.00	0.00	0.27	0.03	0.23	0.0
3	TACK	1.00	DOL.	1.00	0.01	0.43	0.04	0.37	0.0
51	COW RAISED	1.00	HEAD	1.00	0.80	20.40	0.0	81.00	0.0
52	COW PURCHASED	1.00	HEAD	1.00	0.20	8.70	0.0	18.00	0.0
54	BULL PURCHASED	1.00	HEAD	1.00	0.04	4.48	0.0	7.20	0.0
55	HEIFER RAISED	1.00	HEAD	1.00	0.08	0.36	0.0	5.40	0.0
95	HORSE	1.00	HEAD	1.00	0.01	0.67	0.08	0.63	0.0

NAME OF MACHINE	COLUMN CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		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	
PICKUP	10.	0.5	6000.	30.0	0.88	0.80	0.0	1.60	600.	3.0	0.600	0.885	6000.	1.	4000.	1.	

ITEM NAME	CODE	SIZE	UNIT	TYPE	LIST PRICE	PURCHASE PRICE	YEARS LIFE	PROP OF LIST	REPAIR PROP	FUEL LUB AS	ANNUAL LABOR HOURS
STOCK TRAILER	1.	16.00	16.	2.00	2600.00	2400.00	10.00	0.100	0.050	0.0	0.0
STOCK SPRAYER	2.	150.00	5.	2.00	1000.00	1000.00	10.00	0.100	0.100	0.0	0.0
TACK	3.	1.00	15.	2.00	500.00	500.00	10.00	0.100	0.100	0.0	0.0

COW RAISED	51.	1.00	1.	1.00	750.00	750.00	8.00	0.800	0.0	0.0	0.0
COW PURCHASED	52.	1.00	1.	1.00	750.00	750.00	8.00	0.600	0.0	0.0	0.0
BULL PURCHASED	54.	1.00	1.	1.00	1500.00	1500.00	6.00	0.600	0.0	0.0	0.0
HEIFER RAISED	55.	1.00	1.	1.00	450.00	450.00	8.00	1.000	0.0	0.0	0.0
HORSE	95.	1.00	1.	1.00	750.00	750.00	8.00	0.250	0.100	0.0	0.0

FALL CALVING, 80% CALF CROP, 3% DEATH LOSS ON COWS, 13% REPLACEMENT RATE, 4500 ACRE RANCH, 250 ANIMAL UNITS.

MACHINERY COMPLEMENT 16
EQUIPMENT COMPLEMENT 16
PRICE VECTOR 16

COW-CALF PRODUCTION TEXAS EDWARDS AQUIFER REGION
PROJECTED COSTS AND RETURNS PER COW
IMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.60	CWT.	110.00	0.43	217.58
HEIFER CALVES	4.40	CWT.	100.00	0.30	132.00
CULL COWS	10.00	CWT.	50.00	0.10	50.00
2.0 PERCENT DEATH LOSS		DCL.			<u>7.99</u>
TOTAL					391.59
2. VARIABLE COSTS					
SALT & MIN.		HEAD	10.00	1.40	14.00
VET MEDICINE		DCL.	1.00	3.00	3.00
RANGE CUBES		LB.	0.10	60.00	6.00
HAY		BALE	2.25	0.50	1.13
SALES COMM		DCL.	1.00	12.00	12.00
CUSTOM HAULING		HEAD	0.50	1.00	0.50
FENCE REPAIR		DCL.	1.50	5.20	7.80
WATER FACIL REPR		HEAD	2.00	0.75	1.50
PASTURE MAINT.		ACRE	3.00	6.67	20.01
MISC EXPENSE		DCL.	1.00	8.00	8.00
MACHINERY(FUEL,LUBE,REP)		DCL.			6.13
EQUIPMENT(FUEL,LUBE,REP)		DCL.			0.75
LABOR, TRACTOR & MACHINERY		HRS.	4.50	1.50	6.75
LABOR, LIVESTOCK		HRS.	3.50	6.00	21.00
INTEREST ON OPER.CAP.,		DCL.	0.15	17.02	<u>2.55</u>
TOTAL VARIABLE COSTS					111.11
3. INCOME ABOVE VARIABLE COSTS					280.47
4. FIXED COSTS					
LAND RENT		ACRE	7.50	10.00	75.00
INT. ON LIVESTOCK CAPITAL		DCL.	0.15	775.41	116.31
INT. ON OTHER EQUIPMENT		DCL.	0.15	8.39	1.26
DEPR. ON COW RAISED		DCL.			15.00
DEPR. ON COW PURCHASED		DCL.			7.50
DEPR. ON BULL PURCHASED		DCL.			4.00
DEPR. ON HORSE		DCL.			4.71
DEPR. ON OTHER EQUIP.		DCL.			1.36
OTHER FC, MACH & EQUIP.		DCL.			<u>11.59</u>
TOTAL FIXED COSTS					236.74
5. TOTAL COSTS					347.85
6. NET RETURNS					43.74

FALL CALVING, 86% CALF CROP, 3% DEATH LOSS ON COWS, 13% REPLACEMENT RATE,
100 ACRE RANCH, 200 ANIMAL UNITS.

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