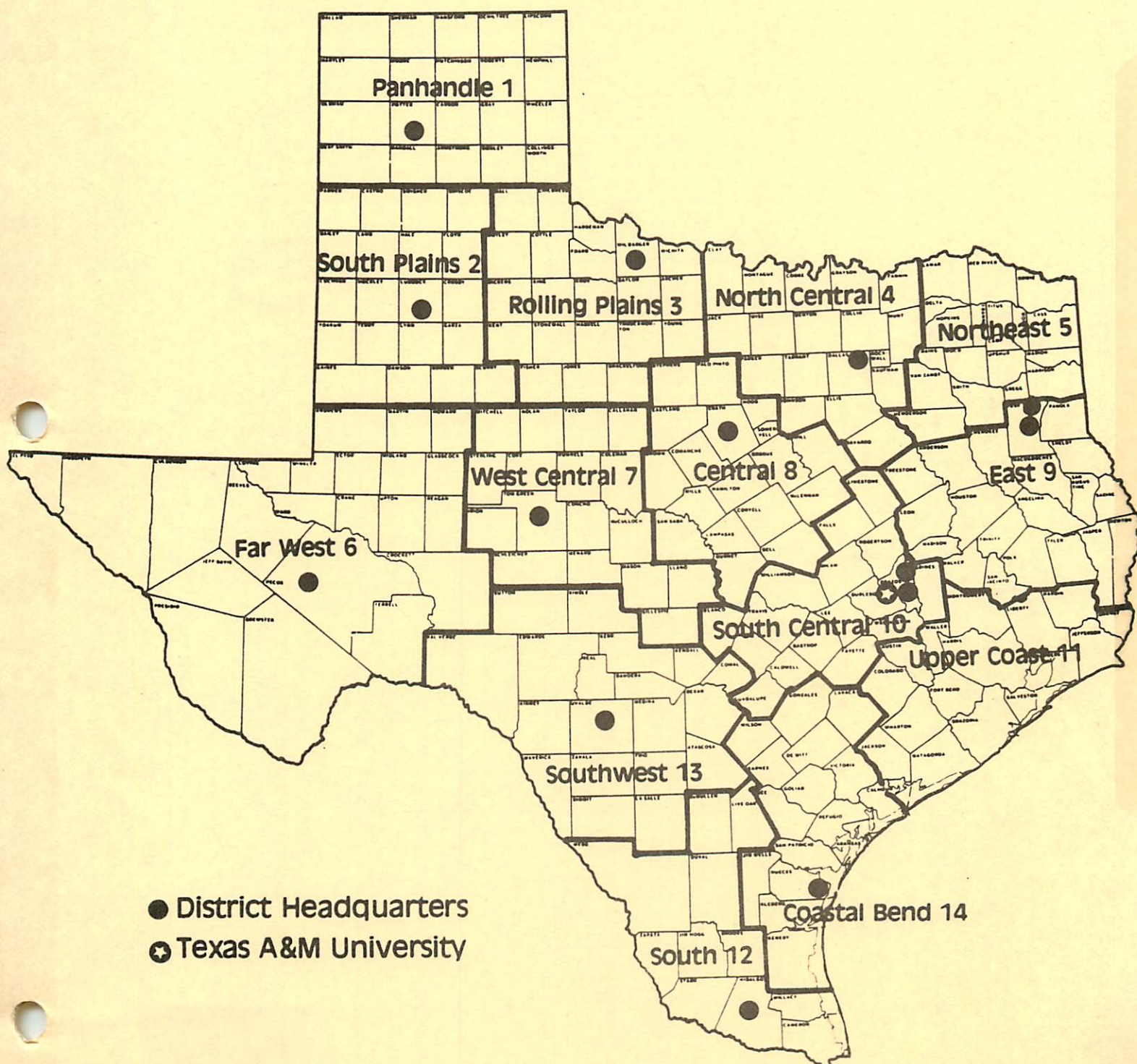


BUDGETS FOR TEXAS CROPS AND LIVESTOCK

INTRODUCTION

Enterprise budgets were developed by the Extension economist-management for each of the fourteen Extension Districts.



CONTENTS

An Introduction to the Texas Crop and Livestock Budgets *	1
Procedure	2
Terminology Used in Budgets	3
Calculating Annual Capital Requirements	5
Calculating Machinery, Equipment and Livestock Ownership Costs	6
Other Information Available	7
Limitations	7
Availability	8
Appendix I. Formulae for Estimating Machinery Cost ⁴	9
Tractor, Machinery and Implement Cost Calculation ⁵	9
Field Capacity Calculation	9
Fuel Requirement and Cost Calculations	10
Lube Cost Calculation	10
Repair and Maintenance	10
Insurance	11
Depreciation	11
Interest on Investment	11
Note on Hours of Annual Use of Tractors, Machinery and Implements	12
Equipment Cost Calculation Procedure	12
Fuel Costs	12
Repair and Maintenance Calculations	12
Hired Labor	12
Insurance	12
Depreciation	13
Interest on Investment	13
Auto and Truck Cost Calculation Procedures	13
Fuel	13
Repair and Maintenance Calculations	13
Operator Labor	14
Insurance, License, and Taxes	14
Depreciation	14
Interest on Investment	14
Breeding, Milking and Working Livestock	15
Livestock Insurance	15
Depreciation (Purchased Livestock)	15
Interest on Investment	15
Building Cost Calculation Procedure	15
Fuel or Utility Cost	15
Repair and Maintenance	15
Labor	16
Property Tax	16
Insurance	16
Depreciation	16
Interest on Investment	16
Operating Capital Cost Calculation Procedure	16
TEXAS PANHANDLE DISTRICT	C1.1

Alfalfa Establishment, Furrow Irri. (Natural Gas)	C1.1
Alfalfa, Furrow Irrigated, (Natural Gas)	C1.3
Winter Barley, Dryland	C1.5
Winter Barley, Furrow Irrigated, (Natural Gas)	C1.7
Corn for Grain, Furrow Irrigated, (Natural Gas)	C1.9
Corn for Grain, Sprinkler Irrigated, (Natural Gas)	C1.11
Corn Silage, Furrow Irrigated, (Natural Gas)	C1.13
Corn Silage, Sprinkler Irrigated, (Natural Gas)	C1.15
Cotton Dryland	C1.17
Peanuts, Florunner, Sprinkler Irrigated	C1.19
Peanuts, Spanish, Sprinkler Irrigated	C1.21
Forage Sorghum, Dryland	C1.23
Forage Sorghum, Furrow Irrigated, (Natural Gas)	C1.25
Forage Sorghum for Hay, Dryland	C1.27
Sorghum, Dryland, Continuous	C1.29
Cont. Sorghum, Furrow Irrigated, (Natural Gas)	C1.31
Cont. Sorghum, Sprinkler Irrigated, (Natural Gas)	C1.33
Soybeans, Furrow Irrigated, (Natural Gas)	C1.35
Soybeans, Sprinkler Irrigated, (Natural Gas)	C1.37
Sugar Beets, Irrigated	C1.39
Continuous Wheat, Dryland	C1.41
Continuous Wheat, Furrow Irrigated, (Natural Gas)	C1.43
Cont. Wheat, Sprinkler Irrigated, (Natural Gas)	C1.45
Rotation: Wheat-Fallow-Wheat: Conv Till Wheat Bud.	C1.47
Rotation: Wheat-Fallow-Wheat: Conv Till Fallow Bud	C1.49
Rotation: Wheat-Fallow-Wheat: Min Till Wheat Bud.	C1.51
Rotation: Wheat-Fallow-Wheat: Min Till Fallow Bud.	C1.53

Set Aside Land for Dryland Crops - Conventional	C1.55
Set Aside Land for Irrigated Corn - Conventional	C1.57
Set Aside Land for Irrigated Small Grains - Conv.	C1.59
Rotation: Sorghum-Fallow-Wheat: Min Till Fallow	C1.61
Rotation: Wheat-Fallow-Sorghum: Min Till Fallow	C1.63
Rotation: Wheat-Fallow-Sorghum: No Till Fallow	C1.65
Permanent Pasture Establishment, Sprinkler Irrig.	C1.67
Permanent Pasture, Sprinkler Irrig. (Natural Gas)	C1.69
Crop Products Report	C1.71
Tractors, Implements and Equipment	C1.72
Operating Input Resources	C1.75
Auto or Truck Resources	C1.76
Custom Operation Resources	C1.77
Labor Resources	C1.78
Livestock Resources	C1.79
Land Resources	C1.80
Perennial Crop Resources	C1.81
Buildings or Improvements Resources	C1.82
Irrigation Equipment	C1.83
Machinery Cost Report	C1.84
Budget Parameters Report	C1.87
TEXAS PANHANDLE DISTRICT	L1.1
Cow-Calf Budget	L1.1
Winter Stocker Calf Budget	L1.3
Summer Stocker Calf Budget	L1.5
Livestock Products Report	L1.7
TEXAS SOUTH PLAINS DISTRICT	C2.1
Alfalfa Establishment, Irrigated (Pivot)	C2.1

Alfalfa Hay, Irrigated (Pivot)	C2.3
Corn, Irrigated (Furrow)	C2.5
Corn, Irrigated (Pivot)	C2.7
Cotton, 2 X 1, Dryland (Heavier Textured Soils)*	C2.9
Cotton, 2 X 1, Dryland (Sandy Soils)*	C2.11
Cotton, Furrow Irrigated (Heavier Textured Soils)	C2.13
Cotton, Sprinkler Irrigated (Sandy Soils)	C2.15
Fresh Market Potatoes, Center Pivot Irrigated	C2.17
Grain Sorghum, Dryland (Heavier Textured Soil)	C2.19
Grain Sorghum, Dryland (Sandy Soil)	C2.21
Sorghum, Furrow Irrigated (Heavier Textured Soils)	C2.23
Sorghum, Irrigated - Pivot (Sandy Soils)	C2.25
Set Aside Land for Row Crops	C2.27
Soybeans, Furrow Irrigated	C2.29
Sunflowers, Dryland	C2.31
Sunflowers, Furrow Irrigated	C2.33
Wheat, Dryland (Heavier Texture Soils)	C2.35
Wheat, Dryland (Sandy Soils)	C2.37
Wheat, Furrow Irrigated (Heavier Texture Soils)	C2.39
Wheat, Irrigated - Pivot (Sandy Soils)	C2.41
Wheat, Irrigated - Pivot (Heavier Text. Soil)	C2.43
Set Aside Land for Wheat	C2.45
Crop Products Report	C2.47
Tractors, Implements and Equipment	C2.48
Operating Input Resources	C2.50
Auto or Truck Resources	C2.51
Custom Operation Resources	C2.52

Labor Resources	C2.53
Land Resources	C2.54
Perennial Crop Resources	C2.55
Irrigation Equipment	C2.56
Machinery Cost Report	C2.57
Budget Parameters Report	C2.59
TEXAS PANHANDLE DISTRICT	L1.1
Cow-Calf Budget	L1.1
Winter Stocker Calf Budget	L1.3
Summer Stocker Calf Budget	L1.5
Livestock Products Report	L1.7
TEXAS ROLLING PLAINS DISTRICT	C3.1
Alfalfa Establishment, Dryland	C3.1
Alfalfa, Dryland	C3.3
Alfalfa Establishment, Irrigated	C3.5
Alfalfa, Irrigated	C3.7
Coastal Bermudagrass Establishment, Irrigated	C3.9
Coastal Bermudagrass Hay, Irrigated	C3.11
Cotton, Dryland (Solid 40" Rows)	C3.13
Cotton, Dryland, Narrow Row	C3.15
Cotton, Dryland, (2 X 2 Planting Pattern)	C3.17
Cotton, Dryland(2x1 Planting) Conservation Tillage	C3.19
Cotton, Irrigated	C3.21
Guar, Dryland	C3.23
Guar, Irrigated	C3.25
Sorghum, Dryland	C3.27
Sorghum, Irrigated	C3.29
Sorghum, Dryland, Conservation Tillage	C3.31

Wheat, Dryland	C3.33
Wheat, Dryland, Conservation Tillage	C3.35
Crop Products Report	C3.37
Tractors, Implements and Equipment	C3.38
Operating Input Resources	C3.41
Auto or Truck Resources	C3.42
Custom Operation Resources	C3.43
Labor Resources	C3.44
Livestock Resources	C3.45
Land Resources	C3.46
Perennial Crop Resources	C3.47
Buildings or Improvements Resources	C3.48
Irrigation Equipment	C3.49
Machinery Cost Report	C3.50
Budget Parameters Report	C3.52
TEXAS ROLLING PLAINS DISTRICT	L3.1
Cow-Calf Production	L3.1
Farrow to Finish Hog Production	L3.3
Feeder Pig Production	L3.5
Finishing Hogs	L3.7
Stocker Calf Budget - Pull off Wheat March 1	L3.9
Stocker Calf Budget - Grazeout	L3.11
Livestock Products Report	L3.13
NORTH CENTRAL TEXAS DISTRICT	C4.1
Coastal Bermudagrass Establishment	C4.1
Coastal Bermudagrass Hay	C4.3
Coastal Bermudagrass Pasture	C4.5
Bermudagrass Overseeded with Ryegrass & Clover	C4.7

Sorghum for Hay	C4.9
Set Aside Land without Cover Crop	C4.11
Set Aside Land with Cover Crop	C4.13
Corn after Wheat (No Side Dress Nitrogen)	C4.15
Corn after Wheat (Side Dress Nitrogen)	C4.17
Cotton after Wheat (Early Season Insect Control)	C4.19
Cotton after Wheat (Full Season Insect Control)	C4.21
Spanish Peanuts, Dryland, Solid Plant	C4.23
Sorghum after Wheat (Nitrogen Fertilizer Only)	C4.25
Sorghum after Wheat	C4.27
Soybeans	C4.29
Wheat Production, No Fertilizer	C4.31
Wheat Production, Fall Nitrogen Fertilizer Only	C4.33
Wheat Production, Fall & Spring Fertilizer	C4.35
Wheat Production, High Input Management	C4.37
Wheat Production with Grazing	C4.39
Wheat Production, Grazing Only	C4.41
Crop Products Report	C4.43
Tractors, Implements and Equipment	C4.44
Operating Input Resources	C4.48
Auto or Truck Resources	C4.50
Custom Operation Resources	C4.51
Labor Resources	C4.52
Livestock Resources	C4.53
Land Resources	C4.54
Perennial Crop Resources	C4.55
Buildings or Improvements Resources	C4.56

Irrigation Equipment	C4.57
Machinery Cost Report	C4.58
Budget Parameters Report	C4.60
Peaches, Dryland, 50 Trees/Acre, 1st Year	C4.61
Peaches, Dryland, 50 Trees/Acre, 2nd Year	C4.63
Peaches, Dryland, 50 Trees/Acre, 3rd Year	C4.65
Peaches, Dryland, 50 Trees/Acre, 4th to 15th Year	C4.67
Peaches, Irrigated, 100 Trees/Acre, 1st Year	C4.69
Peaches, Irrigated, 100 Trees/Acre, 2nd Year	C4.71
Peaches, Irrigated, 100 Trees/Acre, 3rd Year	C4.73
Peaches, Irrigated, 100 Trees/Acre, 4th-15th Year	C4.75
PECANS, IRRIGATED, ESTABLISHMENT YEAR	C4.77
Pecans, Irrigated, 1st to 4th Years	C4.79
Pecans, Irrigated, 5th to 9th Years	C4.81
Pecans, Irrigated, 10th to 20th Years	C4.83
Crop Products Report	C4.85
Tractors, Implements and Equipment	C4.86
Operating Input Resources	C4.87
Auto or Truck Resources	C4.88
Custom Operation Resources	C4.89
Labor Resources	C4.90
Land Resources	C4.91
Perennial Crop Resources	C4.92
Buildings or Improvements Resources	C4.93
Irrigation Equipment	C4.94
Machinery Cost Report	C4.95
Budget Parameters Report	C4.96
NORTH CENTRAL TEXAS DISTRICT	L4.1

Cow-Calf Production Improved Pastures 40 Cow Herd	L4.1
Cow-Calf Production Native Pastures 40 Cow Herd	L4.3
Stocker Steers (Wheat Grazing Nov-Feb 120 Days)	L4.5
Stocker Steers (Wheat Grazing Nov-May 210 Days)	L4.7
Stocker Calf Production (Native Pasture)	L4.9
Dairy Production (without Silage)	L4.11
Dairy Production (with Silage)	L4.13
Livestock Products Report	L4.15
NORTHEAST TEXAS DISTRICT	C5.1
Corn, Dryland	C5.1
Cotton, Dryland	C5.3
Sorghum, Dryland	C5.5
Soybeans, Dryland	C5.7
Wheat, Dryland	C5.9
Coastal Bermuda Establishment	C5.11
Coastal Bermudagrass Hay	C5.13
Coastal Bermuda Pasture, Maintenance	C5.15
Cstl Bermuda Pasture, Overseeded Clover & Ryegrass	C5.17
Small Grains - Ryegrass Winter Pasture	C5.19
Christmas Tree Production (Wholesale)	C5.21
Christmas Tree Production (Choose & Cut)	C5.25
Peaches, First Year	C5.29
Peaches, Second Year	C5.31
Peaches, Third Year	C5.33
Peaches, Fourth Year	C5.35
Peaches, Fifth Year	C5.37
Peaches, Sixth through Twelfth Years	C5.39

Crop Products Report	C5.41
Tractors, Implements and Equipment	C5.42
Operating Input Resources	C5.46
Auto or Truck Resources	C5.48
Custom Operation Resources	C5.49
Labor Resources	C5.50
Livestock Resources	C5.51
Land Resources	C5.52
Perennial Crop Resources	C5.53
Buildings or Improvements Resources	C5.54
Irrigation Equipment	C5.55
Machinery Cost Report	C5.56
Budget Parameters Report	C5.59
NORTHEAST TEXAS DISTRICT	L5.1
Cow-Calf Production with Winter Pasture	L5.1
Stocker Production - Winter Pasture	L5.3
Livestock Products Report	L5.5
FAR WEST TEXAS DISTRICT	C6.1
COTTON, DRYLAND-Per Ground Acre Costs & Returns 2X1	C6.1
SOUTHERN HIGH PLAINS SET ASIDE BUDGET	C6.3
COTTON, IRRIGATED-Per Ground Acre Costs & Returns	C6.5
PECOS VALLEY PUMP AREA SET ASIDE BUDGET	C6.7
Crop Products Report	C6.9
Tractors, Implements and Equipment	C6.10
Operating Input Resources	C6.12
Auto or Truck Resources	C6.13
Custom Operation Resources	C6.14
Labor Resources	C6.15

Livestock Resources	C6.16
Land Resources	C6.17
Buildings or Improvements Resources	C6.18
Irrigation Equipment	C6.19
Machinery Cost Report	C6.20
Budget Parameters Report	C6.22
FAR WEST TEXAS DISTRICT	L6.1
Cow-Calf Production	L6.1
Livestock Products Report	L6.3
WEST CENTRAL TEXAS DISTRICT	C7.1
Sorghum, Dryland	C7.1
Coastal Bermudagrass Establishment, Dryland	C7.3
Coastal Bermudagrass Pasture, Dryland	C7.5
Coastal Bermudagrass Establishment, Irrigated	C7.7
Coastal Bermudagrass Pasture, Irrigated	C7.9
Coastal Bermudagrass Hay, Irrigated	C7.11
Hybrid Sudan-Sorghum Hay and Grazing	C7.13
Kleingrass Establishment, Dryland	C7.15
Kleingrass Pasture, Dryland	C7.17
Oats, Dryland	C7.19
Small Grain for Grazing	C7.21
Spanish Peanuts, Irrigated, Solid Planting	C7.23
Cotton, Dryland	C7.25
Cotton, Irrigated	C7.27
Wheat, Dryland	C7.29
Crop Products Report	C7.31
Tractors, Implements and Equipment	C7.32
Operating Input Resources	C7.35

Auto or Truck Resources	C7.36
Custom Operation Resources	C7.37
Labor Resources	C7.38
Livestock Resources	C7.39
Land Resources	C7.40
Perennial Crop Resources	C7.41
Buildings or Improvements Resources	C7.42
Irrigation Equipment	C7.43
Machinery Cost Report	C7.44
Budget Parameters Report	C7.46
WEST CENTRAL TEXAS DISTRICT	L7.1
Cow-Calf Production	L7.1
Sheep Production	L7.3
Goat Production	L7.5
Ranch Budget	L7.7
Livestock Products Report	L7.9
CENTRAL TEXAS DISTRICT	C8.1
Coastal Bermudagrass Establishment,* Dryland	C8.1
Coastal Bermudagrass Hay, Dryland	C8.3
Coastal Bermudagrass Pasture, Dryland	C8.5
Corn Silage, Dryland	C8.7
Sorghum, Dryland	C8.9
Kleingrass Establishment, Dryland	C8.11
Kleingrass Hay, Dryland	C8.13
Kleingrass Pasture, Dryland	C8.15
Native Grass Pasture, Dryland	C8.17
Small Grain for Grazing, Dryland	C8.19
Runner Peanuts, Dryland, Solid Planted	C8.21

Runner Peanuts, Dryland, Skip-Row Planting	C8.23
Runner Peanuts, Irrigated, Solid Plant	C8.25
Runner Peanuts, Irrigated, Skip-Row Planting	C8.27
Spanish Peanuts, Dryland, Solid Plant	C8.29
Spanish Peanuts, Irrigated, Solid Plant	C8.31
Sudan-Sorghum Hay, Dryland	C8.33
Sudangrass Pasture, Dryland	C8.35
Wheat, Dryland	C8.37
Peaches, Irrigated, First Year	C8.39
Peaches, Irrigated, Second Year	C8.41
Peaches, Irrigated, Third Year	C8.43
Peaches, Irrigated, Fourth through Fifteenth Years	C8.45
Corn Production after Previous Years Wheat	C8.47
Cotton Production after Wheat	C8.49
Set Aside Land without Diversion Payment	C8.51
Sorghum Production after Sorghum	C8.53
Sorghum for Hay	C8.55
Wheat Production Following Grain Sorghum	C8.57
Wheat Production, Continuous with Grazing	C8.59
Crop Products Report	C8.61
Tractors, Implements and Equipment	C8.62
Operating Input Resources	C8.69
Auto or Truck Resources	C8.72
Custom Operation Resources	C8.73
Labor Resources	C8.74
Livestock Resources	C8.75
Land Resources	C8.76