DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
11/15/93	HARVEST	A	SOYBEANS	42.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/20/92	PREHARVEST	M	CHISELING		1.0000			.00
11/25/92	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
12/10/92	PREHARVEST	M	CHISEL/HARROW		1.0000			.00
12/15/92	PREHARVEST	M	PLANING	LAND	1.0000			.00
12/20/92	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
01/01/93	PREHARVEST	E	FED. CROP INS.*	SOYBEAN	1.0000	C	V	.00
03/15/93	PREHARVEST	E	HERBICIDE	SOYBEAN	1.0000	C	V	.00
03/15/93	PREHARVEST	M	CULT. & SPRAY		1.0000			.00
04/15/93	PREHARVEST	E	PHOSPHATE		50.0000	C	V	.00
04/15/93	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
05/10/93	PREHARVEST	M	RODWEEDING		1.0000			.00
05/20/93	PREHARVEST	E	SEED	SOYBEAN	42.0000	C	V	.00
05/20/93	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
05/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
06/15/93	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
06/20/93	PREHARVEST	O	IRRIGATION		3.0000			.00
06/30/93		E	MISC ADMIN O/H		1.0000		F	.00
07/01/93	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
07/15/93	PREHARVEST	M	CULTIVATING 6ROW	ROLLING	1.0000			.00
07/20/93	PREHARVEST	O	IRRIGATION		3.0000			.00
08/01/93	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
08/15/93	PREHARVEST	E	INSECTICIDE	SOYBEAN	1.0000	C	V	.00
08/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/20/93	PREHARVEST	O	IRRIGATION		3.0000			.00
09/01/93	PREHARVEST	H	HIRED LABOR		1.0000	C	V	.00
09/20/93	PREHARVEST	O	IRRIGATION		3.0000			.00
11/15/93	HARVEST	G	CUSTOM HARVEST	SOYBEAN	42.0000	C	V	.00
11/15/93	HARVEST	G	CUSTOM HAULING	SOYBEANS	42.0000	C	V	.00
11/15/93		K	LAND - CASH RENT	SOYBEANS	1.0000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

WINTER WHEAT, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT		40.000	bu.	0.7500	30.00	
GRAZING*		90.000	days	0.2800	25.20	
WHEAT	WINTER	40.000	bu.	3.1400	125.60	
Total GROSS Income					180.80	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
PHOSPHATE		40.000	lb.	.250	10.00	
NITROGEN (ANHY)		60.000	lb.	.100	6.00	
SEED		60.000	lb.	.160	9.60	
FED. CROP INS.*		1.000	acre	5.230	5.23	
NITROGEN (ANHY)		60.000	lb.	.100	6.00	
FUNGICIDE		0.400	appl	10.000	4.00	
PESTICIDE APPL.		0.400	acre	3.500	1.40	
Fuel & Lube	- Machinery		Acre		8.41	
	- Irrigation		Acre		37.11	
Repairs	- Machinery		Acre		2.25	
	- Irrigation		Acre		7.22	
Labor	- Machinery	2.148	Hour	5.398	11.59	
	- Irrigation	1.200	Hour	5.399	6.48	
Total PREHARVEST					115.29	
HARVEST						
CUSTOM HARVEST		1.000	acre	17.500	17.50	
CUSTOM HAULING		40.000	bu.	.250	10.00	
Total HARVEST					27.50	
Interest	- OC Borrowed	53.567	Dol.	0.098	5.22	
Total VARIABLE COST					148.02	
GROSS INCOME minus VARIABLE COST					32.78	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	29.82	
Irrigation	Acre	38.73	
Land	Acre	30.00	
Total FIXED Cost		106.54	
Total of ALL Cost		254.56	
NET PROJECTED RETURNS		-73.76	

* Estimate of multi-peril federal crop insurance coverage at 26 bu./acre production guarantee and $3.00/bu. price guarantee ($78.00/ac. protection): $5.23/acre premium. Grazing is based on number of Animal Unit Days.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/92	HARVEST	A	GRAZING*		30.0000	.0000	C	.00	N
01/15/93	HARVEST	A	GRAZING*		30.0000	.0000	C	.00	N
02/15/93	HARVEST	A	GRAZING*		30.0000	.0000	C	.00	N
05/20/93	HARVEST	A	WHEAT	WINTER	40.0000	.0000	C	.00	N
05/20/93	HARVEST	A	DEFICIENCY PMT.	WHEAT	40.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/15/92	PREHARVEST	M	CHISELING		1.0000			.00
07/10/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
07/20/92	PREHARVEST	M	PLANING	LAND	.2000			.00
09/10/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
09/15/92	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
09/20/92	PREHARVEST	E	PHOSPHATE		40.0000	C	V	.00
09/20/92	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
09/25/92	PREHARVEST	E	NITROGEN (ANHY)		60.0000	C	V	.00
09/25/92	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
10/10/92	PREHARVEST	E	SEED	WHEAT	60.0000	C	V	.00
10/10/92	PREHARVEST	M	DRILLING		1.0000			.00
10/10/92	PREHARVEST	E	FED. CROP INS.*	WHEATI	1.0000	C	V	.00
11/15/92	PREHARVEST	O	IRRIGATION		4.0000			.00
01/15/93	PREHARVEST	O	IRRIGATION		2.0000			.00
01/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/15/93	PREHARVEST	E	NITROGEN (ANHY)		60.0000	C	V	.00
02/15/93	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
02/20/93	PREHARVEST	E	FUNGICIDE	WHEAT	.4000	C	V	.00
02/20/93	PREHARVEST	G	PESTICIDE APPL.		.4000	C	V	.00
02/25/93	PREHARVEST	O	IRRIGATION		3.0000			.00
03/25/93	PREHARVEST	O	IRRIGATION		3.0000			.00
05/20/93	HARVEST	G	CUSTOM HARVEST	WHEAT	1.0000	C	V	.00
05/20/93	HARVEST	G	CUSTOM HAULING	WHEAT	40.0000	C	V	.00
05/31/93		K	LAND - CASH RENT	WHEATI	1.0000		F	.00
05/31/93		E	MISC ADMIN O/H		.5000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

WINTER WHEAT, DRYLAND

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	20.000	bu.	0.7500	15.00	
GRAZING*	45.000	days	0.2800	12.60	
WHEAT WINTER	20.000	bu.	3.1400	62.80	
Total GROSS Income				90.40	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	30.000	lb.	.250	7.50	
NITROGEN (ANHY)	30.000	lb.	.100	3.00	
SEED	60.000	lb.	.160	9.60	
FED. CROP INS.*	1.000	acre	5.230	5.23	
NITROGEN (ANHY)	30.000	lb.	.100	3.00	
Fuel & Lube - Machinery		Acre		7.36	
Repairs - Machinery		Acre		1.98	
Labor - Machinery	1.946	Hour	5.398	10.51	
Total PREHARVEST				48.17	
HARVEST					
CUSTOM HARVEST	1.000	acre	17.500	17.50	
CUSTOM HAULING	20.000	bu.	.250	5.00	
Total HARVEST				22.50	
Interest - OC Borrowed	26.922	Dol.	0.098	2.62	
Total VARIABLE COST				73.30	
GROSS INCOME minus VARIABLE COST				17.10	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	4.80	
Machinery and Equipment	Acre	25.62	
Land	Acre	15.00	
Total FIXED Cost		45.42	
Total of ALL Cost		118.72	
NET PROJECTED RETURNS		-28.32	

* Estimate of multi-peril federal crop insurance coverage at 13 bu./acre production guarantee and $3.00/bu. price guarantee ($39.00/ac. protection): $5.23/acre premium. Grazing is based on number of Animal Unit Days.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/14/92	HARVEST	A	GRAZING*		15.0000	.0000	C	.00	N
01/14/93	HARVEST	A	GRAZING*		15.0000	.0000	C	.00	N
02/14/93	HARVEST	A	GRAZING*		15.0000	.0000	C	.00	N
05/19/93	HARVEST	A	WHEAT	WINTER	20.0000	.0000	C	.00	N
05/19/93	HARVEST	A	DEFICIENCY PMT.	WHEAT	20.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/09/92	PREHARVEST	M	CHISELING		1.0000			.00
06/19/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
08/14/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
09/09/92	PREHARVEST	E	PHOSPHATE		30.0000	C	V	.00
09/09/92	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
09/14/92	PREHARVEST	E	NITROGEN (ANHY)		30.0000	C	V	.00
09/14/92	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
10/09/92	PREHARVEST	E	SEED	WHEAT	60.0000	C	V	.00
10/09/92	PREHARVEST	E	FED. CROP INS.*	WHEATD	1.0000	C	V	.00
10/09/92	PREHARVEST	M	DRILLING		1.0000			.00
01/30/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/14/93	PREHARVEST	E	NITROGEN (ANHY)		30.0000	C	V	.00
02/14/93	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
05/19/93	HARVEST	G	CUSTOM HARVEST	WHEAT	1.0000	C	V	.00
05/19/93	HARVEST	G	CUSTOM HAULING	WHEAT	20.0000	C	V	.00
05/30/93		K	LAND - CASH RENT	WHEATD	1.0000		F	.00
05/30/93		E	MISC ADMIN O/H		.3000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

SPRING WHEAT, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	40.000	bu.	0.7500	30.00	
WHEAT SPRING	40.000	bu.	3.1400	125.60	
Total GROSS Income				155.60	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	40.000	lb.	.250	10.00	
NITROGEN (ANHY)	80.000	lb.	.100	8.00	
SEED	80.000	lb.	.160	12.80	
FED. CROP INS.*	1.000	acre	5.230	5.23	
FUNGICIDE	0.300	appl	10.000	3.00	
PESTICIDE APPL.	0.300	acre	3.500	1.05	
Fuel & Lube - Machinery		Acre		7.50	
- Irrigation		Acre		40.20	
Repairs - Machinery		Acre		2.12	
- Irrigation		Acre		7.83	
Labor - Machinery	1.997	Hour	5.398	10.78	
- Irrigation	1.300	Hour	5.399	7.02	
Total PREHARVEST				115.53	
HARVEST					
CUSTOM HARVEST	1.000	acre	17.500	17.50	
CUSTOM HAULING	40.000	bu.	.250	10.00	
Total HARVEST				27.50	
Interest - OC Borrowed	51.393	Dol.	0.098	5.01	
Total VARIABLE COST				148.04	
GROSS INCOME minus VARIABLE COST				7.56	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	27.19	
Irrigation	Acre	41.95	
Land	Acre	30.00	
Total FIXED Cost		107.14	
Total of ALL Cost		255.18	
NET PROJECTED RETURNS		-99.58	

* Estimate of multi-peril federal crop insurance coverage at 26 bu./acre production guarantee and $3.00/bu. price guarantee ($78.00/ac. protection): $5.23/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/20/93	HARVEST	A	WHEAT	SPRING	40.0000	.0000	C	.00	N
05/20/93	HARVEST	A	DEFICIENCY PMT.	WHEAT	40.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/15/92	PREHARVEST	M	CHISELING		1.0000			.00
08/15/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
10/15/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
10/20/92	PREHARVEST	M	PLANING	LAND	.2000			.00
11/15/92	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
11/20/92	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
11/20/92	PREHARVEST	E	PHOSPHATE		40.0000	C	V	.00
11/25/92	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
11/25/92	PREHARVEST	E	NITROGEN (ANHY)		80.0000	C	V	.00
12/10/92	PREHARVEST	M	DRILLING		1.0000			.00
12/10/92	PREHARVEST	E	SEED	WHEAT	80.0000	C	V	.00
12/10/92	PREHARVEST	E	FED. CROP INS.*	WHEATI	1.0000	C	V	.00
12/15/92	PREHARVEST	O	IRRIGATION		4.0000			.00
01/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/15/93	PREHARVEST	O	IRRIGATION		3.0000			.00
02/20/93	PREHARVEST	E	FUNGICIDE	WHEAT	.3000	C	V	.00
02/20/93	PREHARVEST	G	PESTICIDE APPL.		.3000	C	V	.00
03/15/93	PREHARVEST	O	IRRIGATION		3.0000			.00
04/15/93	PREHARVEST	O	IRRIGATION		3.0000			.00
05/20/93	HARVEST	G	CUSTOM HARVEST	WHEAT	1.0000	C	V	.00
05/20/93	HARVEST	G	CUSTOM HAULING	WHEAT	40.0000	C	V	.00
05/31/93		K	LAND - CASH RENT	WHEATI	1.0000		F	.00
05/31/93		E	MISC ADMIN O/H		.5000		F	.00

SPRING WHEAT, DRYLAND
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
DEFICIENCY PMT. WHEAT	20.000	bu.	0.7500	15.00	
WHEAT SPRING	20.000	bu.	3.1400	62.80	
Total GROSS Income				77.80	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	
PREHARVEST					
PHOSPHATE	30.000	lb.	.250	7.50	
NITROGEN (ANHY)	40.000	lb.	.100	4.00	
SEED	60.000	lb.	.160	9.60	
FED. CROP INS.*	1.000	acre	5.230	5.23	
Fuel & Lube - Machinery		Acre		6.45	
Repairs - Machinery		Acre		1.86	
Labor - Machinery	1.795	Hour	5.398	9.69	
Total PREHARVEST				44.33	
HARVEST					
CUSTOM HARVEST	1.000	acre	17.500	17.50	
CUSTOM HAULING	20.000	bu.	.250	5.00	
Total HARVEST				22.50	
Interest - OC Borrowed	23.683	Dol.	0.097	2.31	
Total VARIABLE COST				69.13	
GROSS INCOME minus VARIABLE COST				8.67	

FIXED COST Description	Unit	Total	
MISC ADMIN O/H	acre	4.80	
Machinery and Equipment	Acre	22.99	
Land	Acre	15.00	
Total FIXED Cost		42.79	
Total of ALL Cost		111.93	
NET PROJECTED RETURNS		-34.13	

* Estimate of multi-peril federal crop insurance coverage at 13 bu./acre production guarantee and $3.00/bu. price guarantee ($39.00/ac. protection): $5.23/acre premium.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/19/93	HARVEST	A	WHEAT	SPRING	20.0000	.0000	C	.00	N
05/19/93	HARVEST	A	DEFICIENCY PMT.	WHEAT	20.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/14/92	PREHARVEST	M	CHISELING		1.0000			.00
08/14/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
10/14/92	PREHARVEST	M	CULTIVATING	FIELD	1.0000			.00
11/14/92	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
11/14/92	PREHARVEST	E	PHOSPHATE		30.0000	C	V	.00
11/19/92	PREHARVEST	M	ANHYDROUS APPL.		1.0000			.00
11/19/92	PREHARVEST	E	NITROGEN (ANHY)		40.0000	C	V	.00
12/09/92	PREHARVEST	M	DRILLING		1.0000			.00
12/09/92	PREHARVEST	E	SEED	WHEAT	60.0000	C	V	.00
12/09/92	PREHARVEST	E	FED. CROP INS.*	WHEATD	1.0000	C	V	.00
01/30/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
05/19/93	HARVEST	G	CUSTOM HARVEST	WHEAT	1.0000	C	V	.00
05/19/93	HARVEST	G	CUSTOM HAULING	WHEAT	20.0000	C	V	.00
05/30/93		K	LAND - CASH RENT	WHEATD	1.0000		F	.00
05/30/93		E	MISC ADMIN O/H		.3000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

PROCESSED BEETS, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
BEETS	14.000	ton	40.0000	560.00	
Total GROSS Income				560.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
NITROGEN (DRY)	24.000	lb.	.250	6.00	
PHOSPHATE	160.000	lb.	.250	40.00	
FERTILIZER APPL.	1.000	acre	1.500	1.50	
SEED	21.000	lb.		0.00	
HERBICIDE	1.000	acre	68.000	68.00	
FUNGICIDE	1.000	acre	3.500	3.50	
BORON/FUNG. APPL	1.000	appl	3.500	3.50	
NITROGEN (LIQ)	24.000	lb.	.250	6.00	
BORON	2.000	acre	6.000	12.00	
FUNGICIDE	1.000	acre	3.500	3.50	
BORON/FUNG. APPL	1.000	appl	3.500	3.50	
BORON	1.000	acre	6.000	6.00	
FUNGICIDE	1.000	acre	3.500	3.50	
BORON/FUNG. APPL	1.000	appl	3.500	3.50	
Fuel & Lube - Machinery		Acre		15.49	
- Irrigation		Acre		27.21	
Repairs - Machinery		Acre		4.34	
- Irrigation		Acre		6.00	
Labor - Machinery	3.257	Hour	5.398	17.58	
- Other	7.000	Hour	5.398	37.78	
- Irrigation	1.200	Hour	5.399	6.48	
Total PREHARVEST				275.38	
Interest - OC Borrowed	84.280	Dol.	0.097	8.22	
Total VARIABLE COST				283.60	
GROSS INCOME minus VARIABLE COST				276.40	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	61.30	
Irrigation	Acre	21.00	
Land	Acre	50.00	
Total FIXED Cost		140.30	
Total of ALL Cost		423.90	
NET PROJECTED RETURNS		136.10	

Seed is provided by processor.

Yield is based on 18% #1's, 58% #2's, 10% #3's and 14% useable culls.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
05/19/93	HARVEST	A	BEETS	14.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
09/09/92	PREHARVEST	M	SHREDDING		1.0000			.00
09/14/92	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
09/19/92	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
09/24/92	PREHARVEST	M	PLANING	LAND	.2000			.00
09/29/92	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
11/14/92	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/04/93	PREHARVEST	M	SHAPING		1.0000			.00
01/09/93	PREHARVEST	E	NITROGEN (DRY)		24.0000	C	V	.00
01/09/93	PREHARVEST	E	PHOSPHATE		160.0000	C	V	.00
01/09/93	PREHARVEST	G	FERTILIZER APPL.		1.0000	C	V	.00
01/14/93	PREHARVEST	E	SEED	BEET	21.0000	C	V	.00
01/14/93	PREHARVEST	E	HERBICIDE	SP.B	1.0000	C	V	.00
01/14/93	PREHARVEST	M	PLANT & SPRAY		1.0000			.00
01/19/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
01/30/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
02/09/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
02/14/93	PREHARVEST	E	FUNGICIDE	BEET	1.0000	C	V	.00
02/14/93	PREHARVEST	G	BORON/FUNG. APPL		1.0000	C	V	.00
02/19/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
03/17/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
03/19/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
03/19/93	PREHARVEST	E	NITROGEN (LIQ)		24.0000	C	V	.00
03/30/93		E	MISC ADMIN O/H		.5000		F	.00
04/09/93	PREHARVEST	H	HIRED LABOR		7.0000	C	V	.00
04/09/93	PREHARVEST	E	BORON		2.0000	C	V	.00
04/09/93	PREHARVEST	E	FUNGICIDE	BEET	1.0000	C	V	.00
04/09/93	PREHARVEST	G	BORON/FUNG. APPL		1.0000	C	V	.00
04/17/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
04/19/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
05/09/93	PREHARVEST	E	BORON		1.0000	C	V	.00
05/09/93	PREHARVEST	E	FUNGICIDE	BEET	1.0000	C	V	.00
05/09/93	PREHARVEST	G	BORON/FUNG. APPL		1.0000	C	V	.00
05/30/93		K	LAND - CASH RENT	BEETS	1.0000		F	.00

CABBAGE, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CABBAGE	650.000	bag	3.5000	2275.00	
Total GROSS Income				2275.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	75.000	lb.	.250	18.75	
NITROGEN (DRY)	50.000	lb.	.250	12.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
HERBICIDE	1.000	acre	7.500	7.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
SEED	1.000	lb.	130.000	130.00	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
FUNGICIDE	1.000	appl	20.000	20.00	
NITROGEN (LIQ)	50.000	lb.	.250	12.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
FUNGICIDE	1.000	appl	20.000	20.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
FUNGICIDE	1.000	appl	20.000	20.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	15.000	15.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		15.88	
- Irrigation		Acre		36.29	
Repairs - Machinery		Acre		4.43	
- Irrigation		Acre		8.00	
Labor - Machinery	3.380	Hour	5.398	18.25	
- Other	24.000	Hour	5.397	129.54	
- Irrigation	1.600	Hour	5.400	8.64	
Total PREHARVEST				647.27	
HARVEST					
HARV.,PACK & MKT	650.000	bag	1.650	1072.50	
Total HARVEST				1072.50	
Interest - OC Borrowed	152.843	Dol.	0.097	14.90	
Total VARIABLE COST				1734.67	

Break-Even Price, Total Variable Cost $ 2.66 per bag of CABBAGE

GROSS INCOME minus VARIABLE COST	540.33	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	61.27	
Irrigation	Acre	28.00	
Land	Acre	50.00	
Total FIXED Cost		147.27	

Break-Even Price, Total Cost $ 2.89 per bag of CABBAGE

NET PROJECTED RETURNS	393.05	

Cabbage are packed and marketed in 50 pound cartons.

Budget is based on a fall crop.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/25/93	HARVEST	A	CABBAGE	650.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/05/93	PREHARVEST	M	SHREDDING		.5000			.00
06/10/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
06/15/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
06/20/93	PREHARVEST	M	PLANING	LAND	.2000			.00
06/25/93	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
06/30/93	PREHARVEST	E	PHOSPHATE		75.0000	C	V	.00
06/30/93	PREHARVEST	E	NITROGEN (DRY)		50.0000	C	V	.00
06/30/93		E	MISC ADMIN O/H		.5000		F	.00
06/30/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
07/01/93	PREHARVEST	H	HIRED LABOR		8.0000	C	V	.00
07/05/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
07/05/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
07/05/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/10/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
07/12/93	PREHARVEST	O	IRRIGATION	VEG	6.0000			.00
07/15/93	PREHARVEST	E	HERBICIDE	CABBAGE	1.0000	C	V	.00
07/15/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
07/15/93	PREHARVEST	M	CULT. & SPRAY		1.0000			.00
07/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/20/93	PREHARVEST	E	SEED	CABBAGE	1.0000	C	V	.00
07/20/93	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
07/25/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
07/25/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/01/93	PREHARVEST	H	HIRED LABOR		8.0000	C	V	.00
08/05/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
08/05/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/10/93	PREHARVEST	O	IRRIGATION	VEG	6.0000			.00
08/10/93	PREHARVEST	E	FUNGICIDE	CABBAGE	1.0000	C	V	.00
08/10/93	PREHARVEST	E	NITROGEN (LIQ)		50.0000	C	V	.00
08/15/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
08/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/25/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
08/25/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
09/01/93	PREHARVEST	H	HIRED LABOR		8.0000	C	V	.00
09/05/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
09/05/93	PREHARVEST	E	FUNGICIDE	CABBAGE	1.0000	C	V	.00
09/05/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/10/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/15/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
09/15/93	PREHARVEST	E	FUNGICIDE	CABBAGE	1.0000	C	V	.00
09/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/20/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
09/25/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
09/25/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/10/93	PREHARVEST	E	INSECTICIDE	CABBAGE	1.0000	C	V	.00
10/10/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/10/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/25/93	HARVEST	G	HARV.,PACK & MKT	CABBAGE	650.0000	C	V	.00
10/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

CANTALOUPES, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CANTALOUPES	300.000	crtn	6.0000	1800.00	
Total GROSS Income				1800.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	7.500	7.50	
PHOSPHATE	75.000	lb.	.250	18.75	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
SEED	0.500	lb.	100.000	50.00	
BEEHIVE RENT	0.500	hive	30.000	15.00	
NITROGEN (LIQ)	40.000	lb.	.250	10.00	
INSECTICIDE	1.000	appl	7.500	7.50	
FUNGICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
FUNGICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
FUNGICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	7.500	7.50	
FUNGICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		16.99	
- Irrigation		Acre		34.02	
Repairs - Machinery		Acre		4.91	
- Irrigation		Acre		7.50	
Labor - Machinery	4.060	Hour	5.398	21.92	
- Other	18.000	Hour	5.398	97.16	
- Irrigation	1.500	Hour	5.399	8.10	
Total PREHARVEST				383.34	
HARVEST					
HARV., PACK & MKT	300.000	crtn	4.250	1275.00	
Total HARVEST				1275.00	
Interest - OC Borrowed	128.266	Dol.	0.098	12.51	
Total VARIABLE COST				1670.84	

Break-Even Price, Total Variable Cost $ 5.56 per crtn of CANTALOUPES

GROSS INCOME minus VARIABLE COST	129.16	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	74.04	
Irrigation	Acre	26.25	
Land	Acre	50.00	
Total FIXED Cost		158.29	

Break-Even Price, Total Cost $ 6.09 per crtn of CANTALOUPES

Total of ALL Cost	1829.14	
NET PROJECTED RETURNS	-29.14	

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.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
07/20/93	HARVEST	A	CANTALOUPES	300.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
11/15/92	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
12/10/92	PREHARVEST	M	SHREDDING		.5000			.00
12/20/92	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
01/10/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
01/15/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
01/20/93	PREHARVEST	M	PLANING	LAND	.2000			.00
01/25/93	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
02/05/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
02/10/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
02/15/93	PREHARVEST	E	HERBICIDE	CANT.	1.0000	C	V	.00
02/15/93	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
02/20/93	PREHARVEST	E	PHOSPHATE		75.0000	C	V	.00
02/20/93	PREHARVEST	E	NITROGEN (DRY)		60.0000	C	V	.00
02/20/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
02/25/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
03/01/93	PREHARVEST	H	HIRED LABOR		6.0000	C	V	.00
03/05/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
03/15/93	PREHARVEST	E	SEED	CANT.	.5000	C	V	.00
03/15/93	PREHARVEST	M	PLANTING	6 ROW	1.0000			.00
03/20/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
04/01/93	PREHARVEST	H	HIRED LABOR		6.0000	C	V	.00
04/01/93	PREHARVEST	E	BEEHIVE RENT		.5000	C	V	.00
04/15/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
04/15/93	PREHARVEST	E	NITROGEN (LIQ)		40.0000	C	V	.00
04/20/93	PREHARVEST	E	INSECTICIDE	CANT.	1.0000	C	V	.00
04/20/93	PREHARVEST	E	FUNGICIDE	CANT.	1.0000	C	V	.00
04/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
04/25/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
04/30/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
04/30/93		E	MISC ADMIN O/H		.5000		F	.00
05/01/93	PREHARVEST	H	HIRED LABOR		6.0000	C	V	.00
05/15/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
05/15/93	PREHARVEST	M	CULTIVATING 4ROW	ROLLING	1.0000			.00
05/20/93	PREHARVEST	E	INSECTICIDE	CANT.	1.0000	C	V	.00
05/20/93	PREHARVEST	E	FUNGICIDE	CANT.	1.0000	C	V	.00
05/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/10/93	PREHARVEST	E	FUNGICIDE	CANT.	1.0000	C	V	.00
06/10/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
06/20/93	PREHARVEST	E	INSECTICIDE	CANT.	1.0000	C	V	.00
06/20/93	PREHARVEST	E	FUNGICIDE	CANT.	1.0000	C	V	.00
06/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
07/20/93	HARVEST	G	HARV.,PACK & MKT	CANT.	300.0000	C	V	.00
07/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

CARROTS, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CARROTS	340.000	bag	5.7500	1955.00	
Total GROSS Income				1955.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	7.500	7.50	
PHOSPHATE	75.000	lb.	.250	18.75	
NITROGEN (DRY)	60.000	lb.	.250	15.00	
SEED	2.000	lb.	35.000	70.00	
NITROGEN (LIQ)	60.000	lb.	.250	15.00	
HERBICIDE	1.000	acre	7.500	7.50	
FUNGICIDE	2.000	appl	10.000	20.00	
PESTICIDE APPL.	2.000	acre	3.500	7.00	
INSECTICIDE	0.500	appl	6.500	3.25	
FUNGICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		14.30	
- Irrigation		Acre		40.82	
Repairs - Machinery		Acre		4.17	
- Irrigation		Acre		9.00	
Labor - Machinery	3.325	Hour	5.398	17.95	
- Irrigation	1.800	Hour	5.400	9.72	
Total PREHARVEST				273.46	
HARVEST					
HARV.,PACK & MKT	300.000	bag	4.500	1350.00	
Total HARVEST				1350.00	
Interest - OC Borrowed	138.787	Dol.	0.098	13.53	
Total VARIABLE COST				1636.99	

Break-Even Price, Total Variable Cost $ 4.81 per bag of CARROTS

GROSS INCOME minus VARIABLE COST		318.01	

FIXED COST Description	Unit	Total	Your Estimate
Management		8.00	
Machinery and Equipment	Acre	63.43	
Irrigation	Acre	31.50	
Land	Acre	50.00	
Total FIXED Cost		152.93	

Break-Even Price, Total Cost $ 5.26 per bag of CARROTS

Total of ALL Cost	1789.92	
NET PROJECTED RETURNS	165.08	

Carrots are packed and marketed in 48 one-pound cello bags.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/20/93	HARVEST	A	CARROTS	340.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/05/92	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
06/10/92	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
06/15/92	PREHARVEST	M	PLANING	LAND	.2000			.00
06/20/92	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
06/25/92	PREHARVEST	E	HERBICIDE	CARROT	1.0000	C	V	.00
06/25/92	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
06/30/92		P	MISC ADMIN O/H		.5000		F	.00
07/05/92	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
07/10/92	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
07/15/92	PREHARVEST	E	PHOSPHATE		75.0000	C	V	.00
07/15/92	PREHARVEST	E	NITROGEN (DRY)		60.0000	C	V	.00
07/15/92	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
07/20/92	PREHARVEST	E	SEED	CARROT	2.0000	C	V	.00
07/20/92	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
07/25/92	PREHARVEST	O	IRRIGATION	VEG	6.0000			.00
08/10/92	PREHARVEST	E	NITROGEN (LIQ)		60.0000	C	V	.00
08/10/92	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
08/15/92	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
08/20/92	PREHARVEST	E	HERBICIDE	CARROT	1.0000	C	V	.00
08/20/92	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
09/10/92	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/15/92	PREHARVEST	E	FUNGICIDE	CARROT	2.0000	C	V	.00
09/15/92	PREHARVEST	G	PESTICIDE APPL.		2.0000	C	V	.00
09/20/92	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
10/10/92	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/15/92	PREHARVEST	E	INSECTICIDE	CARROT	.5000	C	V	.00
10/15/92	PREHARVEST	E	FUNGICIDE	CARROT	1.0000	C	V	.00
10/15/92	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/20/92	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
11/20/92	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
11/30/92	PREHARVEST	M	PICKUP TRUCK	3/4 TON	5.0000			.00
01/20/93	HARVEST	G	HARV.,PACK & MKT	CARROTS	300.0000	C	V	.00
01/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

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Projections for Planning Purposes Only
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PROCESSED CARROTS, IRRIGATED
Southwest Texas District (13)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
CARROTS	PROC	14.000	ton	37.5000	525.00	
Total GROSS Income					525.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
HERBICIDE		1.000	acre	7.500	7.50	
PHOSPHATE		75.000	lb.	.250	18.75	
NITROGEN (DRY)		80.000	lb.	.250	20.00	
SEED		2.600	lb.	35.000	91.00	
HERBICIDE		1.000	acre	7.500	7.50	
FUNGICIDE		2.000	appl	10.000	20.00	
PESTICIDE APPL.		2.000	acre	3.500	7.00	
INSECTICIDE		1.000	appl	6.500	6.50	
FUNGICIDE		1.000	appl	10.000	10.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
FUNGICIDE		1.000	appl	10.000	10.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
Fuel & Lube	- Machinery		Acre		14.30	
	- Irrigation		Acre		38.55	
Repairs	- Machinery		Acre		4.17	
	- Irrigation		Acre		8.50	
Labor	- Machinery	3.325	Hour	5.398	17.95	
	- Irrigation	1.700	Hour	5.400	9.18	
Total PREHARVEST					297.90	
Interest	- OC Borrowed	152.205	Dol.	0.097	14.84	
Total VARIABLE COST					312.74	
GROSS INCOME minus VARIABLE COST					212.26	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	63.43	
Irrigation	Acre	29.75	
Land	Acre	50.00	
Total FIXED Cost		151.18	
Total of ALL Cost		463.92	
NET PROJECTED RETURNS		61.08	

Yield is based on 18% #1's, 65% #2's, 14% #3's and 3% useable culls.

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
01/20/94	HARVEST	A	CARROTS	PROC	14.0000	.0000	C	.00	N

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/05/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
06/10/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
06/15/93	PREHARVEST	M	PLANING	LAND	.2000			.00
06/20/93	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
06/25/93	PREHARVEST	E	HERBICIDE	CARROT	1.0000	C	V	.00
06/25/93	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
06/30/93		E	MISC ADMIN O/H		.5000		F	.00
07/05/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
07/10/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
07/15/93	PREHARVEST	E	PHOSPHATE		75.0000	C	V	.00
07/15/93	PREHARVEST	E	NITROGEN (DRY)		80.0000	C	V	.00
07/15/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
07/20/93	PREHARVEST	E	SEED	CARRPROC	2.6000	C	V	.00
07/20/93	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
07/25/93	PREHARVEST	O	IRRIGATION	VEG	6.0000			.00
08/10/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
08/15/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
08/20/93	PREHARVEST	E	HERBICIDE	CARROT	1.0000	C	V	.00
08/20/93	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
08/25/93	PREHARVEST	E	FUNGICIDE	CARRPROC	2.0000	C	V	.00
08/25/93	PREHARVEST	G	PESTICIDE APPL.		2.0000	C	V	.00
09/10/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/15/93	PREHARVEST	E	INSECTICIDE	CARROT	1.0000	C	V	.00
09/15/93	PREHARVEST	E	FUNGICIDE	CARRPROC	1.0000	C	V	.00
09/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/20/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
10/10/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/15/93	PREHARVEST	E	FUNGICIDE	CARRPROC	1.0000	C	V	.00
10/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/20/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
11/20/93	PREHARVEST	O	IRRIGATION	VEG	2.0000			.00
11/30/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	5.0000			.00
01/31/94		K	LAND - CASH RENT	VEG	1.0000		F	.00

CUCUMBERS, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CUCUMBERS	250.000	crtn	6.5000	1625.00	
Total GROSS Income				1625.00	

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
HERBICIDE	1.000	acre	8.000	8.00	
PHOSPHATE	80.000	lb.	.250	20.00	
NITROGEN (DRY)	40.000	lb.	.250	10.00	
SEED	3.000	lb.	26.000	78.00	
FUNGICIDE	1.000	acre	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
BEEHIVE RENT	0.500	hive	30.000	15.00	
FUNGICIDE	1.000	acre	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
INSECTICIDE	1.000	appl	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
NITROGEN (LIQ)	40.000	lb.	.250	10.00	
FUNGICIDE	1.000	acre	10.000	10.00	
PESTICIDE APPL.	1.000	acre	3.500	3.50	
Fuel & Lube - Machinery		Acre		14.77	
- Irrigation		Acre		36.74	
Repairs - Machinery		Acre		4.17	
- Irrigation		Acre		8.10	
Labor - Machinery	3.511	Hour	5.398	18.96	
- Other	9.000	Hour	5.398	48.58	
- Irrigation	1.620	Hour	5.400	8.75	
Total PREHARVEST				335.06	
HARVEST					
HARV.,PACK & MKT	250.000	crtn	4.500	1125.00	
Total HARVEST				1125.00	
Interest - OC Borrowed	69.868	Dol.	0.097	6.81	
Total VARIABLE COST				1466.87	

Break-Even Price, Total Variable Cost $ 5.86 per crtn of CUCUMBERS

GROSS INCOME minus VARIABLE COST	158.13	

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	
Machinery and Equipment	Acre	60.40	
Irrigation	Acre	28.35	
Land	Acre	50.00	
Total FIXED Cost		146.75	

Break-Even Price, Total Cost $ 6.45 per crtn of CUCUMBERS

Total of ALL Cost	1613.62	
NET PROJECTED RETURNS	11.38	

Cucumbers are packed and marketed in 50 pound cartons.

Budget is based on a fall crop.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
10/25/93	HARVEST	A	CUCUMBERS	250.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/05/93	PREHARVEST	M	SHREDDING		1.0000			.00
06/10/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
06/15/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
06/20/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
06/25/93	PREHARVEST	M	PLANING	LAND	.2000			.00
06/28/93	PREHARVEST	E	HERBICIDE	CUCUMBER	1.0000	C	V	.00
06/28/93	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
06/30/93	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
07/15/93	PREHARVEST	E	PHOSPHATE		80.0000	C	V	.00
07/15/93	PREHARVEST	E	NITROGEN (DRY)		40.0000	C	V	.00
07/15/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
07/20/93	PREHARVEST	O	IRRIGATION	VEG	4.2000			.00
08/01/93	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
08/05/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
08/10/93	PREHARVEST	E	SEED	CUCUMBER	3.0000	C	V	.00
08/10/93	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
08/15/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
08/20/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
08/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
08/25/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
08/30/93	PREHARVEST	E	BEEHIVE RENT		.5000	C	V	.00
08/30/93		E	MISC ADMIN O/H		.5000		F	.00
08/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
09/01/93	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
09/05/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
09/05/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/15/93	PREHARVEST	E	INSECTICIDE	CUCUMBER	1.0000	C	V	.00
09/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/20/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
09/20/93	PREHARVEST	E	NITROGEN (LIQ)		40.0000	C	V	.00
09/25/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/01/93	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
10/05/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
10/05/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/10/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
10/25/93	HARVEST	G	HARV.,PACK & MKT	CUCUMBER	250.0000	C	V	.00
10/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

Projections for Planning Purposes Only
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CUCUMBERS (PICKLES), IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
CUCUMBERS PICKLES	160.000	cwt.	9.5000	1520.00	_____
Total GROSS Income				1520.00	_____

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	80.000	lb.	.250	20.00	_____
NITROGEN (DRY)	40.000	lb.	.250	10.00	_____
SEED	2.250	lb.	8.000	18.00	_____
HERBICIDE	1.000	acre	8.000	8.00	_____
BEEHIVE RENT	0.500	hive	30.000	15.00	_____
INSECTICIDE	1.000	appl	10.000	10.00	_____
FUNGICIDE	1.000	acre	10.000	10.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
INSECTICIDE	1.000	appl	10.000	10.00	_____
FUNGICIDE	1.000	acre	10.000	10.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
NITROGEN (LIQ)	40.000	lb.	.250	10.00	_____
INSECTICIDE	1.000	appl	10.000	10.00	_____
FUNGICIDE	1.000	acre	10.000	10.00	_____
PESTICIDE APPL.	1.000	acre	3.500	3.50	_____
Fuel & Lube - Machinery		Acre		15.25	_____
- Irrigation		Acre		27.21	_____
Repairs - Machinery		Acre		4.32	_____
- Irrigation		Acre		6.00	_____
Labor - Machinery	3.011	Hour	5.398	16.26	_____
- Other	10.000	Hour	5.398	53.98	_____
- Irrigation	1.200	Hour	5.399	6.48	_____
Total PREHARVEST				280.99	_____
HARVEST					
HARV.,PACK & MKT	160.000	cwt.	6.500	1040.00	_____
Total HARVEST				1040.00	_____
Interest - OC Borrowed	70.769	Dol.	0.098	6.90	_____
Total VARIABLE COST				1327.89	_____

Break-Even Price, Total Variable Cost $ 8.29 per cwt. of CUCUMBERS

GROSS INCOME minus VARIABLE COST		192.11	_____

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	_____
Machinery and Equipment	Acre	59.69	_____
Irrigation	Acre	21.00	_____
Land	Acre	50.00	_____
Total FIXED Cost		138.69	_____

Break-Even Price, Total Cost $ 9.16 per cwt. of CUCUMBERS

Total of ALL Cost	1466.59	_____
NET PROJECTED RETURNS	53.41	_____

Production value and harvesting expense is based on a weighted average of 8% #1's, 13% #2's, 34% #3's and 45% #4's.
Budget is based on a fall crop.

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DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME		NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/15/93	HARVEST	A	CUCUMBERS	PICKLES	160.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/30/93		P	MISC ADMIN O/H		.5000		F	.00
08/01/93	PREHARVEST	M	SHREDDING		1.0000			.00
08/03/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/07/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
08/10/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/13/93	PREHARVEST	M	PLANING	LAND	.2000			.00
08/15/93	PREHARVEST	M	DISC OFFSET	12 FT	.2000			.00
08/18/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
08/20/93	PREHARVEST	E	PHOSPHATE		80.0000	C	V	.00
08/20/93	PREHARVEST	E	NITROGEN (DRY)		40.0000	C	V	.00
08/20/93	PREHARVEST	M	CULT. & SPRAY		1.0000			.00
08/20/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
08/24/93	PREHARVEST	E	SEED	PICKLE	2.2500	C	V	.00
08/24/93	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
08/26/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
08/30/93	PREHARVEST	E	HERBICIDE	CUCUMBER	1.0000	C	V	.00
08/30/93	PREHARVEST	E	BEEHIVE RENT		.5000	C	V	.00
09/01/93	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
09/15/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
09/20/93	PREHARVEST	E	INSECTICIDE	CUCUMBER	1.0000	C	V	.00
09/20/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
09/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
09/25/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
10/01/93	PREHARVEST	H	HIRED LABOR		3.0000	C	V	.00
10/15/93	PREHARVEST	M	CULTIVATING	4 ROW	1.0000			.00
10/20/93	PREHARVEST	E	INSECTICIDE	CUCUMBER	1.0000	C	V	.00
10/20/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
10/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/25/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
10/25/93	PREHARVEST	E	NITROGEN (LIQ)		40.0000	C	V	.00
10/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	5.0000			.00
10/31/93		E	MISC ADMIN O/H		.5000		F	.00
11/01/93	PREHARVEST	H	HIRED LABOR		4.0000	C	V	.00
11/20/93	PREHARVEST	E	INSECTICIDE	CUCUMBER	1.0000	C	V	.00
11/20/93	PREHARVEST	E	FUNGICIDE	CUCUMBER	1.0000	C	V	.00
11/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/25/93	PREHARVEST	O	IRRIGATION	VEG	3.0000			.00
12/15/93	HARVEST	G	HARV.,PACK & MKT	PICKLES	160.0000	C	V	.00
12/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

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LETTUCE, IRRIGATED
Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
LETTUCE	500.000	crtn	5.5000	2750.00	________
Total GROSS Income				2750.00	________

VARIABLE COST Description	Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST					
PHOSPHATE	80.000	lb.	.250	20.00	________
NITROGEN (DRY)	75.000	lb.	.250	18.75	________
SEED	1.000	lb.	28.000	28.00	________
INSECTICIDE	11.000	appl	8.000	88.00	________
FUNGICIDE	1.000	appl	18.000	18.00	________
PESTICIDE APPL.	11.000	acre	3.500	38.50	________
NITROGEN (LIQ)	75.000	lb.	.250	18.75	________
FUNGICIDE	5.000	appl	3.500	17.50	________
HERBICIDE	1.000	acre	9.000	9.00	________
NITROGEN (LIQ)	75.000	lb.	.250	18.75	________
Fuel & Lube - Machinery		Acre		17.04	________
- Irrigation		Acre		27.21	________
Repairs - Machinery		Acre		4.62	________
- Irrigation		Acre		6.00	________
Labor - Machinery	3.744	Hour	5.398	20.21	________
- Other	12.000	Hour	5.397	64.77	________
- Irrigation	1.200	Hour	5.399	6.48	________
Total PREHARVEST				421.58	________
HARVEST					
HARV.,PACK & MKT	500.000	crtn	4.500	2250.00	________
Total HARVEST				2250.00	________
Interest - OC Borrowed	76.460	Dol.	0.098	7.45	________
Total VARIABLE COST				2679.04	________

Break-Even Price, Total Variable Cost $ 5.35 per crtn of LETTUCE

GROSS INCOME minus VARIABLE COST		70.96	________

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	8.00	________
Machinery and Equipment	Acre	65.83	________
Irrigation	Acre	21.00	________
Land	Acre	50.00	________
Total FIXED Cost		144.83	________

Break-Even Price, Total Cost $ 5.64 per crtn of LETTUCE

Total of ALL Cost	2823.87	________
NET PROJECTED RETURNS	-73.87	________

Lettuce is packed and marketed in 50 pound cartons.

Budget is based on a fall crop.

DATE	STAGE OF PRODUCTION	TYPE OF PROD.	PRODUCT NAME	NUMBER OF UNITS	WEIGHT PER HEAD	CASH NON-CASH	LANDLORD SHARE	BREAK EVEN PROD.
12/30/93	HARVEST	A	LETTUCE	500.0000	.0000	C	.00	Y

DATE	STAGE OF PRODUCTION	TYPE OF INPUT	INPUT NAME		NUMBER OF UNITS	CASH NON-CASH	FIXED OR VARI.	LANDLORD SHARE
06/30/93		P	MISC ADMIN O/H		.5000		F	.00
07/10/93	PREHARVEST	M	SHREDDING		1.0000			.00
07/20/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/10/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/15/93	PREHARVEST	M	PLOWING	MLDBOARD	1.0000			.00
08/20/93	PREHARVEST	M	PLANING	LAND	.2000			.00
08/25/93	PREHARVEST	M	DISC OFFSET	12 FT	1.0000			.00
08/30/93	PREHARVEST	M	BEDDING	6 ROW	1.0000			.00
09/15/93	PREHARVEST	M	SHAPING		1.0000			.00
10/05/93	PREHARVEST	M	SHAPING		1.0000			.00
10/10/93	PREHARVEST	M	APPLY.FERTILIZER		1.0000			.00
10/10/93	PREHARVEST	E	PHOSPHATE		80.0000	C	V	.00
10/10/93	PREHARVEST	E	NITROGEN (DRY)		75.0000	C	V	.00
10/10/93	PREHARVEST	M	PLANTING	STANHAY	1.0000			.00
10/10/93	PREHARVEST	E	SEED	LETTUCE	1.0000	C	V	.00
10/15/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
10/15/93	PREHARVEST	E	FUNGICIDE	RIDOMIL	1.0000	C	V	.00
10/15/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/18/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
10/18/93	PREHARVEST	E	NITROGEN (LIQ)		75.0000	C	V	.00
10/24/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
10/24/93	PREHARVEST	E	FUNGICIDE	LETTUCE	1.0000	C	V	.00
10/24/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
10/25/93	PREHARVEST	M	SPRAYING	12 FT	1.0000			.00
10/25/93	PREHARVEST	E	HERBICIDE	LETTUCE	1.0000	C	V	.00
10/31/93	PREHARVEST	M	PICKUP TRUCK	3/4 TON	20.0000			.00
10/31/93		E	MISC ADMIN O/H		.5000		F	.00
11/01/93	PREHARVEST	H	HIRED LABOR		12.0000	C	V	.00
11/02/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
11/02/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/08/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
11/08/93	PREHARVEST	E	FUNGICIDE	LETTUCE	1.0000	C	V	.00
11/08/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/14/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
11/14/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/16/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
11/20/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
11/20/93	PREHARVEST	E	FUNGICIDE	LETTUCE	1.0000	C	V	.00
11/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
11/26/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
11/26/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/02/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
12/02/93	PREHARVEST	E	FUNGICIDE	LETTUCE	1.0000	C	V	.00
12/02/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/08/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
12/08/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/12/93	PREHARVEST	O	IRRIGATION	VEG	4.0000			.00
12/12/93	PREHARVEST	E	NITROGEN (LIQ)		75.0000	C	V	.00
12/14/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
12/14/93	PREHARVEST	E	FUNGICIDE	LETTUCE	1.0000	C	V	.00
12/14/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/20/93	PREHARVEST	E	INSECTICIDE	LETTUCE	1.0000	C	V	.00
12/20/93	PREHARVEST	G	PESTICIDE APPL.		1.0000	C	V	.00
12/30/93	HARVEST	G	HARV.,PACK & MKT	LETTUCE	500.0000	C	V	.00
12/31/93		K	LAND - CASH RENT	VEG	1.0000		F	.00

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.

Projections for Planning Purposes Only
Not to be Used without Updating after October 13, 1993.

ONIONS, IRRIGATED

Southwest Texas District-13 (Wintergarden Region)
1993 Projected Costs and Returns per Acre

GROSS INCOME Description	Quantity	Unit	$ / Unit	Total	Your Estimate
ONIONS	500.000	bag	7.5000	3750.00	
Total GROSS Income				3750.00	

VARIABLE COST Description		Quantity	Unit	$ / Unit	Total	Your Estimate
PREHARVEST						
PHOSPHATE		75.000	lb.	.250	18.75	
NITROGEN (DRY)		50.000	lb.	.250	12.50	
HERBICIDE		1.000	acre	40.000	40.00	
SEED		3.000	lb.	37.000	111.00	
NITROGEN (LIQ)		50.000	lb.	.250	12.50	
FUNGICIDE		1.000	appl	8.000	8.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	10.000	10.00	
FUNGICIDE		1.000	appl	8.000	8.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	10.000	10.00	
FUNGICIDE		1.000	appl	8.000	8.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
INSECTICIDE		1.000	appl	10.000	10.00	
FUNGICIDE		1.000	appl	18.000	18.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
FUNGICIDE		1.000	appl	8.000	8.00	
PESTICIDE APPL.		1.000	acre	3.500	3.50	
Fuel & Lube	- Machinery		Acre		17.40	
	- Irrigation		Acre		40.82	
Repairs	- Machinery		Acre		4.88	
	- Irrigation		Acre		9.00	
Labor	- Machinery	4.172	Hour	5.398	22.52	
	- Other	10.000	Hour	5.398	53.98	
	- Irrigation	1.800	Hour	5.399	9.72	
Total PREHARVEST					450.56	
HARVEST						
HARV.,PACK & MKT		500.000	bag	4.250	2125.00	
Total HARVEST					2125.00	
Interest	- OC Borrowed	236.637	Dol.	0.097	23.07	
Total VARIABLE COST					2598.63	

Break-Even Price, Total Variable Cost $ 5.19 per bag of ONIONS

GROSS INCOME minus VARIABLE COST 1151.37

FIXED COST Description	Unit	Total	Your Estimate
MISC ADMIN O/H	acre	16.00	
Machinery and Equipment	Acre	73.30	
Irrigation	Acre	31.50	
Land	Acre	50.00	
Total FIXED Cost		170.80	

Break-Even Price, Total Cost $ 5.53 per bag of ONIONS

Total of ALL Cost	2769.43	
NET PROJECTED RETURNS	980.57	

Onions are packed and marketed in 50 pound bags.