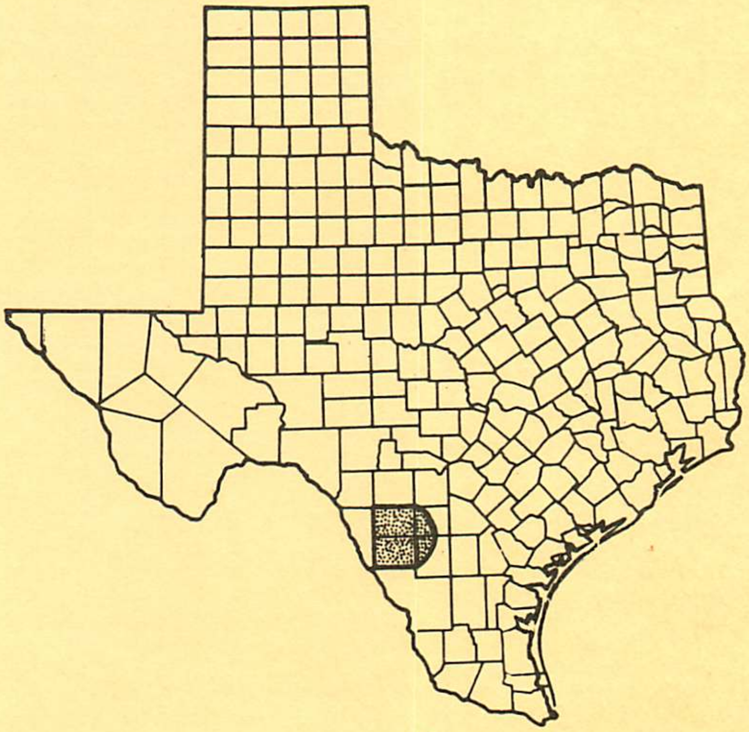

TEXAS WINTER GARDEN

FOREWORD

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

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

The machinery inventory is applicable to both typical and high level management. In some budgets custom rates, primarily harvesting, were used lieu of the assumption that harvesting equipment was owned.

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

Land charges were based on one of the following three methods: 1) customary landlord's crop share less his proportionate share of certain production and harvesting inputs; 2) a cash lease; or 3) a fair market value times an interest rate.

TEXAS WINTER GARDEN REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices paid (1976)		
Seed		
Buffel grass	lb.	$ 2.25
Cabbage	lb.	50.00
Cantaloupes	lb.	5.00
Carrots	lb.	10.00
Corn	lb.	.75
Cotton	lb.	.25
Cucumbers	lb.	5.00
Forage Sorghum	lb.	.29
Grain Sorghum	lb.	.35
Lettuce	lb.	15.00
Oats	lb.	.12
Onions	lb.	8.00
Spinach	lb.	1.50
Wheat	lb.	.25
Custom rates		
Combine grain sorghum	cwt.	.30
Haul grain sorghum	cwt.	.20
Combine corn	acre	7.00
plus	bu.	.10
Haul corn	bu.	.15
Pick and haul cotton	cwt.	2.75
Combine small grain	acre	9.00
Haul small grain	bu.	.12
Mow, rake, bale, haul hay	bale	.75
Aerial applications		
Insecticide	acre	1.75
Defoliant	acre	2.00
Fungicide	acre	2.25
Ginning	bale	30.00
Brush removal	acre	40.00
Harvest, Pack, and Market Vegetables		
Cabbage	bag	1.25
Cantaloups	crate	5.50
Carrots	bag	3.00
Cucumbers	carton	2.75

Item	Unit	Price
Lettuce	carton	$ 1.80
Onions	bag	2.25
Fresh Spinach	carton	2.00
Processed Spinach	ton	15.00
Fertilizer		
Nitrogen	lb.	.23
Phosphorus	lb.	.21
Potash	lb.	.08
Herbicide		
Vegetables (except onions)	acre	15.00
Onions	acre	27.00
Corn	acre	9.00
Cotton	acre	9.00
Grain Sorghum	acre	7.50
Insecticides		
Cabbage	appl.	5.00
Cantaloupes & cucumbers	appl.	2.50
Carrots and Lettuce	appl.	1.50
Corn & Onions	appl.	1.75
Cotton	appl	3.00
Spinach	appl.	2.50
Fungicides		
Cabbage	appl.	7.00
Cantaloupes	appl.	2.50
Carrots	appl.	3.00
Cucumbers	appl.	2.50
Lettuce	appl.	2.50
Onions	appl.	2.00
Spinach	appl.	2.00
Cotton Defoliant	acre	7.50
Fuel		
Diesel	gal.	.45
Gasoline	gal.	.50
Natural gas	1,000 cu.ft.	1.85
Labor		
Tractor and irrigation	hour	2.50
Hand	hour	2.00
Operating Capital	$	.10
Land Rent (cash)		
Irrigated	acre	40.00
Dryland	acre	20.00
Buffelgrass	acre	10.00

Item	Unit	Price
Prices received (1976)		
Cabbage	50# bag	$ 2.25
Cantaloups	80# crate	7.00
Carrots	50# bag	5.00
Corn, grain	bu.	3.25
Corn, silage	ton	12.00
Cotton	lb.	.48
Cottonseed	ton	100.00
Cucumbers	50# carton	4.25
Forage Sorghum Hay	ton	40.00
Grain Sorghum	cwt.	5.00
Lettuce	40# carton	3.00
Onions	50# bag	3.00
Spinach, fresh	20# carton	3.50
Spinach, processed	ton	60.00
Wheat	bu.	5.00

1/ These price assumptions are not to be interpreted as predictions or prospective prices.

TEXAS WINTER GARDEN REGION

Estimated Machinery and Equipment Cost Per Hour of Use

Machinery Item and Size	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor - 90 HP	$10,600	5	7500	$1.34	$3.48
Tractor - 60 HP	7,060	7	7000	1.17	2.38
Pickup - 1/2 ton	5,100	3	3000	1.38	3.93
Shredder 4R - 13 feet	1,890	10	2000	1.42	.48
Moldboard Plow - 5.3 feet	1,780	8	2000	1.18	.70
Offset disc - 10 feet	2,200	8	2000	1.46	.50
Middle buster 6R - 20 feet	1,100	10	2000	.82	.32
Rolling cultivator 4R - 13.3 feet	2,700	10	2500	1.61	.86
Cultivator 4R - 13.3 feet	1,100	10	2000	.82	.32
Planter 4R - 13.3 feet	890	15	1500	1.10	.35
Vegetable planter - 13.3 feet	1,100	15	1500	1.35	.43
Grain drill - 12 feet	1,200	15	750	2.95	.72
Bed shaper 6R - 20 feet	640	10	1000	.95	.28
Land plane - 12 feet	2,700	20	2500	2.33	.85
Sprayer - 13.3 feet	830	8	1200	.92	.32
V-type ditcher - 5 feet	275	15	2505	.20	.77
Scraper blade - 6 feet	390	15	2505	.29	1.09

BUFFEL GRASS ESTAB., DRYLAND, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$-------
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
BRUSH CLEARING	ACRE	40.00	0.50	20.00
SEED	LBS.	2.25	0.30	0.67
MACHINERY	ACRE	1.57	1.00	1.57
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	0.50	1.25
INTEREST ON OP. CAP.	DOL.	0.10	2.96	0.30
SUBTOTAL, PRE-HARVEST				$ 23.79
HARVEST COSTS				$-------
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 23.79
3. INCOME ABOVE VARIABLE COSTS				$ -23.79
4. FIXED COSTS				$
MACHINERY	ACRE	0.56	1.00	0.56
TRACTORS	ACRE	0.0	1.00	0.0
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 10.56
5. TOTAL COSTS				$ 34.36
6. NET RETURNS				$ -34.36

PROJECTED, 1976

BUFFEL GRASS ESTAB., DRYLAND, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	MAR	0.10	0.125	0.100	0.39	0.14
PICKUP	10	MAY	0.10	0.125	0.100	0.39	0.14
PICKUP	10	JULY	0.10	0.125	0.100	0.39	0.14
PICKUP	10	SEPT	0.10	0.125	0.100	0.39	0.14
TOTALS				0.500	0.400	1.57	0.56

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8530120021200 0
ANNUAL CAPITAL MONTH 12

BUFFEL GRASS PASTURE, DRYLAND, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
MACHINERY	ACRE	1.57	1.00	1.57
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	0.50	1.25
INTEREST ON OP. CAP.	DOL.	0.10	0.52	0.05
SUBTOTAL, PRE-HARVEST				$ 2.88
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 2.88
3. INCOME ABOVE VARIABLE COSTS				$ -2.88
4. FIXED COSTS				$
MACHINERY	ACRE	0.56	1.00	0.56
TRACTORS	ACRE	0.0	1.00	0.0
PRORATED ESTAB. COST	ACRE	34.06	0.10	3.41
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 13.97
5. TOTAL COSTS				$ 16.85
6. NET RETURNS				$ -16.85

ESTAB. COST PRORATED OVER 10 YEARS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS

PROJECTED, 1976

BUFFEL GRASS PASTURE, DRYLAND, TEXAS WINTER GARDEN REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	MAR	0.10	0.125	0.100	0.39	0.14
PICKUP	10	MAY	0.10	0.125	0.100	0.39	0.14
PICKUP	10	JULY	0.10	0.125	0.100	0.39	0.14
PICKUP	10	SEPT	0.10	0.125	0.100	0.39	0.14
TOTALS				0.500	0.400	1.57	0.56

ESTAB. COST PRORATED OVER 10 YEARS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8550120021200 0
ANNUAL CAPITAL MONTH 10