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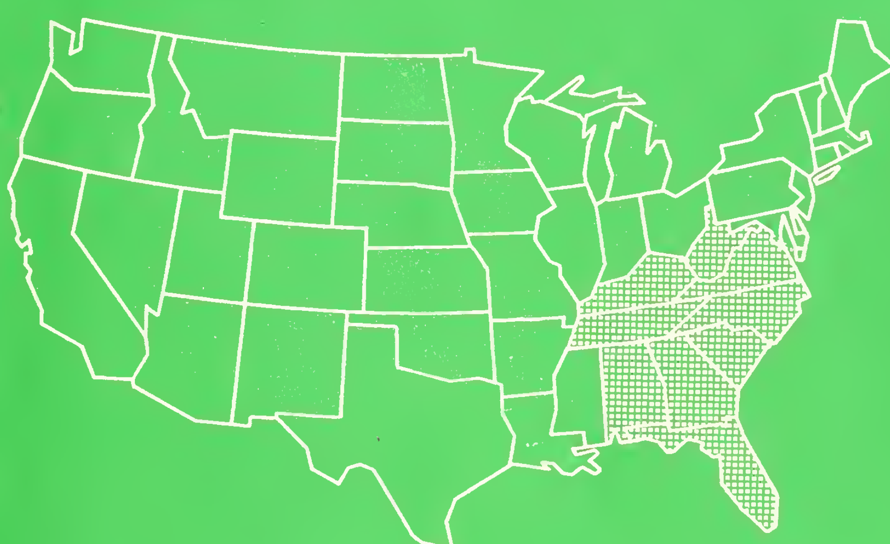
SELECTED U.S. CROP BUDGETS
Yields, Inputs, and Variable Costs



Volume I
Southeast Region

U.S. DEPARTMENT OF AGRICULTURE ECONOMIC RESEARCH SERVICE

ABSTRACT

This report contains estimates of variable costs of producing major crops in nine production areas in the Southeast region of the United States. Crops include cotton, corn, soybeans, wheat, oats, barley, grain sorghum, peanuts, and tobacco. Budgets show the quantity and value of specific preharvest and harvest inputs, total preharvest costs per acre planted, and total variable costs per acre planted. Detailed breakdowns of seasonal labor use, crop yields, and rates of fertilization are also included.

Keywords: Crop costs, Crop budgets, Production costs, Southeast region.

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Although these people and institutions share credit for developing the data base, they do not, of course, share responsibility for interpretation of the data in these budgets.

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Yields, Inputs, and Variable Costs
Volume I.--Southeast Region

by

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INTRODUCTION

This report is one of a set presenting estimates of variable costs of producing major crops in different regions of the United States. Regions, in addition to the Southeast, include the North Central, Great Plains, South Central, Southwest, and Northwest (fig. 1).

These budgets were developed by the Farm Production Economics Division of the Economic Research Service specifically for use in its Aggregate Production Analysis System (APAS). 1/ Similar assumptions and methodology were used in estimating the data in all six regions. Consequently, the budgets provide comparable estimates of crop yields and variable production costs both within and among the major crop-producing areas of the United States.

These reports are primarily for the use of other analysts and researchers; the budgets include only variable costs and are not intended to represent total production costs. Input items in the budgets are expressed in both physical and monetary terms. Thus, when appropriate, physical levels, price levels, or both can be adjusted to reflect up-to-date information. The budgets are a key data input to APAS and are adjusted as new information or circumstances require.

Geographic coverage, assumptions, and definitions are detailed in subsequent sections.

1/ This system is designed to provide estimates of response in aggregate production and resource use to changes in costs, prices, resource availabilities, and Government programs. For a description and analysis of this system and its organization see: W. Neill Schaller. "A National Model of Agricultural Production Response." Agr. Econ. Res. 20(2), Apr. 1968; and Jerry A. Sharples and W. Neill Schaller. "Predicting Short-Run Aggregate Adjustment to Policy Alternatives." Amer. Jour. Agr. Econ. 50(5), Dec. 1968.

PRODUCTION AREAS AND RESOURCE SITUATIONS

The United States has been divided into seven major production regions for convenience within APAS, with each region being subdivided into specific areas having similar production characteristics (fig. 1). Specific resource situations are also defined in each production area.

The Southeast includes nine production areas, as shown in figure 1, and 19 resource situations. The latter have been differentiated to account for effects of farm size and soil type on production costs. A description of these resource situations by areas follows:

Area	Description	Farm size or soil group		
		1	2	3
A	Southern Piedmont	Small 1/	Large 2/	
B	Southeastern Coastal Plain	Small	Large	
C	Southern Coastal Plain	Small	Large	
D	Limestone Valley and Sand Mountain	Small (Valley)	Large (Valley)	Small (Mountain)
E	Clay Hills (Alabama and Tennessee)	Large (Soil I)	Small (Soil II)	Small (Soil III)
F	Black Prairie (Alabama)	Large		
G	Tennessee Brown Loam	Small (Soil I)	Large (Soil I)	
		Small (Soil II)	Large (Soil II)	
H	North Carolina Piedmont	Small		
I	North Carolina Coastal Plain	Small		

1/ Less than 100 acres of cropland.
2/ 100 acres of cropland and over.

ASSUMPTIONS AND DEFINITIONS

Historical data were used to develop estimates of expected yields and prices of inputs for major crops by production areas.2/ The technical coefficients are based largely on data from past regional studies. These coefficients have been updated to 1970 with data from field surveys, experimental tests, and the judgment of agricultural scientists in the region.

Estimates of yields in 1970 are based on historical acreages and production reported by the Statistical Reporting Service, U.S. Department of Agriculture. Estimates of fertilizer rates, pesticide use, crop insurance, and methods of harvesting crops are based on published and unpublished data from the Statistical Reporting Service and the Economic Research Service.

2/ From Annual Summaries of Agricultural Prices, and State Summaries of Production, Statis. Rpt. Serv., U.S. Dept. Agr., 1962-69.

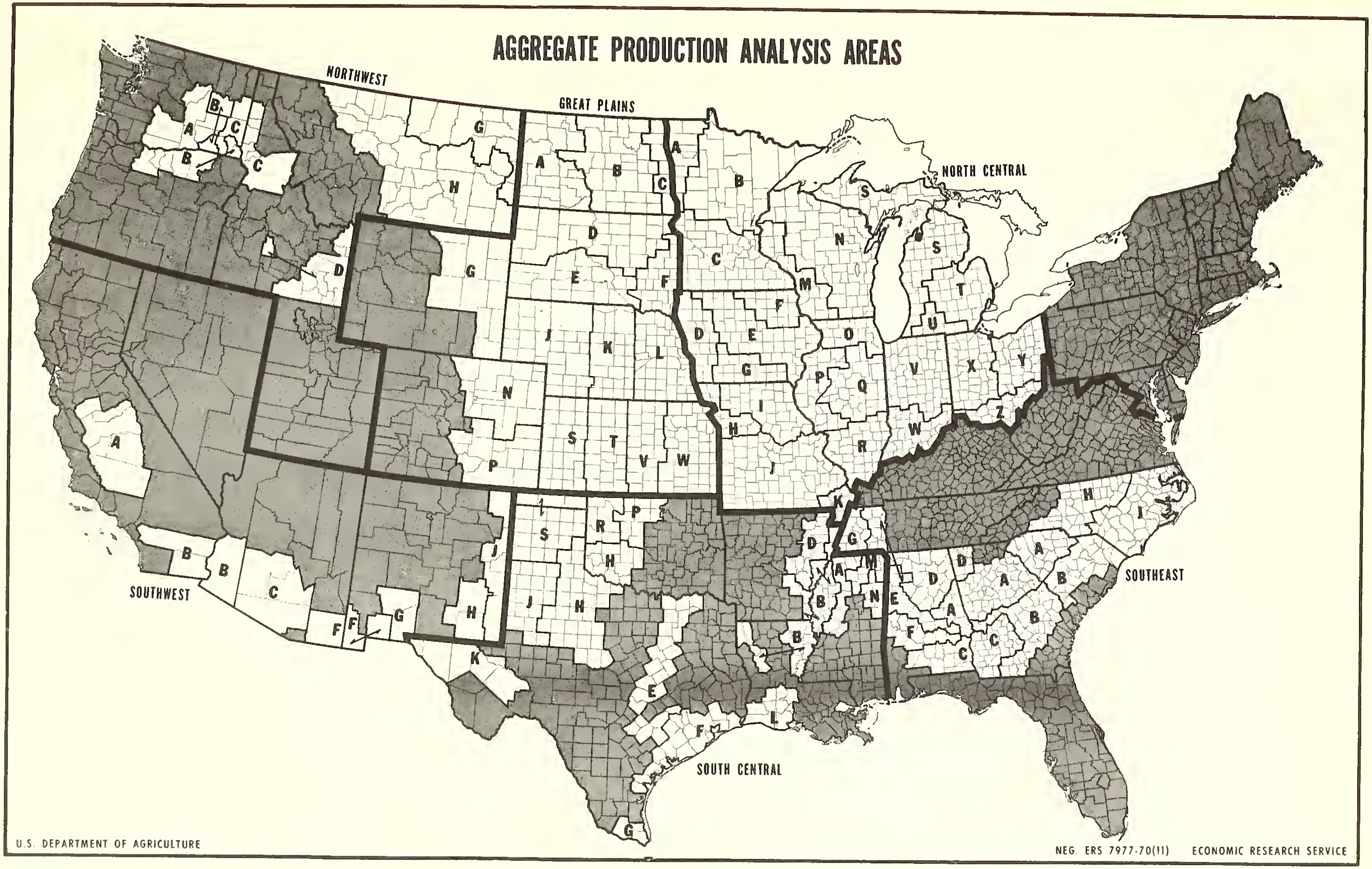
AGGREGATE PRODUCTION ANALYSIS AREAS
NORTHWEST
GREAT PLAINS
NORTH CENTRAL
SOUTHWEST
SOUTH CENTRAL
SOUTHEAST
U.S. DEPARTMENT OF AGRICULTURE
NEG. ERS 7977-70(11)
ECONOMIC RESEARCH SERVICE

Figure 1

Average Costs

Crop budgets reflect mean costs rather than modal or typical costs; that is, estimates relate to mean fertilizer and pesticide practices, average cost experience, etc., for all production in the respective producing areas. Harvesting costs are the weighted average costs of all important harvesting methods used in the respective areas. For example, the small grain budgets show both custom harvesting and harvesting by owned equipment, the share of each depending on the average ratio for the crop in the area.

In many cases, the information shown in the average budgets is sufficient to estimate the underlying typical budget. For example, the cost of harvesting wheat with an owned combine may be estimated by expanding the labor and equipment costs to cover the custom combined portion currently shown in the budget.

Labor

The budgets include two categories of labor. Regular labor is defined as operator labor and regular hired labor of full-time wage workers. A charge of $1.25 per hour was made for all regular labor. Seasonal labor, the second category, is defined as unskilled labor hired on a short-term basis and paid by the hour or day. Labor paid on a piece-rate basis such as handpicking of cotton is excluded from the labor totals shown in the budgets. Labor used as part of a custom operation also is excluded from total labor for each crop.

Power and Equipment

It is assumed that two-row equipment is used on small farms, and a combination of two-row and four-row equipment on large farms. Tractor and equipment costs include fuel, lubricants, and repairs.

Custom services are assumed for harvesting crops on small farms, and owned equipment on large farms.

Cotton harvest costs reflect a composite of machine harvest and handpicking. The proportion harvested by each method is indicated in the budgets.

Interest Charge

Interest on operating capital was charged at 7 percent for the time borrowed money was actually used. This charge was made on all preharvest costs except the cost of operator and regular hired labor.

Input Prices and Crop Yields

Input prices and crop yields reflect projected 1970 levels, assuming normal weather conditions and average technology, and should not be interpreted as recommendations or as predictions of expected prices or yields at any future time.

ENTERPRISE BUDGETS

Enterprise budgets are shown for cotton, corn, soybeans, wheat, oats, barley, grain sorghum, peanuts, and tobacco. These budgets indicate the quantity and value of specific preharvest and harvest inputs, total preharvest costs per acre planted, harvesting costs per acre harvested and per acre planted, and total variable costs per acre planted. Detailed breakdowns of seasonal labor use, crop yields, and rates of fertilization are also included.

Production and Costs Summarized

Summaries of individual crop budgets, presented in tables 1-7, provide comparisons of interarea cost differences as well as cost differences among crops within areas. These tables show estimates of yield per acre planted and per acre harvested, and total variable cost per acre planted and per unit of production (pound or bushel) for each crop and for each resource situation specified.

Cotton

Tables 8-19 present cotton budgets and related information for the various resource situations defined in the Southeast region. Budgets are included for solid planted cotton in all areas in the region, and for skip-row cotton in the Southern Coastal Plain (area C) and the Limestone Valley (area D). Skip-row planted cotton is more important in areas C and D than in other areas of the region. The cotton yields shown at the end of each budget represent net pounds of lint per acre.

Corn

Budgets showing corn harvested for grain in each area and resource situation are presented in tables 20-29.

Soybeans

Tables 30-41 contain budgets for soybeans. These budgets cover all production areas and all resource situations except the Sand Mountain small farm situation (area D) and the Soil III situation in the Clay Hills (area E) where soybean production is of no consequence.

Wheat and Oats

Wheat budgets are shown in tables 42-48, and oats harvested for grain in tables 49-57. Wheat budgets are included for all areas except the Clay Hills (area E) and two resource situations in the Limestone Valley (area D). All resource situations are included in the oats budgets except one in the Clay Hills and two in the Limestone Valley.

Other Crops

Other crop budgets include barley (tables 58-60) in the Southern Piedmont (area A), Southeastern Coastal Plain (area B), and the North Carolina Piedmont (area H) and Coastal Plain (area J); grain sorghum (table 61) in area H in North Carolina; peanuts (tables 62-64) in the Southeastern Coastal Plain (area B), the Southern Coastal Plain (area C), and the North Carolina Coastal Plain (area J); and tobacco (tables 65-66) in areas B, H, and J.

Table 1.--Summary of production and variable costs for cotton, Southeast Region

Area and resource situation	Yield: Per planted acre	Yield: Per harvested acre	Total variable cost: Per planted acre	Total variable cost: Per pound a/
	Pounds	Pounds	Dollars	Dollars
Area A-Southern Piedmont				
Small farm	371	386	104.02	0.248
Large farm	430	448	101.07	.202
Area B-Southeastern Coastal Plain				
Small farm	405	422	116.99	.256
Large farm	489	509	111.72	.196
Area C-Southern Coastal Plain				
Solid planting pattern:				
Small farm	418	435	113.91	.240
Large farm	459	478	99.48	.184
Plant-two-rows, skip-two rows pattern:				
Small farm	577	601	146.09	.221
Large farm	632	658	126.31	.167
Area D-Limestone Valley and Sand Mountain				
Solid planting pattern:				
Small farm (Valley)	468	477	112.22	.207
Large farm (Valley)	563	574	101.62	.148
Small farm (Sand Mountain)	497	508	117.03	.203
Plant-two-row, skip-two-row pattern:				
Small farm (Valley)	613	626	138.12	.193
Large farm (Valley)	708	723	109.16	.122
Area E-Clay Hills				
Large farm (Soil I)	555	584	101.07	.162
Small farm (Soil II)	491	516	121.96	.216
Small farm (Soil III)	427	449	115.97	.239
Area F-Black Prairie				
Large farm	423	432	97.27	.198
Area G-Tennessee Brown Loam				
Small farm (Soil I)	563	592	130.11	.197
Small farm (Soil II)	479	504	121.04	.218
Large farm (Soil I)	639	673	107.28	.134
Large farm (Soil II)	556	585	103.48	.152
Area H-North Carolina Piedmont				
Small farm	351	370	99.36	.250
Area J-North Carolina Coastal Plain				
Small farm	360	379	98.53	.241

a/ Total variable cost minus value of cottonseed divided by net pounds of lint cotton per planted acre.

Table 2.--Summary of production and variable costs for corn, Southeast Region

Area and resource situation	Yield		Total variable cost	
	Per planted acre	Per harvested acre	Per planted acre	Per bushel
	Bushels	Bushels	Dollars	Dollars
Area A-Southern Piedmont				
Small farm	41.6	42.5	40.94	0.98
Large farm	41.6	42.5	32.21	.77
Area B-Southeastern Coastal Plain				
Small farm	56.0	59.0	46.41	.83
Large farm	56.0	59.0	37.81	.68
Area C-Southern Coastal Plain				
Small farm	51.0	52.0	40.33	.79
Large farm	51.0	52.0	33.52	.66
Area D-Limestone Valley and Sand Mountain				
Small farm (Valley)	46.1	47.5	39.62	.86
Large farm (Valley)	46.1	47.5	33.84	.73
Small farm (Sand Mountain)	46.1	47.5	39.49	86
Area E-Clay Hills				
Large farm (Soil I)	55.0	55.0	37.67	.68
Small farm (Soil II)	68.8	68.8	47.62	.69
Small farm (Soil III)	45.8	45.8	43.90	.96
Area F-Black Prarie				
Large farm	39.2	40.0	35.89	.92
Area G-Tennessee Brown Loam				
Small farm (Soil I)	68.0	68.0	47.62	.70
Small farm (Soil II)	50.0	50.0	43.90	.88
Large farm (Soil I)	68.0	68.0	39.34	.58
Large farm (Soil II)	50.0	50.0	36.10	.72
Area H-North Carolina Piedmont				
Small farm	54.0	60.0	42.50	.79
Area J-North Carolina Coastal Plain				
Small farm	63.0	70.0	47.00	.75

Table 3.--Summary of production and variable costs for soybeans, Southeast Region

Area and resource situation	Yield: Per planted acre	Yield: Per harvested acre	Total variable cost: Per planted acre	Total variable cost: Per bushel
	Bushels	Bushels	Dollars	Dollars
Area A-Southern Piedmont				
Small farm	25.0	26.3	30.22	1.21
Large farm	25.0	26.3	24.70	.99
Soybeans following small grain				
Small farm	18.8	19.8	26.84	1.43
Large farm	18.8	19.8	21.34	1.14
Area B-Southeastern Coastal Plain				
Small farm	25.0	26.3	33.86	1.35
Large farm	25.0	26.3	27.60	1.10
Soybeans following small grain				
Small farm	19.9	20.9	29.45	1.48
Large farm	19.9	20.9	23.49	1.18
Area C-Southern Coastal Plain				
Small farm	27.0	27.5	36.86	1.37
Large farm	27.0	27.5	30.23	1.12
Soybeans following small grain				
Small farm	22.4	22.9	32.08	1.43
Large farm	22.4	22.9	26.00	1.16
Area D-Limestone Valley and Sand Mountain				
Small farm (Valley)	30.1	31.0	37.19	1.24
Large farm (Valley)	30.1	31.0	32.13	1.07
Area E-Clay Hills				
Large farm (Soil I)	27.0	27.0	25.32	.94
Small farm (Soil II)	32.0	32.0	37.71	1.18
Area F-Black Prarie				
Large farm	27.4	28.5	30.21	1.10
Area G-Tennessee Brown Loam				
Small farm (Soil I)	30.0	30.0	37.84	1.26
Small farm (Soil II)	23.0	23.0	35.78	1.56
Large farm (Soil I)	30.0	30.0	27.06	.90
Large farm (Soil II)	23.0	23.0	25.70	1.12
Area H-North Carolina Piedmont				
Small farm	22.8	24.0	34.66	1.52
Area J-North Carolina Coastal Plain				
Small farm	23.5	24.7	36.60	1.56

Table 4.--Summary of production and variable costs for wheat, Southeast Region

Area and resource situation	Yield: Per planted acre	Yield: Per harvested acre	Total variable cost: Per planted acre	Total variable cost: Per bushel
	Bushels	Bushels	Dollars	Dollars
Area A-Southern Piedmont				
Small farm	28.5	30.0	34.27	1.20
Large farm	28.5	30.0	29.36	1.03
Area B-Southeastern Coastal Plain				
Small farm	31.8	33.5	37.42	1.18
Large farm	31.8	33.5	32.52	1.02
Area C-Southern Coastal Plain				
Small farm	33.3	35.0	36.32	1.09
Large farm	33.3	35.0	31.12	.93
Area D-Limestone Valley				
Large farm (Valley)	31.0	32.0	33.15	1.07
Area G-Tennessee Brown Loam				
Small farm (Soil I)	34.2	38.0	37.84	1.11
Small farm (Soil II)	31.5	35.0	35.48	1.13
Large farm (Soil I)	34.2	38.0	28.54	.83
Large farm (Soil II)	31.5	35.0	26.86	.85
Area H-North Carolina Piedmont				
Small farm	43.5	50.0	36.40	.84
Area J-North Carolina Coastal Plain				
Small farm	43.5	50.0	36.56	.84

Table 5.--Summary of production and variable costs for oats, Southeast Region

Area and resource situation	Yield		Total variable cost	
	Per planted acre	Per harvested acre	Per planted acre	Per bushel
	Bushels	Bushels	Dollars	Dollars
Area A-Southern Piedmont				
Small farm........................	43.5	45.8	29.69	.68
Large farm........................	43.5	45.8	24.79	.57
Area B-Southeastern Coastal Plain				
Small farm........................	40.8	45.3	30.40	.75
Large farm........................	40.8	45.3	26.59	.65
Area C-Southern Coastal Plain				
Small farm........................	46.1	48.5	32.54	.71
Large farm........................	46.1	48.5	27.26	.59
Area D-Limestone Valley				
Large farm(Valley)................	46.1	48.0	28.24	.61
Area E-Clay Hills				
Large farm (Soil I)	49.5	55.0	27.18	.55
Small farm (Soil III)	34.2	38.0	28.83	.84
Area F-Black Prarie				
Large farm........................	38.0	40.0	27.88	.73
Area G-Tennessee Brown Loam				
Small farm (Soil I)	45.0	50.0	35.34	.79
Small farm (Soil II)..............	43.2	48.0	33.14	.77
Large farm (Soil I)	49.5	55.0	26.76	.54
Large farm (Soil II)..............	44.1	49.0	25.08	.57
Area H-North Carolina Piedmont				
Small farm........................	47.5	50.0	37.05	.78
Area J-North Carolina Coastal Plain				
Small farm........................	54.2	57.0	37.20	.69

Table 6.--Summary of production and variable costs for barley and grain sorghum, Southeast Region

Area and resource situation	Yield: Per planted acre	Yield: Per harvested acre	Total variable cost: Per planted acre	Total variable cost: Per bushel
	Bushels	Bushels	Dollars	Dollars
Barley:				
Area A-Southern Piedmont				
Small farm......................	40.1	42.2	32.19	.80
Large farm......................	40.1	42.2	27.29	.68
Area B-Southeastern Coastal Plain				
Small farm......................	37.0	38.9	31.17	.84
Large farm......................	37.0	38.9	26.27	.71
Area H-North Carolina Piedmont				
Small farm......................	44.7	47.0	37.88	.85
Area J-North Carolina Coastal Plain				
Small farm......................	44.7	47.0	38.04	.85
Grain sorghum:				
Area H-North Carolina Piedmont				
Small farm......................	45.0	50.0	32.61	.72

Table 7.--Summary of production and variable costs for peanuts and tobacco, Southeast Region

Area and resource situation	Yield: Per planted acre	Yield: Per harvested acre	Total variable cost: Per planted acre	Total variable cost: Per pound
	Pounds	Pounds	Dollars	Dollars
Peanuts				
Area B-Southeastern Coastal Plain				
Small farm	1,862	1,960	100.00	0.054
Large farm	1,862	1,960	85.50	.046
Area C-Southern Coastal Plain				
Small farm	1,824	1,920	95.06	.052
Large farm	1,824	1,920	83.45	.046
Area J-North Carolina Coastal Plain				
Small farm	2,328	2,400	127.91	.055
Tobacco				
Area B-Southeastern Coastal Plain				
Small and large farm	1,800	1,800	738.60	.410
Area H-North Carolina Piedmont				
Small farm	1,880	1,880	648.42	.345
Area J-North Carolina Coastal Plain				
Small farm	2,000	2,000	716.57	.358

Table 8.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	5.99	7.49	4.17	5.21
Seasonal	do.	1.00	6.75	6.75	4.90	4.90
Seed:						
Cottonseed, 75 percent acid delinted 25 percent machine delinted	Pound	.14	20.63	2.89	20.63	2.89
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	5.00	11.25	6.00	13.40
Nitrogen fertilizer	do.	3.60	1.25	4.50	1.80	6.48
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repair	Hour	1.08	5.99	6.47	.85	.92
Tractor (4-R) fuel, lubricant, and repair	do.	1.82	---	---	2.34	4.26
Equipment, repair and lubricant	do.	---	---	1.77	---	2.37
Truck, fuel, lubricant, and repairs	do.	---	.40	.36	.40	.46
Insecticides:						
Materials, various	Acre	---	1.00	11.48	1.00	14.37
Aerial application, 2 times, custom	do.	1.50	1.00	1.50	1.00	1.50
Herbicides:						
Preemerge application	do.	---	1.00	4.20	1.60	6.06
Postemerge application	do.	---	.20	.35	1.50	2.61
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	52.81	2.47	61.51	2.87
Total preharvest	Acre	---	1.0	62.77	1.0	69.59

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Dec.	Total	Regular	Seasonal
Small farm	1.03	2.18	1.72	5.11	1.20	.60	.26	.26	.90	13.26	6.51	6.75
Large farm	.78	1.54	1.70	3.60	.56	.28	1.63	1.32	.61	12.02	5.45	6.57

--Continued

Table 8.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.52	0.65	1.28	1.60
Seasonal	do.	1.00	---	---	1.67	1.67
Pick cotton	Cwt.	2.85	2.64	7.52	1.23	3.51
Power and equipment:						
2-R self-propelled picker, fuel, lubricant, and repair	Hour	5.73	---	---	1.13	6.47
Truck fuel, lubricant, and repair	do.	---	.85	.76	.66	.77
Trailer repairs and lubricant	do.	---	.54	.05	.54	.08
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.75	1.12	.90	1.35
Cottonpicker	Cwt.	6.00	3.02	18.12	---	---
Defoliant	Gallon	8.75	.19	1.66	.225	1.97
Other expenses:						
Ginning and wrapping	Cwt.	2.96	4.02	11.90	4.67	13.82
Warehouse costs and commission fee	do.	---	4.02	1.64	4.67	1.90
Total harvest cost per harvested acre (95 percent harvested)	Acre	---	1.0	43.42	1.0	33.14
Total harvest cost per planted acre	do.	---	1.0	41.25	1.0	31.48
Total variable cost per planted acre	do.	---	1.0	104.02	1.0	101.07

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm	371 pounds	386 pounds	75 percent	78	57	63
Large farm	430 pounds	448 pounds	90 percent	92	64	74

Table 9.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	7.08	8.85	4.91	6.14
Seasonal	do.	1.00	6.92	6.92	5.36	5.36
Seed:						
Cottonseed, 75 percent acid delinted, 25 percent machine delinted	Pound	.14	20.63	2.89	20.63	2.89
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.20	5.25	11.55	6.25	13.75
Nitrogen fertilizer	do.	3.60	1.30	4.68	1.70	6.12
Lime,ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R), fuel, lubricant, and repair	Hour	1.08	7.08	7.65	.89	.96
Tractor (4-R), fuel, lubricant, and repair	do.	1.82	---	---	2.62	4.77
Equipment repairs and lubricant	do.	---	---	1.99	---	3.07
Truck fuel, lubricant and repairs	do.	---	.40	.36	.40	.46
Insecticides:						
Materials, various	Acre	---	1.00	15.95	1.00	20.21
Aerial application (2 times)	do.	1.50	1.00	1.50	1.00	1.50
Herbicides:						
Preemerge application	do.	---	1.00	4.70	1.00	6.06
Postemerge application	do.	---	1.00	.35	1.00	2.61
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	59.83	2.79	69.05	3.22
Total preharvest	Acre	---	---	71.47	---	78.41

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Total	Regular	Seasonal
Small farm	1.62	2.18	2.18	4.72	1.20	1.20	.47	.37	.90	14.84	7.92	6.92
Large farm	1.14	1.54	1.70	3.60	1.12	.56	1.85	.79	.61	12.91	5.96	6.95

--Continued

Table 9.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest cost per harvested acre:						
Labor:						
Regular	Hour	1.25	.84	1.05	1.05	1.31
Seasonal	do.	1.00	---	---	1.59	1.59
Picking cotton	Cwt.	2.85	2.22	6.33	1.07	3.05
Power and equipment:						
2-R self-propelled cotton picker, fuel, lubricant and repairs	Hour	5.73	---	---	1.05	6.02
Truck, fuel, lubricant, and repairs	do.	---	.79	.70	.54	.63
Trailer, repairs and lubricant	do.	---	.54	.05	.54	.08
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.80	1.20	1.00	1.50
Cotton picker	Cwt.	6.00	3.52	21.12	---	---
Defoliant	Gallon	8.75	.20	1.75	.25	2.19
Other expenses:						
Ginning and wrapping	Cwt.	3.06	4.40	13.46	5.30	16.22
Warehouse cost and commission fee	do.	---	4.40	1.76	5.30	2.11
Total harvest cost per harvested acre, 96 percent harvested	Acre	---	1.0	47.42	1.0	34.70
Total harvest cost per planted acre	do.	---	1.0	45.52	1.0	33.31
Total variable cost per planted acre	do.	---	1.0	116.99	1.0	111.72

Additional information

Resource situation	Lint cotton per acre:		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm	405 pounds	422 pounds	80 percent	61	55	70
Large farm	489 pounds	509 pounds	92 percent	87	62	85

Table 10.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	6.91	8.64	4.69	5.86
Seasonal	do.	1.00	7.05	7.05	4.51	4.51
Seed:						
Cottonseed, 75 percent delinted, 25 percent machine delinted	Pound	.156	20.62	3.22	20.62	3.22
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	5.50	12.65	6.50	14.95
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.75	6.65
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	6.51	7.03	.33	.36
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	3.96	7.21
Equipment, repairs and lubricant	do.	---	---	1.84	---	1.83
Truck fuel, lubricant and repair	do.	---	.40	.36	.40	.46
Insecticides:						
Materials, various	Acre	---	---	12.00	---	15.00
Aerial application, 2 times custom	do.	.75	2.00	1.50	2.00	1.50
Herbicides:						
Preemerge application	do.	5.65	.80	4.52	1.00	5.65
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	57.16	2.67	62.63	2.92
Total preharvest	Acre	---	---	68.47	---	71.41

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. Dec.	Total	Regular	Seasonal
Small farm	1.32	1.89	1.49	6.69	1.00	.90	.49	.21	.67	14.66	7.61	7.05
Large farm	1.18	1.21	.91	4.07	.64	.64	.94	.40	.55	10.54	5.33	5.21

--Continued

Table 10.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.70	.88	.64	.80
Seasonal	do.	1.00	---	---	.70	.70
Picking cotton	Cwt.	2.85	1.14	3.25	1.26	3.59
Power and equipment:						
2-R, self-propelled cotton picker, fuel, lubricant and repairs	Hour	---	---	---	.64	3.67
Truck, fuel, lubricant and repairs	do.	---	.70	.62	.70	.81
Trailer, lubricant and repairs	do.	---	.70	.07	.70	.10
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.90	1.35	.92	1.38
Cotton picker	Cwt.	6.00	4.08	24.48	---	---
Defoliant	Gallon	8.75	.225	1.97	.23	2.01
Other expenses:						
Ginning and wrapping	Cwt.	2.82	4.53	12.77	4.98	14.04
Warehouse cost and commission fee	do.	---	4.53	1.94	4.98	2.14
Total harvest cost per harvested acre 96 percent harvested	Acre	---	1.0	47.33	1.0	29.24
Total harvest cost per planted acre	do.	---	1.0	45.44	1.0	28.07
Total variable cost per planted acre	do.	---	1.0	113.91	1.0	99.48

Additional information

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm	418 pounds	435 pounds	90 percent	78	55	82
Large farm	459 pounds	478 pounds	92 percent	90	65	98

Table 11.--Cotton (plant-two-rows, skip-two-rows planting pattern): Estimated inputs and variable costs per planted acre of cotton, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	11.00	13.75	9.08	11.35
Seasonal	do.	1.00	8.67	8.67	6.87	6.87
Seed:						
Cottonseed, 75 percent acid delinted, 25 percent machine delinted	Pound	.156	20.62	3.22	20.62	3.22
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	7.75	17.83	8.50	19.55
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.75	6.65
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant, repairs	Hour	1.08	10.60	11.45	6.59	7.12
Tractor (4-R) fuel, lubricant, repairs	do.	1.82	---	---	2.49	4.53
Truck, fuel, lubricant, and repairs	do.	---	.40	.36	.40	.46
Equipment	do.	---	---	3.16	---	3.87
Insecticides:						
Materials, various	Acre	---	---	12.00	---	15.00
Herbicides:						
Preemerge application	do.	5.65	.80	4.52	1.00	5.65
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	68.20	3.18	74.21	3.47
Total preharvest	Acre	---	1.0	85.13	1.0	89.03

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm	2.55	3.58	3.74	5.09	.69	3.08	.40	.30	.94	20.37	11.70	8.67
Large farm	1.78	1.82	2.50	6.20	1.52	1.52	1.51	.65	.61	18.11	10.31	7.80

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Table 11.--Cotton (plant-two-rows, skip-two-rows planting pattern): Estimated inputs and variable costs per planted acre of cotton, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm: Quantity	Small farm: Value	Large farm: Quantity	Large farm: Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.70	.88	1.23	1.54
Seasonal	do.	1.00	---	---	.93	.93
Picking cotton	Cwt.	2.85	1.58	4.50	1.39	3.96
Power and equipment:						
2-R Cotton picker fuel, lubricant and repairs	Hour	---	---	---	---	5.63
Truck fuel, lubricant and repairs	do.	---	.70	.62	.70	.81
Tractor, 2-R, fuel, lubricant and repairs	do.	1.08	---	---	.27	.29
Trailer lubricant and repairs	do.	---	.70	.07	.70	.10
Custom hire:						
Apply defoliant	Acre	1.50	.90	1.35	.90	1.35
Cotton picker	Cwt.	6.00	5.63	33.78	---	---
Defoliant	Gallon	8.75	.225	1.97	.225	1.97
Other expenses:						
Ginning and wrapping	Cwt.	2.82	6.26	17.65	6.85	19.32
Warehouse cost and commission fee	do.	---	6.26	2.68	6.85	2.93
Total harvest cost per harvested acre, (96 percent harvested)	Acre	---	1.0	63.50	1.0	38.83
Total harvest cost per planted acre	do.	---	1.0	60.96	1.0	37.28
Total variable cost per planted acre	do.	---	1.0	146.09	1.0	126.31

Additional information

Resource situation	Lint cotton per acre: Planted	Lint cotton per acre: Harvested	Machine harvest	Fertilizer (lbs. per acre): N	P_2O_5	K_2O
Small farm	577 pounds	601 pounds	90 percent	88	78	116
Large farm	632 pounds	658 pounds	92 percent	98	85	128

Table 12.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	5.88	7.35	4.29	5.36
Seasonal	do.	1.00	7.05	7.05	4.51	4.51
Seed:						
Cottonseed, 75 percent acid delinted, 25 percent machine delinted	Pound	.169	20.62	3.48	20.62	3.48
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	5.00	11.50	6.00	13.80
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.80	6.84
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repairs	Hour	1.08	6.51	7.03	1.88	2.03
Tractor (4-R) fuel, lubricant, and repairs	do.	---	---	---	2.41	4.39
Equipment, repairs and lubricant	do.	---	---	1.80	---	7.42
Truck, fuel, lubricant and repairs	do.	---	.40	.36	.40	.46
Insecticides:						
Materials, various	Acre	---	1.00	9.60	1.00	9.60
Herbicides:						
Preemerge application	do.	5.65	.75	4.24	1.00	5.65
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	52.05	2.43	59.47	2.78
Total preharvest	Acre	---	1.0	61.83	1.0	67.61

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Valley)	1.09	1.79	1.39	6.19	.90	.90	.35	.35	.67	13.63	6.58	7.05
Large farm (Valley)	.92	1.17	.87	4.03	.60	.60	.85	.97	.45	10.46	5.95	4.51

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Table 12.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.70	.87	1.66	2.07
Pick cotton	Cwt.	2.85	1.31	3.73	1.26	3.59
Power and equipment:						
2-R self-propelled picker, fuel, lubricant, and repairs	Hour	5.73	---	---	.96	5.50
Truck, fuel, lubricant, and repairs	do.	---	.70	.62	.70	.81
Trailer, repairs and lubricant	do.	---	.70	.07	.70	.10
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.90	1.35	.92	1.38
Cottonpicker	Cwt.	6.00	4.47	26.82	---	---
Defoliant	Gallon	8.75	.225	1.97	.23	2.01
Other expenses:						
Ginning and wrapping	Cwt.	2.79	4.97	13.87	5.98	16.68
Warehouse costs and commission fee	do.	---	4.97	2.12	5.98	2.56
Total harvest cost per harvested acre (98 percent harvested)	Acre	---	1.0	51.42	1.0	34.70
Total harvest cost per planted acre	do.	---	1.0	50.39	1.0	34.01
Total variable cost per planted acre	do.	---	1.0	112.22	1.0	101.62

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Valley)	468 pounds	477 pounds	90 percent	75	50	75
Large farm (Valley)	563 pounds	574 pounds	92 percent	90	60	90

Table 13.--Cotton: Estimated inputs and variable costs per planted acre, Sand Mountain resource situation, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Sand Mountain)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	6.40	8.00
Seasonal	do.	1.00	6.45	6.45
Seed:				
Cottonseed, 75 percent acid delinted, 25 percent machine delinted	Pound	.169	20.62	3.48
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.35	5.50	12.92
Nitrogen fertilizer	do.	3.80	1.65	6.27
Lime, ground	Ton	7.75	.167	1.29
Power and equipment:				
Tractor (2-R) fuel, lubricant, and repairs	Hour	1.08	6.40	6.91
Equipment, repairs and lubricant	do.	---	---	1.77
Truck, fuel, lubricant, and repairs	do.	---	.40	.36
Insecticides:				
Materials, various	Acre	---	1.00	9.60
Herbicides:				
Preemerge application	do.	5.65	.75	4.24
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	53.29	2.49
Total preharvest	Acre	---	1.0	63.78

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Sand Mountain)	1.09	1.79	1.39	5.88	.90	.90	.36	.56	.68	13.55	7.10	6.45

--Continued

Table 13.--Cotton: Estimated inputs and variable costs per planted acre, Sand Mountain resource situation, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Sand Mountain)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.70	.87
Picking cotton	do.	2.85	1.36	3.88
Power and equipment:				
Truck, fuel, lubricant and repairs	Hour	.89	.70	.62
Trailer repairs and lubricant	do.	.10	.70	.07
Custom hire:				
Apply defoliant, aerial	Acre	1.50	.90	1.35
Cottonpicker	Cwt.	6.00	4.76	28.56
Defoliant	Gallon	8.75	.225	1.97
Other expenses:				
Ginning and wrapping	Cwt.	2.79	5.29	14.76
Warehouse cost and commission fee	do.	---	5.29	2.26
Total harvest cost per harvested acre (98 percent harvested)	Acre	---	1.0	54.34
Total harvest cost per planted acre	do.	---	1.0	53.25
Total variable cost per planted acre	do.	---	1.0	117.03

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Sand Mountain)	497 pounds	508 pounds	90 percent	83	55	83

Table 14.--Cotton (plant-two-rows, skip-two-rows planting pattern): Estimated inputs and variable costs per planted acre of cotton, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	9.57	11.96	5.81	7.26
Seasonal	do.	1.00	7.64	7.64	4.51	4.51
Seed:						
Cotton seed, 75 percent acid delinted, 25 percent machine delinted	Pound	.169	20.62	3.48	20.62	3.48
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.35	5.50	12.93	6.60	15.51
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.80	6.84
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
2-R tractor, fuel, lubricant and repairs	Hour	1.08	9.57	10.34	1.68	1.81
4-R tractor, fuel, lubricant and repairs	do.	1.82	---	---	4.13	7.52
Equipment, lubricant and repairs	do.	---	---	2.78	---	2.96
Truck, fuel, lubricant and reparis	do.	---	.40	.36	.40	.46
Insecticides:						
Materials, various	Acre	---	---	9.60	---	9.60
Herbicides:						
Preemerge application	do.	5.65	.75	4.24	1.00	5.65
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	58.36	2.73	59.63	2.78
Total preharvest	Acre	---	1.0	73.05	1.0	69.67

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Valley)	1.82	2.16	1.79	6.99	1.80	1.14	.90	.56	1.29	18.45	10.54	7.91
Large farm (Valley)	1.54	1.25	1.14	4.30	.60	.60	.85	.97	.73	11.98	6.77	5.21

--Continued

Table 14.--Cotton (plant-two-rows, skip-two-rows planting pattern): Estimated inputs and variable costs per planted acre of cotton, selected resource situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.97	1.21	.96	1.20
Seasonal	do.	1.00	.27	.27	.70	.70
Picking cotton	Cwt.	2.85	1.65	4.70	1.53	4.36
Power and equipment:						
2-R cotton picker, fuel, lubricant and repairs	Hour	---	---	---	---	5.50
Truck, fuel, lubricant and repairs	do.	---	.70	.62	.70	.81
Trailer, repairs and lubricant	do.	---	.70	.07	.70	.10
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.90	1.35	.92	1.38
Cottonpicker	Cwt.	6.00	5.87	35.22	---	---
Defoliant	Gallon	8.75	.225	1.97	.23	2.01
Other expenses:						
Ginning and wrapping	Cwt.	2.79	6.52	18.19	7.53	21.01
Warehouse cost and commission fee	do.	---	6.52	2.80	7.53	3.23
Total harvest cost per harvested acre, (98 percent harvested)	Acre	---	1.0	66.40	1.0	40.30
Total harvest cost per planted acre	do.	---	1.0	65.07	1.0	39.49
Total variable cost per planted acre	do.	---	1.0	138.12	1.0	109.16

Additional information

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Valley)	613 pounds	626 pounds	90 percent	78	55	83
Large farm (Valley)	708 pounds	723 pounds	92 percent	93	66	99

Table 15.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.88	4.85	6.59	8.24
Seasonal	do.	1.00	7.50	7.50	7.50	7.50
Seed:						
Cottonseed, 10 percent replanted	Pound	.148	24	3.55	24	3.55
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	5.20	11.96	5.20	11.96
Nitrogen fertilizer	do.	3.86	1.32	5.10	.937	3.62
Lime, ground	Ton	4.00	.30	1.20	.30	1.20
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repairs	Hour	1.08	.06	.06	6.59	7.12
Tractor (4-R) fuel, lubricant, and repairs	do.	1.82	3.00	5.46	---	---
Equipment, lubricant and repairs	do.	---	---	2.59	---	2.14
Truck, fuel, lubricant and repairs	do.	---	.10	.12	.10	.09
Insecticides:						
Materials, various	Acre	---	---	10.50	---	10.50
Aerial application, (2-times, custom)	do.	1.50	2.00	3.00	2.00	3.00
Herbicides:						
Preemerge, postemerge, and lay-by applications	do.	---	1.00	5.56	1.00	5.56
Interest on operating expenses	Dollar	.07	56.60	2.64	56.24	2.63
Total preharvest	Acre	---	1.0	64.09	1.0	67.11

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Large farm (Soil I)	0.90	.65	.61	1.19	7.70	0	.99	.56	.33	12.93	4.93	8.00
Small farm (Soil II)	1.28	1.05	1.15	2.23	7.93	0	.09	.06	.45	14.24	6.74	7.50

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Table 15.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.05	1.31	.15	.19
Seasonal	do.	1.00	.50	.50	---	---
Picking cotton	Cwt.	3.25	2.40	7.80	2.12	6.89
Power and equipment:						
2-R self-propelled cotton picker--fuel, lubricant and repairs	Hour	5.73	.90	5.16	---	---
Truck, fuel, lubricant and repairs	do.	---	.70	.80	.15	.15
Trailer, lubricant and repairs	do.	---	.70	.10	---	---
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.85	1.28	.85	1.28
Cotton picker, truck and trailers	Cwt.	6.47	---	---	4.57	29.57
Defoliant	Acre	2.18	.85	1.85	.85	1.85
Other expenses:						
Ginning and wrapping	Cwt.	3.11	6.08	18.91	5.38	16.73
Warehouse charge	do.	.20	6.08	1.22	5.38	1.08
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	38.93	1.0	57.74
Total harvest cost per planted acre	do.	---	1.0	36.98	1.0	54.85
Total variable cost per planted acre	do.	---	1.0	101.07	1.0	121.96

Additional information

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Large farm (Soil I)	555 pounds	584 pounds	85 percent	75	52	78
Small farm (Soil II)	491 pounds	516 pounds	85 percent	64	52	78

--Continued

Table 15.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area--Continued

Category	Unit	Price	Small farm (Soil III)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	6.48	8.10
Seasonal	do.	1.00	7.50	7.50
Seed:				
Cottonseed, 10 percent replanted	Pound	.148	24	3.55
Fertilizer and lime:				
Mixed fertilizer	Cwt.	5.00	2.30	11.50
Nitrogen fertilizer	do.	1.36	3.70	5.03
Lime, ground	Ton	4.00	.30	1.20
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	6.48	7.00
Equipment	do.	---	---	2.10
Truck	do.	.89	.10	.09
Insecticides:				
Materials, various	Acre	---	1.00	10.50
Aerial application (2-times, custom)	do.	1.50	2.00	3.00
Herbicides:				
Preemerge, postemerge, and lay-by applications	do.	---	1.00	5.56
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	57.03	2.66
Total preharvest	Acre	---	1.0	67.79

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Soil III)	1.28	1.05	1.15	2.12	7.93	0	.09	.06	.45	14.13	6.63	7.50

--Continued

Table 15.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Small farm (Soil III)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.15	.19
Picking cotton	Cwt.	3.25	1.85	6.01
Power and equipment:				
Truck and trailer (fuel, lubricant and repairs)	Hour	.99	.15	.15
Custom hire:				
Apply defoliant	Acre	1.50	.85	1.28
Cotton picker, trucks, trailer	Cwt.	6.47	3.98	25.75
Defoliant	Acre	2.18	.85	1.85
Other expenses:				
Ginning and wrapping	Cwt.	3.11	4.68	14.55
Wholesale charge	do.	.20	4.68	.94
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	50.72
Total harvest cost per planted acre	do.	---	1.0	48.18
Total variable cost per planted acre	do.	---	1.0	115.97

Additional information

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Soil III)	427 pounds	449 pounds	85 percent	70	50	75

Table 16.--Cotton: Estimated inputs and variable costs per planted acre, Black Prairie Area (F)

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	3.89	4.86
Seasonal	do.	1.00	5.68	5.68
Seed:				
Cottonseed, 75 percent acid delinted, 25 percent machine delinted	Pound	.17	20.62	3.51
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	5.50	11.82
Nitrogen fertilizer	do.	3.8C	1.40	5.32
Lime, ground	Ton	.20	7.75	1.55
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	1.64	1.77
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	2.35	4.28
Equipment, lubricant and repairs	do.	---	---	1.78
Truck, fuel, lubricant and repairs	do.	---	.40	.46
Insecticides:				
Materials, various	Acre	---	1.00	12.00
Aerial application (2-times, custom)	do.	.75	2.00	1.50
Herbicides:				
Preemerge application	do.	5.65	.80	4.52
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	54.19	2.53
Total preharvest	Acre	---	1.0	61.58

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Large farm	1.26	1.16	.67	5.21	.40	.40	.63	.64	.47	10.84	4.78	6.06

--Continued

Table 16.--Cotton: Estimated inputs and variable costs per planted acre, Black Prairie Area (F)--Continued

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.89	1.11
Seasonal	do.	1.00	.38	.38
Picking cotton	Cwt.	2.85	1.78	5.07
Power and equipment:				
2-R self-propelled cotton picker, (fuel, lubricant and repairs)	Hour	5.73	.57	3.27
Trailer, lubricant and repairs	do.	:14	.70	.10
Truck, fuel, lubricant and repairs	do.	1.16	.70	.81
Custom hire:				
Apply defoliant (aerial)	Acre	1.50	.85	1.28
Cotton picker	Cwt.	6.00	1.35	8.10
Defoliant	Gallon	8.75	.212	1.86
Other expenses:				
Ginning and wrapping	Cwt.	2.78	4.50	12.51
Warehouse costs and commission fee	do.	---	4.50	1.93
Total harvest cost per harvested acre, (98 percent harvested)	Acre	---	1.0	36.42
Total harvest cost per planted acre	do.	---	1.0	35.69
Total variable cost per planted acre	do.	---	1.0	97.27

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Large farm	423 pounds	432 pounds	85 percent	69	66	66

Table 17.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	6.21	7.76	6.21	7.76
Seasonal	do.	1.00	9.00	9.00	9.00	9.00
Seed:						
Cottonseed, 10 percent replanted	Pound	.148	24	3.55	24	3.55
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	5.50	12.65	5.50	12.65
Nitrogen fertilizer	do.	3.70	1.36	5.03	1.36	5.03
Lime, ground	Ton	4.00	.30	1.20	.30	1.20
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	6.21	6.71	6.21	6.71
Equipment, lubricant and repairs	do.	---	---	2.07	---	2.07
Truck, fuel, lubricant and repairs	do.	.89	.10	.09	.10	.09
Insecticides:						
Materials, various	Acre	---	1.00	9.00	1.00	9.00
Aerial application (2-times custom)	do.	1.50	2.00	3.00	2.00	3.00
Herbicides:						
Preemerge, postemerge and lay-by applications	do.	---	1.00	3.30	1.00	3.30
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	55.60	2.60	55.60	2.60
Total preharvest	Acre	---	1.0	65.96	1.0	65.96

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Soil I)	1.28	1.02	1.06	5.41	6.00	0	.06	.04	.44	15.31	6.31	9.00
Large farm (Soil II)	1.28	1.02	1.06	5.41	6.00	0	.06	.04	.44	15.31	6.31	9.00

--Continued

Table 17.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.10	.12	.10	.12
Picking cotton	Cwt.	3.25	1.62	5.26	1.38	4.48
Power and equipment:						
Truck and trailer fuel, lubricant and repairs	Hour	.99	.10	.10	.10	.10
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.90	1.35	.90	1.35
Cotton picker, truck, trailer	Cwt.	6.47	5.55	35.91	4.72	30.54
Defoliant	Acre	2.18	.90	1.96	.90	1.96
Other expenses:						
Ginning and wrapping	Cwt.	3.48	6.17	21.47	5.25	18.27
Warehouse charge	do.	.22	6.17	1.36	5.25	1.16
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	67.53	1.0	57.98
Total harvest cost per planted acre	do.	---	1.0	64.15	1.0	55.08
Total variable cost per planted acre	do.	---	1.0	130.11	1.0	121.04

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Soil I)	563 pounds	592 pounds	90 percent	72	55	82
Small farm (Soil II)	479 pounds	504 pounds	90 percent	72	55	82

Table 18.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	4.52	5.65	4.57	5.71
Seasonal	do.	1.00	2.70	2.70	2.70	2.70
Seed:						
Cottonseed, 10 percent replanted	Pound	.148	24	3.55	24	3.55
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	6.50	14.95	6.50	14.95
Nitrogen fertilizer	do.	5.50	.61	3.36	.61	3.36
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repairs	Hour	1.08	.37	0.40	.37	.40
Tractor (4-R) fuel, lubricant, and repairs	do.	1.82	3.25	5.92	3.30	6.01
Equipment, lubricant and repairs	do.	---	---	2.68	---	2.69
Truck, fuel, lubricant and repairs	do.	1.16	.10	.12	.10	.12
Insecticides:						
Materials, various	Acre	---	1.00	10.50	1.00	10.50
Aerial application (2 times, custom)	do.	1.50	2.00	3.00	2.00	3.00
Herbicides:						
Preemerge, post emerge and lay-by applications	do.	---	1.00	9.13	1.00	9.13
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	57.91	2.70	58.01	2.71

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Large farm (Soil I)	1.22	.71	.45	1.25	.56	2.70	1.10	.45	.33	8.77	5.57	3.20
Large farm (Soil II)	1.26	.71	.60	1.39	.28	2.70	1.10	.45	.33	8.82	5.62	3.20

--Continued

Table 18.--Cotton: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area(G)--Continued

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest cost per harvested acre:						
Labor:						
Regular	Hour	1.25	1.05	1.31	1.05	1.31
Seasonal	do.	1.00	.50	.50	.50	.50
Picking cotton	Cwt.	3.25	1.84	5.98	1.60	5.20
Power and equipment:						
2-R self-propelled cottonpicker, fuel, lubricant and repairs	Hour	5.73	.945	5.42	.945	5.42
Truck, fuel, lubricant, and repairs	do.		.56	.65	.56	.65
Trailer, lubricant and repairs	do.		.56	.08	.56	.08
Custom hire:						
Apply defoliant, aerial	Acre	1.50	.90	1.35	.90	1.35
Defoliant	do.	2.18	.90	1.96	.90	1.96
Other expenses:						
Ginning and wrapping	Cwt.	3.48	7.01	24.39	6.09	21.19
Warehouse charge	do.	.22	7.01	1.54	6.09	1.34
Total harvest cost per harvested acre, 95 percent harvested	Acre	---	1.0	43.18	1.0	39.00
Total harvest cost per planted acre	do.	---	1.0	41.02	1.0	37.05
Total variable cost per planted acre	do.	---	1.0	107.28	1.0	103.48

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Large farm (Soil I)	639 pounds	673 pounds	90 percent	83	65	98
Large farm (Soil II)	556 pounds	585 pounds	90 percent	83	65	98

Table 19.--Cotton: Estimated inputs and variable costs per planted acre, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	9.18	11.48	11.12	13.90
Seasonal	do.	1.00	7.60	7.60	7.60	7.60
Seed:						
Cottonseed, 20 percent replanted	Pound	.08	29	2.32	29	2.32
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	4.00	9.00	4.00	9.00
Nitrogen fertilizer	do.	3.88	2.00	7.76	2.00	7.76
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repairs	Hour	1.08	9.11	9.84	8.32	8.98
Equipment, lubricant and repairs	do.	---	---	2.04	---	1.98
Insecticides:						
Materials, various	Acre	---	1.00	12.00	1.00	12.00
Herbicides:						
Preemerge application	do.	6.00	.80	4.80	.80	4.80
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	55.36	2.59	54.44	2.54
Total preharvest	Acre	---	1.0	69.43	1.0	70.88

Labor required per acre (hours)

Resource situation	Jan.-Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.-Dec.	Total	Regular	Seasonal
Small farm (Piedmont)	1.28	.30	2.10	7.30	4.02	2.50	.85	.80	.33	19.48	10.83	8.65
Small farm (Coastal Plain)	1.28	.30	2.33	7.60	4.26	2.50	1.10	1.00	.45	20.82	12.17	8.65

--Continued

Table 19.--Cotton: Estimated inputs and variable costs per planted acre, North Carolina Piedmont (H) and Coastal Plain (J) Areas--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Resident	Hour	1.25	1.65	2.06	1.05	1.31
Seasonal	do.	1.00	1.05	1.05	1.05	1.05
Picking cotton	Cwt.	2.85	1.52	4.33	1.04	2.96
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.33	.36	.50	.54
Tractor and trailer, fuel, lubricant and repairs	do.	1.68	.50	.84	---	---
Cotton picker, fuel, lubricant and repairs	do.	5.73	.89	5.10	.945	5.41
Truck, other machinery	do.	---	1.00	.95	.50	.50
Custom hire;						
Apply defoliant, aerial	Acre	1.60	.85	1.36	.90	1.44
Defoliant	Gallon	8.34	.238	1.98	.25	2.08
Other expenses:						
Ginning and wrapping	Cwt.	3.14	3.85	12.09	3.95	12.40
Warehouse charge	do.	.36	3.85	1.39	3.95	1.42
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	31.51	1.0	29.11
Total harvest cost per planted acre	do.	---	1.0	29.93	1.0	27.65
Total variable cost per planted acre	do.	---	1.0	99.36	1.0	98.53

Additional information:

Resource situation	Lint cotton per acre		Machine harvest	Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Piedmont)	351 pounds	370 pounds	85 percent	60	40	40
Small farm (Coastal Plain)	360 pounds	379 pounds	90 percent	60	40	40

Table 20.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.64	4.55	2.29	2.86
Seasonal	do.	1.00	1.35	1.35	.76	.76
Seed:						
Corn	Pound	.25	10.00	2.50	10.00	2.50
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	4.00	9.00	4.00	9.00
Nitrogen fertilizer	do.	3.60	1.30	4.68	1.30	4.68
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.64	3.93	.52	0.56
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, repairs and lubricant	do.	---	---	1.18	---	1.23
Truck, fuel, lubricant and repairs	do.	---	.20	.18	.20	.23
Herbicides:						
Preemerge application	Acre	5.70	.20	1.14	.20	1.14
Postemerge application	do.	.49	.20	.10	.20	.10
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	25.35	1.18	24.71	1.15
Total preharvest	Acre	---	1.0	31.08	1.0	28.72

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Total	Regular	Seasonal
Small farm	0.22	1.28	1.76	.49	1.24	.50	5.49	4.14	1.35
Large farm	0.16	.62	1.30	.27	.70	1.00	4.05	2.79	1.26

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Table 20.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.62	.50	.62
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine (self-propelled) fuel, lubricant and repairs	do.	3.71	---	---	.50	1.86
Truck, fuel, lubricant and repairs	do.	---	.50	.44	.50	.58
Custom hire:						
Corn harvester	Acre	9.00	1.00	9.00	---	---
Total harvest cost per harvested acre, (98 percent harvested)	do.	---	1.0	10.06	1.0	3.56
Total harvest cost per planted acre	do.	---	1.0	9.86	1.0	3.49
Total variable cost per planted acre	do.	---	1.0	40.94	1.0	32.21

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	41.6	42.5	68	48	48
Large farm	41.6	42.5	68	48	48

Table 21.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.64	4.55	2.29	2.86
Seasonal	do.	1.00	1.43	1.43	.81	.81
Seed:						
Corn	Pound	.25	10.00	2.50	10.00	2.50
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	5.00	10.45	5.00	10.45
Nitrogen fertilizer	do.	3.60	1.75	6.30	1.75	6.30
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.64	3.93	.52	.56
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, fuel, lubricant and repairs	do.	---	---	1.21	---	1.23
Truck, fuel, lubricant and repairs	do.	---	.20	.18	.20	.23
Herbicides:						
Preemerge application	Acre	5.70	.40	2.28	.40	2.28
Postemerge application	do.	.49	.40	.20	.40	.20
Insecticides	do.	---	---	1.09	---	1.09
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	30.86	1.44	30.16	1.41
Total preharvest	Acre	---	1.0	36.85	1.0	34.43

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	Oct.	Nov.	Total	Regular	Seasonal
Small farm	.83	2.29	.49	1.24	.50	.22	5.57	4.14	1.43
Large farm	.62	1.35	.27	.70	1.0	.16	4.10	2.79	1.31

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Table 21.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.62	.50	.62
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, fuel, lubricant and repairs	do.	3.71	---	---	.50	1.86
Truck, fuel, lubricant and repairs	do.	---	.50	.44	.50	.58
Custom hire:						
Corn harvester	Acre	9.00	1.00	9.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	10.06	1.0	3.56
Total harvest cost per planted acre	do.	---	1.0	9.56	1.0	3.38
Total variable cost per planted acre	do.	---	1.0	46.41	1.0	37.81

Additional information:

Resource situation	Bushels of corn per acre			Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm	56	59		86	54	69
Large farm	56	59		86	54	69

Table 22.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.99	4.99	2.64	3.30
Seasonal	do.	1.00	1.02	1.02	.52	.52
Seed:						
Corn	Pound	.245	10.00	2.45	10.00	2.45
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	4.00	9.20	4.00	9.20
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.50	5.70
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.99	4.31	.81	.87
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.05	3.73
Equipment, fuel, lubricant and repairs	do.	---	---	1.44	---	1.48
Herbicides:						
Preemerge application	Acre	1.00	.20	.20	.30	.30
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	25.61	1.20	25.54	1.19
Total preharvest	Acre	---	1.0	31.80	1.0	30.03

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Small farm	.45	.58	1.02	1.53	.98	.65	.68	.20	6.09	4.89	1.20
Large farm	.28	.51	.79	.79	.46	.60	.58	.15	4.16	3.14	1.02

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Table 22.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.90	1.13	.50	.62
Seasonal	do.	1.00	.18	.18	.50	.50
Power and equipment:						
Combine, fuel, lubricant and repairs	do.	---	---	---	---	1.86
Truck, fuel, lubricant and repairs	do.	1.16	---	---	.50	.58
Tractor, fuel, lubricant and repairs	do.	1.08	1.08	1.17	---	---
Equipment, lubricant and repairs	do.	---	---	.22	---	---
Custom hire:						
Corn harvester	Acre	7.50	.80	6.00	---	---
Total harvest cost per harvested acre, (98 percent harvested)	Acre	---	1.0	8.70	1.0	3.56
Total harvest cost per planted acre	do.	---	1.0	8.53	1.0	3.49
Total variable cost per planted acre	do.	---	1.0	40.33	1.0	33.52

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	51	52	72	40	60
Large farm	51	52	72	40	60

Table 23.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.96	4.95	2.86	3.58
Seasonal	do.	1.00	1.05	1.05	.65	.65
Seed:						
Corn	Pound	.24	10.00	2.40	10.00	2.40
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	3.50	7.53	3.50	7.53
Nitrogen fertilizer	do.	3.80	1.75	6.65	1.75	6.65
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.96	4.28	.54	.58
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.32	4.22
Equipment, lubricant and repairs	do.	---	---	1.27	---	2.32
Herbicides:						
Preemerge application	Acre	1.00	.30	.30	.30	.30
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	24.77	1.16	25.94	1.21
Total preharvest	Acre	---	1.0	30.88	1.0	30.73

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Small farm (Valley)	.55	.99	1.59	.98	.54	.99	.45	6.09	4.86	1.23
Large farm (Valley)	.45	.71	.93	.81	.50	.80	.31	4.51	3.36	1.15

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Table 23.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.90	1.13	.50	.62
Seasonal	do.	1.00	.18	.18	.50	.50
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.18	.19	---	---
Truck, fuel, lubricant and repairs.	do.	---	---	.80	---	.58
Combine, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.46
Trailer, lubricant and repairs	do.	---	---	.01	---	.05
Custom hire:						
Corn harvester	Acre	---	---	6.70	---	---
Total harvest cost per harvested acre, (97 percent harvested)	do.	---	1.0	9.01	1.0	3.21
Total harvest cost per planted acre	do.	---	1.0	8.74	1.0	3.11
Total variable cost per planted acre	do.	---	1.0	39.62	1.0	33.84

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Valley)	46.1	47.5	73	42	42
Large farm (Valley)	46.1	47.5	73	42	42

Table 24.--Corn: Estimated inputs and variable costs per planted acre, Sand Mountain resource situation, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Sand Mountain)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	3.96	4.95
Seasonal	do.	1.00	1.05	1.05
Seed:				
Corn	Pound	.24	10.00	2.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	3.50	7.53
Nitrogen fertilizer	do.	3.80	1.75	6.65
Lime, ground	Ton	7.75	.167	1.29
Power and equipment:				
Tractor (2-R) fuel, lubrican and repairs	Hour	1.08	3.78	4.08
Truck, fuel, lubricant and repairs	do.	---	---	---
Trailer, lubricant and repairs	do.	---	---	---
Equipment, lubricant and reparis	do.	---	---	1.27
Herbicides:				
Preemerge application	Acre	1.00	.30	.30
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	24.57	1.15
Total preharvest	Acre	---	1.0	30.67

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Small farm (Sand Mountain)	.55	.99	1.59	.98	.54	.99	.45	6.09	4.86	1.23

--Continued

Table 24.--Corn: Estimated inputs and variable costs per planted acre, Sand Mountain resource situation, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Sand Mountain)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.90	1.13
Seasonal	do.	1.00	.18	.18
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.18	.19
Truck, fuel, lubricant and repairs	do.	.89	.90	.80
Trailer, lubricant and repairs	do.	.10	.90	.09
Custom hire:				
Corn harvester	Acre	---	---	6.70
Total harvest cost per harvested acre, (97 percent harvested)	do.	---	1.0	9.09
Total harvest cost per planted acre	do.	---	1.0	8.82
Total variable cost per planted acre	do.	---	1.0	39.49

Additional information:

Resource situation	Bushels of corn per acre			Fertilizer (lbs. per acre)		
	Planted	Harvested		N	P_2O_5	K_2O
Small farm (Sand Mountain)	46.1	47.5		73	42	42

Table 25.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.75	3.44	3.89	4.86
Seasonal	do.	1.00	.25	.25	.33	.33
Seed:						
Corn	Pound	.20	12.00	2.40	12.00	2.40
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	5.00	10.00
Nitrogen, anhydrous ammonia	do.	5.50	.40	2.20	.50	2.75
Nitrogen, ammonium nitrate	do.	4.00	1.00	4.00	1.25	5.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.68	.73	3.89	4.20
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	2.07	3.77	---	---
Truck, fuel, lubricant and repairs	do.	---	---	.31	---	---
Equipment, lubricant and repairs	do.	---	---	1.40	---	1.53
Herbicides:						
Preemerge application	Pound	3.00	1.33	3.99	1.20	3.60
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	28.65	1.34	31.41	1.47
Total preharvest	Acre	---	1.0	33.43	1.0	37.74

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Large farm (Soil I)	.50	.62	.89	.12	.59	.60	.82	.20	4.34	3.42	.92
Small farm (Soil II)	.66	.83	1.29	.17	.82	.40	.50	.24	4.91	4.58	.33

--Continued

Table 25.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.67	.84	.69	.86
Seasonal	do.	1.00	.67	.67	---	---
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.37	.40	.69	.75
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	.37	.67	---	---
Truck, fuel, lubricant and repairs	do.	---	---	.38	---	---
Equipment, lubricant and repairs	do.	---	---	1.28	---	.07
Custom hire:						
Corn harvester	Acre	7.00	---	---	.60	4.20
Corn sheller	do.	10.00	---	---	.40	4.00
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	4.24	1.0	9.88
Total harvest cost per planted acre	do.	---	1.0	4.24	1.0	9.88
Total variable cost per planted acre	do.	---	1.0	37.67	1.0	47.62

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	55.0	55.0	90	48	48
Small farm (Soil II)	68.8	68.8	112	60	60

Table 25.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)

Category	Unit	Price	Small farm (Soil III)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	3.89	4.86
Seasonal	do.	1.00	.33	.33
Seed:				
Corn	Pound	.20	12.00	2.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.00	4.00	8.00
Nitrogen, anhydrous ammonia	do.	5.50	.40	2.20
Nitrogen, ammonium nitrate	do.	4.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.89	4.20
Equipment	do.	---	---	1.53
Herbicides:				
Preemerge application	Pound	3.00	1.20	3.60
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	27.86	1.30
Total preharvest	Acre	---	1.0	34.02

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Small farm (Soil III)	.66	.83	1.29	.17	.82	.40	.50	.24	4.91	4.58	.33

--Continued

Table 25.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Small farm (Soil III)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.69	.86
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.69	.75
Trailer	do.	.10	.69	.07
Custom hire:				
Corn harvester	Acre	7.00	.60	4.20
Corn sheller	do.	10.00	.40	4.00
Total harvest cost per harvested acre, (100 percent harvested)	do.	---	1.0	9.88
Total harvest cost per planted acre	do.	---	1.0	9.88
Total variable cost per planted acre	do.	---	1.0	43.90

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Soil III)	45.8	45.8	90	48	48

Table 26.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	4.11	5.14
Seasonal	do.	1.00	1.16	1.16
Seed:				
Corn	Pound	.24	10.00	2.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	2.75	5.91
Nitrogen fertilizer	do.	3.80	1.75	6.65
Lime, ground	Ton	7.75	.20	1.55
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	4.11	4.44
Equipment, lubricant and repairs	do.	---	---	1.32
Herbicides:				
Preemerge application	Acre	1.00	.20	.20
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	23.63	1.10
Total preharvest	Acre	---	1.0	29.87

Labor required per acre (hours)

Resource situation	Jan.	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.	Total	Regular	Seasonal
Large farm	.42	.41	.45	1.58	.49	1.47	.86	.81	.22	6.71	5.01	1.70

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Table 26.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)--Continued

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.90	1.13
Seasonal	do.	1.00	.54	.54
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.54	.58
Truck, fuel, lubricant and repairs	do.	.89	.90	.80
Equipment, lubricant and repairs	do.	---	---	.49
Custom hire:				
Corn harvester	Acre	6.50	.40	2.60
Total harvest cost per harvested acre, (98 percent harvested)	do.	---	1.0	6.14
Total harvest cost per planted acre	do.	---	1.0	6.02
Total variable cost per planted acre	do.	---	1.0	35.89

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm	39.2	40	70	33	33

Table 27.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.89	4.86	3.89	4.86
Seasonal	do.	1.00	.33	.33	.33	.33
Seed:						
Corn	Pound	.20	12.00	2.40	12.00	2.40
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	5.00	10.00	4.00	8.00
Nitrogen, anhydrous ammonia	do.	5.50	.50	2.75	.40	2.20
Nitrogen, ammonium nitrate	do.	4.00	1.25	5.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.89	4.20	3.89	4.20
Equipment, lubrication and repairs	do.	---	---	1.53	---	1.53
Herbicides:						
Preemerge application	Pound	3.00	1.20	3.60	1.20	3.60
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	31.41	1.47	27.86	1.30
Total preharvest	Acre	---	1.0	37.74	1.0	34.02

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.		Total	Regular	Seasonal
Small farm (Soil I)	.66	.83	1.29	.17	.82	.40	.50	.24		4.91	4.58	.33
Small farm (Soil II)	.66	.83	1.29	.17	.82	.40	.50	.24		4.91	4.58	.33

--Continued

Table 27.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.69	.86	.69	.86
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.69	.75	.69	.75
Trailer, lubricant and repairs	do.	.10	.69	.07	.69	.07
Custom hire:						
Corn harvester	Acre	7.00	.60	4.20	.60	4.20
Corn sheller	do.	10.00	.40	4.00	.40	4.00
Total harvest cost per harvested acre (100 percent harvested)	do.	---	1.0	9.88	1.0	9.88
Total harvest cost per planted acre	do.	---	1.0	9.88	1.0	9.88
Total variable cost per planted acre	do.	---	1.0	47.62	1.0	43.90

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Soil I)	68	68	112	60	60
Small farm (Soil II)	50	50	90	48	48

Table 28.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.69	3.36	2.69	3.36
Seasonal	do.	1.00	.25	.25	.25	.25
Seed:						
Corn	Pound	.20	12.00	2.40	12.00	2.40
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	5.00	10.00	4.00	8.00
Nitrogen fertilizer	do.	5.50	1.00	5.50	.80	4.40
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.59	.64	.59	.64
Tractor (4-R) fuel, lubricant, and repairs	do.	1.82	2.10	3.82	2.10	3.82
Equipment	do.	---	---	1.71	---	1.71
Herbicides:						
Preemerge application	Pound	3.00	1.50	4.50	1.50	4.50
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	30.42	1.42	27.32	1.28
Total preharvest	Acre	---	1.0	35.20	1.0	31.96

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Oct.	Nov.	Dec.		Total	Regular	Seasonal
Large farm (Soil I)	.50	.62	.90	.11	.53	.46	.92	.20		4.24	3.34	.90
Large farm (Soil II)	.50	.62	.90	.11	.53	.46	.92	.20		4.24	3.34	.90

--Continued

Table 28.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.65	.81	.65	.81
Seasonal	do.	1.00	.65	.65	.65	.65
Power and equipment:						
Tractor (2-R) fuel, lubricant, and repairs	do.	1.08	.23	.25	.23	.25
Tractor (4-R) fuel, lubricant, and repairs	do.	1.82	.23	.42	.23	.42
Truck, fuel, lubricant and repairs	do.	---	---	.53	---	.53
Equipment, lubricant and repairs	do.	---	---	1.48	---	1.48
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	4.14	1.0	4.14
Total harvest cost per planted acre	do.	---	1.0	4.14	1.0	4.14
Total variable cost per planted acre	do.	---	1.0	39.34	1.0	36.10

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	68	68	112	60	60
Large farm (Soil II)	50	50	90	48	48

Table 29.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.42	4.28	3.42	4.28
Seasonal	do.	1.00	1.09	1.09	1.09	1.09
Seed:						
Corn	Pound	.24	15.40	3.70	12.20	2.93
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	5.00	11.25	5.00	11.25
Nitrogen fertilizer	do.	3.20	2.50	8.00	2.90	9.28
Lime, ground	Ton	---	---	---	---	---
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.42	3.69	3.42	3.69
Equipment	do.	---	---	1.29	---	1.29
Herbicides:						
Preemerge application	Pound	2.85	1.20	3.42	1.20	3.42
Postemerge application	do.	1.06	.50	.53	.50	.53
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	32.97	1.54	33.48	1.56
Total preharvest	Acre	---	1.0	38.79	1.0	39.32

Labor required per acre (hours)

Resource situation	Apr.	May	June	Oct.	Nov.	Total	Resident	Seasonal
Small farm (Piedmont)	1.28	1.50	1.28	2.00	.45	6.51	4.42	2.09
Small farm (Coastal Plain)	1.28	1.50	1.28	3.80	.45	8.31	5.42	2.89

--Continued

Table 29.--Corn: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas --Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Resident	Hour	1.25	1.00	1.25	2.00	2.50
Seasonal	do.	1.00	1.00	1.00	1.80	1.80
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.50	1.62	1.00	1.08
Picker, lubricant and repairs	do.	---	---	.20	---	.40
Trailer, lubricant and repairs	do.	---	---	.05	---	---
Truck, fuel, lubricant and and repairs	do.	---	---	---	---	2.75
Total harvest cost per harvested acre (90 percent harvested)	Acre	---	1.0	4.12	1.0	8.53
Total harvest cost per planted acre	do.	---	1.0	3.71	1.0	7.68
Total variable cost per planted acre	do.	---	1.0	42.50	1.0	47.00

Additional information:

Resource situation	Bushels of corn per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	54	60	105	50	50
Small farm (Coastal Plain)	63	70	120	50	50

Table 30.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.24	4.05	2.01	2.51
Seasonal	do.	1.00	.80	.80	.45	.45
Seed:						
Soybeans	Bushel	4.60	.75	3.45	.75	3.45
Inoculant	Pound	1.20	.25	.30	.25	.30
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.02	3.00	6.06	3.00	6.06
Nitrogen fertilizer	do.	---	---	---	---	---
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.24	3.50	.23	.25
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, lubricant and repairs	do.	---	---	1.14	---	1.20
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	1.44	.10	.14	.10	.14
Herbicides:						
Preemerge application	do.	3.75	.40	1.50	.40	1.50
Postemerge application	do.	1.46	.15	.22	.15	.22
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	18.58	.87	18.31	.86
Total preharvest	Acre	---	1.0	23.50	1.0	21.68

Labor required per acre (hours)

Resource situation	Apr.	May	June	July	Aug.	Oct.	Total	Regular	Seasonal
Small farm	.83	2.07	.49	.59	.06	.50	4.54	3.74	.80
Large farm	.62	1.22	.27	.33	.02	1.0	3.46	2.51	.95

--Continued

Table 30.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	30.22	1.0	24.70

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	25.0	26.3	4	40	40
Large farm	25.0	26.3	4	40	40

Table 31.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.24	4.05	2.01	2.51
Seasonal	do.	1.00	.74	.74	.41	.41
Seed:						
Soybeans	Bushel	4.60	.75	3.45	.75	3.45
Incolant	Pound	1.20	.25	.30	.25	.30
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	2.00	4.30	2.00	4.30
Nitrogen fertilizer	do.	---	---	---	---	---
Lime, ground	Ton	7.75	.083	.65	.083	.65
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.24	3.50	.23	.25
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, lubricant and repairs	do.	---	---	1.13	---	1.19
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	1.44	.10	.14	.10	.14
Herbicides:						
Preemerge application	do.	3.75	.20	.74	.20	.74
Postemerge application	do.	1.46	.15	.22	.15	.22
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	15.35	.72	15.10	.71
Total preharvest	Acre	---	1.0	20.12	1.0	18.32

Labor required per acre (hours)

Resource situation	June	July	Aug.	Sept.	Nov.	Total	Regular	Seasonal
Small farm	.83	2.50	.59	.06	.50	4.48	3.74	.74
Large farm	.62	1.45	.33	.02	1.0	3.42	2.51	.91

--Continued

Table 31.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	7.07	1.0	3.18
Total harvest cost perplanted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	26.84	1.0	21.34

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	18.8	19.8	8	10	20
Large farm	18.8	19.8	8	10	20

Table 32.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm Quantity	Small farm Value	Large farm Quantity	Large farm Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.75	4.69	2.26	2.83
Seasonal	do.	1.00	1.31	1.31	.70	.70
Seed:						
Soybeans	Bushel	4.60	.75	3.45	.75	3.45
Inoculant	Pound	1.20	.25	.30	.25	.30
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.02	3.00	6.06	3.00	6.06
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.75	4.05	.25	.27
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, lubricant and repairs	do.	---	---	1.17	---	1.62
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	1.77	---	1.77
Herbicides:						
Preemerge application	do.	3.75	.40	1.50	.40	1.50
Postemerge application	do.	1.46	.25	.37	.25	.37
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.45	1.00	20.78	.97
Total preharvest	Acre	---	1.0	27.14	1.0	24.58

Labor required per acre (hours)

Resource situation	Apr.	May	June	July	Aug.	Oct.	Total	Regular	Seasonal
Small farm	.83	2.07	.49	.65	1.02	.50	5.56	4.25	1.31
Large farm	.62	1.22	.27	.37	.48	1.0	3.96	2.76	1.20

--Continued

Table 32.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B) -- Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	33.86	1.0	27.60

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	25.0	26.3	3	37	46
Large farm	25.0	26.3	3	37	46

Table 33.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resouce situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.54	4.43	2.16	2.70
Seasonal	do.	1.00	1.06	1.06	.57	.57
Seed:						
Soybeans	Bushel	4.60	.75	3.45	.75	3.45
Inoculant	Pound	1.20	.25	.30	.25	.30
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	2.00	4.30	2.00	4.30
Lime, ground	Ton	7.75	.083	.65	.083	.65
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.54	3.82	.25	.27
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.77	3.22
Equipment, lubricant and repairs	do.	---	---	1.16	---	1.43
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	1.25	---	1.25
Herbicides:						
Preemerge application	do.	3.75	.25	.94	.25	.94
Postemerge application	do.	1.46	.25	.37	.25	.37
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	17.48	.82	16.98	.79
Total preharvest	Acre	---	1.0	22.73	1.0	20.47

Labor required per acre (hours)

Resource situation	June	July	Aug.	Oct.	Total	Regular	Seasonal
Small farm	2.86	.49	1.25	.50	5.10	4.04	1.06
Large farm	1.81	.27	.65	1.0	3.73	2.66	1.07

--Continued

Table 33.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	29.45	1.0	23.49

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	19.9	20.9	7	9	25
Large farm	19.9	20.9	7	9	25

Table 34.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.94	4.93	2.20	2.75
Seasonal	do.	1.00	.87	.87	.57	.57
Seed:						
Soybeans	Bushel	4.64	1.00	4.64	1.00	4.64
Inoculant	Can	.60	.167	.10	.167	.10
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	3.60	8.28	3.60	8.28
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.94	4.26	.52	.56
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.70	3.09
Equipment, lubricant and repairs	do.	---	---	1.41	---	1.23
Insecticides:						
Materials, various	Acre	---	---	.69	---	.69
Herbicides:						
Preemerge application	Ounces	.27	8.00	2.16	10.0	2.70
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	23.70	1.11	23.15	1.08
Total preharvest	Acre	---	1.0	29.74	1.0	26.98

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Sept.	Total	Regular	Seasonal
Small farm	.45	.84	.84	1.59	1.09	.50	5.31	4.44	.87
Large farm	.28	.65	.65	.67	.52	1.00	3.77	2.70	1.07

--Continued

Table 34.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.50	.54	---	---
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Equipment, lubricant and repairs	do.	---	---	.10	---	.14
Truck, fuel, lubricant and repairs	do.	1.16	---	---	.50	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (98 percent harvested)	do.	---	1.0	7.27	1.0	3.32
Total harvest cost per planted acre	do.	---	1.0	7.12	1.0	3.25
Total variable cost per planted acre	do.	---	1.0	36.86	1.0	30.23

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	27.0	27.5	18	36	54
Large farm	27.0	27.5	18	36	54

Table 35.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.46	4.33	2.17	2.71
Seasonal	do.	1.00	1.08	1.08	.66	.66
Seed:						
Soybeans	Bushel	4.64	.90	4.18	.90	4.18
Inoculant	Can	.60	.167	.10	.167	.10
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	3.00	6.90	3.00	6.90
Lime, ground	Ton	7.75	.083	.65	.083	.65
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.46	3.74	.33	.36
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.84	3.35
Equipment	do.	---	---	1.23	---	1.25
Insecticide:						
Materials, various	Acre	---	---	.69	---	.69
Herbicides:						
Preemerge application	Ounces	.27	2.40	.65	4.00	1.08
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	19.22	.90	19.22	.90
Total preharvest	Acre	---	1.0	24.45	1.0	22.83

Labor required per acre (hours)

Resource situation	June	July	Aug.	Oct.	Total	Regular	Seasonal
Small farm	2.96	1.09	.49	.90	5.44	3.46	1.98
Large farm	1.89	.67	.27	1.00	3.83	2.67	1.16

--Continued

Table 35.--Soybeans following small grain: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	---	---	.50	.63
Seasonal	do.	1.00	.90	.90	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Equipment	do.	---	---	.89	---	.63
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (98 percent harvested)	do.	---	1.0	7.79	1.0	3.23
Total harvest cost per planted acre	do.	---	1.0	7.63	1.0	3.17
Total variable cost per planted acre	do.	---	1.0	32.08	1.0	26.00

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	22.4	22.9	15	30	45
Large farm	22.4	22.9	15	30	45

Table 36.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.94	4.93	2.48	3.10
Seasonal	do.	1.00	.87	.87	.60	.60
Seed:						
Soybeans	Bushel	4.40	1.00	4.40	1.00	4.40
Inoculant	Can	.60	.167	.10	.167	.10
Fertilizer and lime:						
Mixed fertilizer	Cwt.	3.20	3.00	9.60	3.00	9.60
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.49	3.77	.43	.46
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.22	4.04
Equipment, lubricant and repairs	do.	---	---	1.38	---	1.40
Insecticides:						
Materials, various	Acre	---	---	.69	---	.69
Herbicides:						
Preemerge application	do.	---	---	2.16	---	2.16
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	24.26	1.13	24.74	1.16
Total preharvest	Acre	---	1.0	30.32	1.0	29.00

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	Sept.	Total	Regular	Seasonal
Small farm (Valley)	.45	.61	1.07	1.59	1.09	.50	5.31	4.44	.87
Large farm (Valley)	.28	.45	.75	.93	.67	1.00	4.08	2.98	1.10

--Continued

Table 36.--Soybeans: Estimated inputs and variable costs per planted acre, selected resouce situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Small farm (Valley)		Large farm (Valley)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Equipment, lubricant and repairs	do.	---	---	.01	---	.05
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (97 percent harvested)	do.	---	1.0	7.08	1.C	3.23
Total harvest cost per planted acre	do.	---	1.0	6.87	1.0	3.13
Total variable cost per planted acre	do.	---	1.0	37.19	1.0	32.13

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Valley)	30.1	31.0	0	60	60
Large farm (Valley)	30.1	31.0	0	60	60

Table 37.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.35	2.94	3.98	4.98
Seasonal	do.	1.00	.09	.09	---	---
Seed:						
Soybeans	Pound	.06	55.00	3.30	55.00	3.30
Inoculant	Can	.75	1.00	.75	1.00	.75
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	2.00	5.90	2.00	7.20
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.77	.83	3.98	4.30
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.67	3.04	---	---
Equipment, lubricant and repairs	do.	---	---	1.57	---	1.57
Herbicides:						
Preemerge application	Acre	---	---	1.85	---	1.85
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	18.93	.88	20.57	.96
Total preharvest	Acre	---	1.0	22.75	1.00	26.51

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Oct.	Nov.	Total	Regular	Seasonal
Large farm (Soil I)	1.18	.16	.40	.40	.30	.40	.40	3.24	2.75	.49
Small farm (Soil II)	1.73	.26	.72	.72	.55	0	0	3.98	3.98	0

--Continued

Table 37.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.40	.50	---	---
Seasonal	do.	1.00	.40	.40	---	---
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.40	1.17		
Truck, fuel, lubricant and repairs	do.	---	---	.50		
Custom hire:						
Combine	Acre	8.00	---	---	1.00	8.00
Hauling	Bushel	.10	---	---	32.00	3.20
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	2.57	1.0	11.20
Total harvest cost per planted acre	do.	---	1.0	2.57	1.0	11.20
Total variable cost per planted acre	do.	---	1.0	25.32	1.0	37.71

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	27	27	0	40	40
Small farm (Soil II)	32	32	10	20	20

Tabel 38.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	2.45	3.06
Seasonal	do.	1.00	.55	.55
Seed:				
Soybeans	Bushel	4.35	1.00	4.35
Inoculant	Can	.60	.167	.10
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.90	2.85	8.27
Lime, ground	Ton	7.75	.20	1.55
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.40	.43
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	2.05	3.73
Equipment, lubricant and repairs	do.	---	---	1.40
Insecticides:				
Materials, various	Acre	---	---	.69
Herbicides:				
Preemerge application	do.	---	---	.43
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.50	1.00
Total preharvest		---	1.0	25.56

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	Sept.	Total	Regular	Seasonal
Large farm	.62	.74	.97	.67	.80	3.80	2.95	.85

--Continued

Table 38.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)--Continued

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.50	.63
Seasonal	do.	1.00	.30	.30
Power and equipment:				
Combine, self-propelled, fuel, lubricant and repairs	do.	---	---	.93
Truck, fuel, lubricant and repairs	do.	---	---	.58
Custom hire:				
Combine	Acre	6.00	.40	2.40
Total harvest cost per harvested acre, (96 percent harvested)	do.	---	1.0	4.84
Total harvest cost per planted acre	do.	---	1.0	4.65
Total variable cost per planted acre	do.	---	1.0	30.21

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm	27.4	28.5	0	57	57

Table 39.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Small farm(Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.94	4.93	3.94	4.93
Seed:						
Soybeans	Pound	.06	55.00	3.30	55.00	3.30
Inoculant	Package	.75	1.00	.75	1.00	.75
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	2.00	7.20	2.00	5.90
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.94	4.26	3.94	4.26
Equipment	do.	---	---	1.57	---	1.57
Herbicides:						
Preemerge application	Acre	---	---	2.25	---	2.25
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	20.93	.98	19.63	.92
Total preharvest	Acre	---	1.0	26.84	1.0	25.48

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Total	Regular	Seasonal
Small farm (Soil I)	1.73	.31	.72	.68	.50	3.94	3.94	0
Large farm (Soil II)	1.73	.31	.72	.68	.50	3.94	3.94	0

--Continued

Table 39.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Custom hire:						
Combine	Acre	8.00	1.00	8.00	1.00	8.00
Hauling	Bushel	.10	30.00	3.00	23.00	2.30
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	11.00	1.0	10.30
Total harvest cost per planted acre	do.	---	1.0	11.00	1.0	10.30
Total variable cost per planted acre	do.	---	1.0	37.84	1.0	35.78

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Soil I)	30	30	10	40	40
Small farm (Soil II)	23	23	0	40	40

Table 40.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.31	2.89	2.31	2.89
Seasonal	do.	1.00	.11	.11	.11	.11
Seed:						
Soybeans	Pound	.06	55.00	3.30	55.00	3.30
Inoculant	Package	.75	1.00	.75	1.00	.75
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	2.00	7.20	2.00	5.90
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.73	.79	.73	.79
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.69	3.08	1.69	3.08
Equipment, lubricant and repairs	do.	---	---	1.56	---	1.56
Herbicides:						
Preemerge application	Acre	---	---	2.25	---	2.25
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	20.64	.96	19.34	.90
Total preharvest	Acre	---	1.0	24.49	1.0	23.13

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Oct.	Nov.	Total	Regular	Seasonal
Large farm (Soil I)	1.18	.19	.40	.35	.30	.40	.40	3.22	2.71	.51
Large farm (Soil II)	1.18	.19	.40	.35	.30	.40	.40	3.22	2.71	.51

--Continued

Table 40.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.40	.50	.40	.50
Seasonal	do.	1.00	.40	.40	.40	.40
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.40	1.17	.40	1.17
Truck, fuel, lubricant and repairs	do.	---	---	.50	---	.50
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	2.57	1.0	2.57
Total harvest cost per planted acre	do.	---	1.0	2.57	1.0	2.57
Total variable cost per planted acre	do.	---	1.0	27.06	1.0	25.70

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	30	30	10	40	40
Large farm (Soil II)	23	23	0	40	40

Table 41.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	3.08	3.85	3.46	4.33
Seasonal	do.	1.00	.60	.60	.60	.60
Seed:						
Soybeans	Pound	.067	50.00	3.45	50.00	3.45
Inoculant	Acre	.24	1.00	.24	1.00	.24
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	4.00	9.20	4.00	9.20
Lime, ground	Ton	---	.40	2.80	.40	3.10
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.08	3.33	3.46	3.74
Equipment, lubricant and repairs	do.	---	---	1.14	---	1.14
Insecticides:						
Materials, various	Acre	---	---	1.06	---	.84
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.82	1.02	22.31	1.04
Total preharvest	Acre	---	1.0	26.69	1.0	27.68

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	Aug.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	.45	.45	1.50	.98	.30	.50	4.18	3.58	.60
Small farm (Coastal Plain)	.83	.45	1.50	.98	.30	.50	4.56	3.96	.60

--Continued

Table 41.--Soybeans: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Power and equipment:						
Truck, fuel, lubricant and repairs	do.	---	---	.76	---	.76
Custom hire:						
Combine	Acre	---	1.00	7.00	1.00	8.00
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	8.39	1.0	9.39
Total harvest cost per planted acre	do.	---	1.0	7.97	1.0	8.92
Total variable cost per planted acre	do.	---	1.0	34.66	1.0	36.60

Additional information:

Resource situation	Bushels of soybeans per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	22.8	24.0	0	40	80
Small farm (Coastal Plain)	23.5	24.7	0	40	80

Table 42.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Wheat	Bushel	3.50	1.50	5.25	1.50	5.25
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	3.50	7.53	3.50	7.53
Nitrogen fertilizer	do.	3.60	1.00	3.60	1.00	3.60
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.00
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	23.19	1.08	22.97	1.07
Total preharvest	Acre	---	1.0	27.55	1.0	26.34

Labor required per acre (hours)

Resource situation	Mar.	Apr.	June	Oct.	Nov.	Total	Regular	Seasonal
Small farm	.66	.32	.50	.83	1.85	4.16	3.12	1.04
Large farm	.50	.18	1.00	.62	1.28	3.58	2.34	1.24

--Continued

Table 42.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)-Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.00	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	34.27	1.0	29.36

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	28.5	30.0	48	42	42
Large farm	28.5	30.0	48	42	42

Table 43.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Wheat	Bushel	3.50	1.50	5.25	1.50	5.25
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	4.15	8.92	4.15	8.92
Nitrogen fertilizer	do.	3.60	1.45	5.22	1.45	5.22
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.01
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expense, 8 months at 7 percent	Dollar	.07	26.20	1.22	25.99	1.21
Total preharvest	Acre	---	1.0	30.70	1.0	29.50

Labor required per acre (hours)

Resource situation	Feb.	Mar.	June	Oct.	Nov.	Total	Regular	Seasonal
Small farm	.66	.32	.50	1.28	1.40	4.16	3.12	1.04
Large farm	.50	.18	1.00	.90	1.00	3.58	2.34	1.24

--Continued

Table 43.--Wheat: Estimated inputs and variable costs per planted acrce, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	37.42	1.0	32.52

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	31.8	33.5	65	50	50
Large farm	31.8	33.5	65	50	50

Table 44.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.77	3.46	1.98	2.48
Seasonal	do.	1.00	.77	.77	.56	.56
Seed:						
Wheat	Bushel	3.00	1.25	3.75	1.25	3.75
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	3.75	8.63	3.75	8.63
Nitrogen fertilizer	do.	3.80	1.50	5.70	1.50	5.70
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.77	2.99	.40	.43
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.58	2.88
Equipment, lubricant and repairs	do.	---	---	1.33	---	1.20
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	24.46	1.14	24.44	1.14
Total preharvest	Acre	---	1.0	29.06	1.0	28.06

Labor required per acre (hours)

Resource situation	Mar.	June	Oct.	Nov.	Total	Regular	Seasonal
Small farm	.66	1.0	.77	2.11	4.54	3.77	.77
Large farm	.50	1.0	.58	1.46	3.54	2.48	1.06

--Continued

Table 44.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	---	---	---	---	1.51
Truck, fuel, lubricant and repairs	do.	---	---	.89	---	.58
Custom hire:						
Combine	Acre	5.50	1.00	5.50	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.64	1.0	3.22
Total harvest cost per planted acre	do.	---	1.0	7.26	1.0	3.06
Total variable cost per planted acre	do.	---	1.0	36.32	1.0	31.12

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	33.3	35.0	69	37	56
Large farm	33.3	35.0	69	37	56

Table 45.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Large farm (Valley)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	1.90	2.38
Seasonal	do.	1.00	.56	.56
Seed:				
Wheat	Bushel	3.00	1.75	5.25
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	3.30	7.10
Nitrogen fertilizer	do.	3.80	2.15	8.17
Lime, ground	Ton	7.75	.167	1.29
Power and equipment				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.60	.65
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	26.45	1.24
Total preharvest	Acre	---	1.0	30.07

Labor required per acre (hours)

Resource situation	Mar.	June	Aug.	Sept.	Oct.	Total	Regular	Seasonal
Large farm (Valley)	.50	1.0	.28	1.12	.56	3.46	2.40	1.06

--Continued

Table 45.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Large farm (Valley)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.50	.63
Seasonal	do.	1.00	.50	.50
Power and equipment:				
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.50	1.47
Truck	do.	---	---	.58
Total harvest cost per harvested acre, (97 percent harvested)	Acre	---	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	3.08
Total variable cost per planted acre	do.	---	1.0	33.15

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Valley)	31.0	32.0	85	40	40

Table 46.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.91	3.64	2.91	3.64
Seasonal	do.	1.00	---	---	---	---
Seed:						
Wheat	Bushel	3.00	1.50	4.50	1.50	4.50
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	3.00	6.00
Nitrogen fertilizer	do.	4.00	1.00	4.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.91	3.14	2.91	3.14
Equipment	do.	---	---	1.29	---	1.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	22.53	1.05	20.53	.96
Total preharvest	Acre	---	1.0	27.22	1.0	25.13

Labor required per acre(hours)

Resource situation	Feb.	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Soil I)	.33	2.30	.28	2.91	2.91	0
Small farm (Soil II)	.33	2.30	.28	2.91	2.91	0

--Continued

Table 46.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Custom hire:						
Combine..........................	Acre	8.00	1.00	8.00	1.00	8.00
Hauling grain.....................	Bushel	.10	38.00	3.80	35.00	3.50
Total harvest cost per harvested acre, (90 percent harvested)............	Acre	---	1.0	11.80	1.0	11.50
Total harvest cost per planted acre....	do.	---	1.0	10.62	1.0	10.35
Total variable cost per planted acre...	do.	---	1.0	37.84	1.0	35.48

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Soil I)	34.2	38.0	57	48	48
Small farm (Soil II)	31.5	35.0	51	36	36

Table 47.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.03	2.54	2.03	2.54
Seed:						
Wheat	Bushel	3.00	1.50	4.50	1.50	4.50
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	3.00	6.00
Nitrogen fertilizer	do.	4.00	1.00	4.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.45	.49	.76	.82
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.58	2.88	1.62	2.95
Equipment, lubricant and repairs	do.	---	---	1.16	---	1.16
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	22.63	1.06	21.03	.98
Total preharvest	Acre	---	1.0	26.23	1.0	24.55

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Large farm (Soil I)	.25	.80	1.58	.20	2.83	2.43	.40
Large farm (Soil II)	.25	.80	1.58	.20	2.83	2.43	.40

--Continued

Table 47.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.40	.50	.40	.50
Seasonal	do.	1.00	.40	.40	.40	.40
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.40	1.17	.40	1.17
Truck, fuel, lubricant and repairs	do.	---	---	.50	---	.50
Total harvest cost per harvested acre, (90 percent harvested)	Acre	---	1.0	2.57	1.0	2.57
Total harvest cost per planted acre	do.	---	1.0	2.31	1.0	2.31
Total variable cost per planted acre	do.	---	1.0	28.54	1.0	26.86

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	34.2	38.0	57	48	48
Large farm (Soil II)	31.5	35.0	51	36	36

Table 48.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.68	3.35	2.68	3.35
Seasonal	do.	1.00	1.10	1.10	1.10	1.10
Seed:						
Wheat	Bushel	3.00	2.00	6.00	2.00	6.00
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	2.50	5.63	2.50	5.63
Nitrogen fertilizer	do.	2.70	3.00	8.10	3.00	8.10
Lime, ground	Ton	---	---	1.40	---	1.55
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.68	2.89	2.68	2.89
Equipment, lubricant and repairs	do.	---	---	1.39	---	1.39
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	26.51	1.24	26.66	1.25
Total preharvest	Acre	---	1.0	31.10	1.0	31.26

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	1.10	2.00	.83	1.85	5.78	3.68	2.10
Small farm (Coastal Plain)	1.10	2.00	.83	1.85	5.78	3.68	2.10

--Continued

Table 48.--Wheat: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	1.00	1.25
Seasonal	do.	1.00	1.00	1.00	1.00	1.00
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.00	1.08	1.00	1.08
Combine, lubricant and repairs	do.	2.00	1.00	2.00	1.00	2.00
Truck, fuel, lubricant and reparirs.	do.	---	---	.76	---	.76
Total harvest cost per harvested acre, (87 percent harvested)	Acre	---	1.0	6.09	1.0	6.09
Total harvest cost per planted acre	do.	---	1.0	5.30	1.0	5.30
Total variable cost per planted acre	do.	---	1.0	36.40	1.0	36.56

Additional information:

Resource situation	Bushels of wheat per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	43.5	50.0	103	25	25
Small farm (Coastal Plain)	43.5	50.0	103	25	25

Table 49.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Oats	Bushel	1.80	2.00	3.60	2.00	3.60
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	2.65	5.70	2.65	5.70
Nitrogen fertilizer	do.	3.60	.75	2.70	.75	2.70
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.01
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	18.81	.88	18.60	.87
Total preharvest	Acre	---	1.0	22.97	1.0	21.77

Labor required per acre (hours)

Resource situation	Mar.	Apr.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm	.66	.32	.50	1.58	1.10	4.16	3.12	1.04
Large farm	.50	.18	1.00	1.10	.80	3.58	2.34	1.24

--Continued

Table 49.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A) -- Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	29.69	1.0	24.79

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	43.5	45.8	36	32	32
Large farm	43.5	45.8	36	32	32

Table 50.-- Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Oats	Bushel	1.80	1.75	3.15	1.75	3.15
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	3.00	6.45	3.25	6.99
Nitrogen fertilizer	do.	3.60	1.00	3.60	1.10	3.96
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.01
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	19.83	.93	20.47	.96
Total preharvest	Acre	---	1.0	24.04	1.0	23.73

Labor required per acre (hours)

Resource situation	Feb.	Mar.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm	.66	.32	.50	.83	1.85	4.16	3.12	1.04
Large farm	.50	.18	1.00	.62	1.28	3.58	2.34	1.24

--Continued

Table 50.-- Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (90 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.36	1.0	2.86
Total variable cost per planted acre	do.	---	1.0	30.40	1.0	26.59

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	40.8	45.3	45	36	36
Large farm	40.8	45.3	50	39	39

Table 51.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.77	3.46	1.98	2.48
Seasonal	do.	1.00	.77	.77	.56	.56
Seed:						
Oats	Bushel	1.84	2.00	3.68	2.00	3.68
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.30	3.00	6.90	3.00	6.90
Nitrogen fertilizer	do.	3.80	1.00	3.80	1.00	3.80
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.77	2.99	.40	.43
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.58	2.88
Equipment, lubricant and repairs	do.	---	---	1.33	---	1.20
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	20.76	.97	20.74	.97
Total preharvest	Acre	---	1.0	25.19	1.0	24.19

Labor required per acre (hours)

Resource situation	Mar.	June	Oct.	Nov.	Total	Regular	Seasonal
Small farm	.66	1.0	.77	2.11	4.54	3.77	.77
Large farm	.50	1.0	.58	1.46	3.54	2.48	1.06

--Continued

Table 51.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Equipment, lubricant and repairs	do.	---	---	.10	---	.05
Truck, fuel, lubricant and repairs	do.	---	---	.89	---	.58
Custom hire:						
Combine	Acre	5.50	1.00	5.50	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.74	1.0	3.23
Total harvest cost per planted acre	do.	---	1.0	7.35	1.0	3.07
Total variable cost per planted acre	do.	---	1.0	32.54	1.0	27.26

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	46.1	48.5	49	30	45
Large farm	46.1	48.5	51	35	52

Table 52.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)

Category	Unit	Price	Large farm (Valley)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	1.90	2.38
Seasonal	do.	1.00	.56	.56
Seed:				
Oats	Bushel	1.73	2.0	3.46
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.30	3.30	7.59
Nitrogen fertilizer	do.	3.80	1.25	4.75
Lime, ground	Ton	7.75	.167	1.29
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.60	.65
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.73	1.01
Total preharvest	Acre	---	1.0	25.12

Labor required per acre (hours)

Resource situation	Mar.	June	Aug.	Sept.	Oct.	Total	Regular	Seasonal
Large farm (Valley)	.41	1.25	.28	1.12	.40	3.46	2.40	1.06

--Continued

Table 52.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Limestone Valley Area (D)--Continued

Category	Unit	Price	Large farm (Valley)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.50	.63
Seasonal	do.	1.00	.50	.50
Power and equipment:				
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.50	1.47
Trailer, lubricant and repairs	do.	.14	.50	.07
Truck, fuel, lubricant and repairs	do.	1.16	.50	.58
Total harvest cost per harvested acre, (96 percent harvested)	Acre	---	1.0	3.25
Total harvest cost per planted acre	do.	---	1.0	3.12
Total variable cost per planted acre	do.	---	1.0	28.24

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Valley)	46.1	48.0	58	33	50

Table 53.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil III)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.03	2.54	2.91	3.64
Seasonal	do.	1.00	---	---	---	---
Seed:						
Oats	Bushel	1.40	2.00	2.80	2.00	2.80
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	2.00	4.00
Nitrogen fertilizer	do.	4.00	1.00	4.00	.60	2.40
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.76	.82	2.91	3.14
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.62	2.95	---	---
Equipment, lubricant and repairs	do.	---	---	1.16	---	1.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.33	1.00	15.23	.71
Total preharvest	Acre	---	1.0	24.87	1.0	19.58

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Large farm (Soil I)	.25	.80	1.58	.20	2.83	2.43	.40
Small farm (Soil III)	.33	0	2.30	.28	2.91	2.91	0

--Continued

Table 53.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Clay Hills Area (E)--Continued

Category	Unit	Price	Large farm (Soil I)		Small farm (Soil III)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.40	.50	---	---
Seasonal	do.	1.00	.40	.40	---	---
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.40	1.17	---	---
Truck, fuel, lubricant and repairs	do.	---	---	.50	---	---
Custom hire:						
Combine	Acre	8.00	---	---	1.00	8.00
Hauling	Bushel	.06	---	---	38.00	2.28
Total harvest cost per harvested acre, (90 percent harvested)	Acre	---	1.0	2.57	1.0	10.28
Total harvest cost per planted acre	do.	---	1.0	2.31	1.0	9.25
Total variable cost per planted acre	do.	---	1.0	27.18	1.0	28.83

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	49.5	55.0	57	48	48
Small farm (Soil III)	34.2	38.0	32	24	24

Table 54.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	2.46	3.08
Seasonal	do.	1.00	.25	.25
Seed:				
Oats	Bushel	1.70	2.00	3.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	2.00	4.30
Nitrogen fertilizer	do.	3.80	1.25	4.75
Lime, ground	Ton	7.75	.20	1.55
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.46	2.66
Equipment, lubricant and repairs	do.	---	---	1.09
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	18.00	.84
Total preharvest	Acre	---	1.0	21.92

Labor required per acre (hours)

Resource situation	Mar.	June	Aug.	Sept.	Oct.	Total	Regular	Seasonal
Large farm	.33	1.17	.45	.83	1.10	3.88	3.36	.52

--Continued

Table 54.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Black Prairie Area (F)--Continued

Category	Unit	Price	Large farm	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.90	1.13
Seasonal	do.	1.00	.27	.27
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	.54	.58
Combine, lubricant and repairs	do.	---	---	1.09
Truck, fuel, lubricant and repairs	do.	.89	.90	.80
Custom hire:				
Combine	Acre	6.00	.40	2.40
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	6.27
Total harvest cost per planted acre	do.	---	1.0	5.96
Total variable cost per planted acre	do.	---	1.0	27.88

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm	38	40	50	24	24

Table 55.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.91	3.64	2.91	3.64
Seed:						
Oats	Bushel	1.40	2.00	2.80	2.00	2.80
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	3.00	6.00
Nitrogen fertilizer	do.	4.00	1.00	4.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.91	3.14	2.91	3.14
Equipment, lubricant and repairs	do.	---	---	1.29	---	1.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	20.83	.97	18.83	.88
Total preharvest	Acre	---	1.0	25.44	1.0	23.35

Labor required per acre (hours)

Resource situation	Feb.	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Soil I)	.33	2.30	.28	2.91	2.91	0
Small farm (Soil II)	.33	2.30	.28	2.91	2.91	0

--Continued

Table 55.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Small farm (Soil I)		Small farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Custom hire:						
Combine	Acre	8.00	1.00	8.00	1.00	8.00
Hauling	Bushel	.06	50.00	3.00	48.00	2.88
Total harvest cost per harvested acre, (90 percent harvested)	Acre	---	1.0	11.00	1.0	10.88
Total harvest cost per planted acre	do.	---	1.0	9.90	1.0	9.79
Total variable cost per planted acre	do.	---	1.0	35.34	1.0	33.14

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Soil I)	45.0	50.0	57	48	48
Small farm (Soil II)	43.2	48.0	51	36	36

Table 56.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.03	2.54	2.03	2.54
Seed:						
Oats	Bushel	1.40	2.00	2.80	2.00	2.80
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.00	4.00	8.00	3.00	6.00
Nitrogen fertilizer	do.	4.00	1.00	4.00	1.00	4.00
Lime, ground	Ton	4.00	.40	1.60	.40	1.60
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	.45	.49	.76	.82
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	1.58	2.88	1.62	2.95
Equipment, lubricant and repairs	do.	---	---	1.16	---	1.16
Interest on operating expenses, 8months at 7 percent	Dollar	.07	20.93	.98	19.33	.90
Total preharvest	Acre	---	1.0	24.45	1.0	22.77

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Large farm (Soil I)	.25	.80	1.58	.20	2.83	2.43	.40
Large farm (Soil II)	.25	.80	1.58	.20	2.83	2.43	.40

--Continued

Table 56.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, Tennessee Brown Loam Area (G)--Continued

Category	Unit	Price	Large farm (Soil I)		Large farm (Soil II)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.40	.50	.40	.50
Seasonal	do.	1.00	.40	.40	.40	.40
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	.40	1.17	.40	1.17
Truck, fuel, lubricant and repairs	do.	---	---	.50	---	.50
Total harvest cost per harvested acre, (90 percent harvested)	Acre	---	1.0	2.57	1.0	2.57
Total harvest cost per planted acre	do.	---	1.0	2.31	1.0	2.31
Total variable cost per planted acre	do.	---	1.0	26.76	1.0	25.08

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Large farm (Soil I)	49.5	55.0	57	48	48
Large farm (Soil II)	44.1	49.0	51	36	36

Table 57.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.68	3.35	2.68	3.35
Seasonal	do.	1.00	1.10	1.10	1.10	1.10
Seed:						
Oats	Bushel	1.60	2.00	3.20	2.00	3.20
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	5.00	11.25	5.00	11.25
Nitrogen fertilizer	do.	3.88	1.40	5.43	1.40	5.43
Lime, ground	Ton	---	---	1.40	---	1.55
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.68	2.89	2.68	2.89
Equipment, lubricant and repairs	do.	---	---	1.39	---	1.39
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	26.66	1.25	26.81	1.25
Total preharvest	Acre	---	1.0	31.26	1.0	31.41

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	1.10	2.00	.83	1.85	5.78	3.68	2.10
Small farm (Coastal Plain)	1.10	2.00	.83	1.85	5.78	3.68	2.10

--Continued

Table 57.--Oats: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest cost per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	1.00	1.25
Seasonal	do.	1.00	1.00	1.00	1.00	1.00
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.00	1.08	1.00	1.08
Combine, lubricant and repairs	do.	2.00	1.00	2.00	1.00	2.00
Truck, fuel, lubricant and repairs	do.	---	---	.76	---	.76
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	6.09	1.0	6.09
Total harvest cost per planted acre	do.	---	1.0	5.79	1.0	5.79
Total variable cost per planted acre	do.	---	1.0	37.05	1.0	37.20

Additional information:

Resource situation	Bushels of oats per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	47.5	50.0	72	50	50
Small farm (Coastal Plain)	54.2	57.0	72	50	50

Table 58.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Barley	Bushel	2.80	2.00	5.60	2.00	5.60
Fertililer and lime:						
Mixed fertilizer	Cwt.	2.15	2.75	5.91	2.75	5.91
Nitrogen fertilizer	do.	3.60	.80	2.88	.80	2.88
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.01
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.20	.99	20.99	.98
Total preharvest	Acre	---	1.0	25.47	1.0	24.27

Labor required per acre (hours)

Resource situation	Mar.	Apr.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm	.66	.32	.50	1.58	1.10	4.16	3.12	1.04
Large farm	.50	.18	1.00	1.10	.80	3.58	2.34	1.24

--Continued

Table 58.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Piedmont Area (A)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	----	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	32.19	1.0	27.29

Additional information:

Resource situation	Bushels of barley per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	40.1	42.2	38	33	33
Large farm	40.1	42.2	38	33	33

Table 59.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.62	3.28	1.84	2.30
Seasonal	do.	1.00	1.04	1.04	.74	.74
Seed:						
Barley	Bushel	2.75	1.75	4.81	1.75	4.81
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	2.75	5.91	2.75	5.91
Nitrogen fertilizer	do.	3.60	.75	2.70	.75	2.70
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.62	2.83	.51	.55
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	1.30	2.37
Equipment, lubricant and repairs	do.	---	---	1.06	---	1.01
Truck, fuel, lubricant and repairs	do.	---	---	.18	---	.23
Insecticides:						
Materials, various	Acre	---	---	.12	---	.12
Herbicides:						
Postemerge application	do.	---	---	.29	---	.29
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	20.23	.94	20.02	.93
Total preharvest	Acre	---	1.0	24.45	1.0	23.25

Labor required per acre (hours)

Resource situation	Feb.	Mar.	May	Sept.	Oct.	Total	Regular	Seasonal
Small farm	.66	.32	.50	.83	1.85	4.16	3.12	1.04
Large farm	.50	.18	1.00	.62	1.28	3.58	2.34	1.24

--Continued

Table 59.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest cost per harvested acre:						
Labor:						
Regular	Hour	1.25	.50	.63	.50	.63
Seasonal	do.	1.00	---	---	.50	.50
Power and equipment:						
Combine, self-propelled, fuel, lubricant and repairs	do.	2.93	---	---	.50	1.47
Truck, fuel, lubricant and repairs	do.	---	---	.44	---	.58
Custom hire:						
Combine	Acre	6.00	1.00	6.00	---	---
Total harvest cost per harvested acre, (95 percent harvested)	do.	---	1.0	7.07	1.0	3.18
Total harvest cost per planted acre	do.	---	1.0	6.72	1.0	3.02
Total variable cost per planted acre	do.	---	1.0	31.17	1.0	26.27

Additional information:

Resource situation	Bushels of barley per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	37.0	38.9	36	33	33
Large farm	37.0	38.9	36	33	33

Table 60.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	2.68	3.35	2.68	3.35
Seasonal	do.	1.00	1.10	1.10	1.10	1.10
Seed:						
Barley	Bushel	2.00	2.00	4.00	2.00	4.00
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.25	5.00	11.25	5.00	11.25
Nitrogen fertilizer	do.	3.88	1.40	5.43	1.40	5.43
Lime, ground	Ton	---	---	1.40	---	1.55
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	2.68	2.89	2.68	2.89
Equipment, lubricant and repairs	do.	---	---	1.39	---	1.39
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	27.46	1.28	27.61	1.29
Total preharvest	Acre	---	1.0	32.09	1.0	32.25

Labor required per acre (hours)

Resource situation	Feb.	June	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	1.10	2.00	.83	1.85	5.78	3.68	2.10
Small farm (Coastal Plain)	1.10	2.00	.83	1.85	5.78	3.68	2.10

--Continued

Table 60.--Barley: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont (H) and Coastal Plain (J) Areas--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	1.00	1.25
Seasonal	do.	1.00	1.00	1.00	1.00	1.00
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.00	1.08	1.00	1.08
Combine, lubricant and repairs	do.	2.00	1.00	2.00	1.00	2.00
Truck, fuel, lubricant and repairs	do.	---	---	.76	---	.76
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	6.09	1.0	6.09
Total harvest cost per planted acre	do.	---	1.0	5.79	1.0	5.79
Total variable cost per planted acre	do.	---	1.0	37.88	1.0	38.04

Additional information:

Resource situation	Bushels of barley per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	44.7	47.0	72	50	50
Small farm (Coastal Plain)	44.7	47.0	72	50	50

Table 61.--Grain sorghum: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont Area (H)

Category	Unit	Price	Small farm (Piedmont)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	3.35	4.19
Seasonal	do.	1.00	1.28	1.28
Seed:				
Grain sorghum	Pound	.20	8.00	1.60
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.15	3.00	6.45
Nitrogen fertilizer	do.	3.60	1.00	3.60
Lime, ground	Ton	7.75	.167	1.29
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	3.35	3.62
Equipment, lubricant and repairs	do.	---	---	1.18
Truck, fuel, lubricant and repairs	do.	---	---	.18
Insecticides:				
Materials, various	Acre	---	---	.38
Herbicides:				
Preemerge application	do.	---	---	1.42
Postemerge application	do.	---	---	.07
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	21.07	.98
Total preharvest	Acre	---	1.0	26.24

Labor required per acre (hours)

Resource situation	Mar.	April	May	June	Aug.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	.83	.45	2.15	1.08	.12	.50	5.13	3.85	1.28

--Continued

Table 61.--Grain Sorghum: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Piedmont Area (H)--Continued

Category	Unit	Price	Small farm (Piedmont)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	.50	.63
Power and equipment:				
Truck, fuel, lubricant and repairs	do.	.89	.50	.45
Custom hire:				
Combine	Acre	6.00	1.00	6.00
Total harvest cost per harvested acre, (90 percent harvested)	do.	---	1.0	7.08
Total harvest cost per planted acre	do.	---	1.0	6.37
Total variable cost per planted acre	do.	---	1.0	32.61

Additional information:

Resource situation	Bushels of grain sorghum per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	45	50	46	36	36

Table 62.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	6.09	7.61	3.65	4.56
Seasonal	do.	1.00	2.29	2.29	1.66	1.66
Seed:						
Peanuts	Pound	.34	65.00	22.10	65.00	22.10
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	3.50	7.62	3.50	7.62
Gypsum	do.	.85	4.25	3.61	4.25	3.61
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	6.09	6.58	.52	.56
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.57	4.68
Equipment, lubricant and repairs	do.	---	---	1.89	---	2.79
Truck, fuel, lubricant and repairs	do.	---	---	.27	---	.35
Insecticides:						
Materials, various	Acre	---	---	6.04	---	6.04
Herbicides:						
Preemerge application	do.	---	---	5.57	---	5.57
Postemerge application	do.	---	---	.51	---	.51
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	57.77	2.70	56.78	2.65
Total preharvest	Acre	---	1.0	68.08	1.0	63.99

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Aug.	Sept.	Nov.	Total	Regular	Seasonal
Small farm	1.94	1.40	1.15	1.09	1.75	.60	3.45	.45	11.83	8.54	3.29
Large farm	1.40	1.16	.59	.55	1.05	.28	3.33	.28	8.64	5.98	2.66

--Continued

Table 62.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	2.45	3.06	2.33	2.91
Seasonal	do.	1.00	1.00	1.00	1.00	1.00
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.45	1.57	.33	.36
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.00	3.64
Equipment, lubricant and repairs	do.	---	---	.32	---	1.81
Truck, fuel, lubricant and repairs	do.	---	---	.89	---	1.16
Custom hire:						
Combine	Acre	15.00	1.00	15.00	---	---
Cleaning and drying	Ton	11.00	.98	10.78	.98	10.78
Other costs:						
Commodity Commission	do.	1.00	.98	.98	.98	.98
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	33.60	1.0	22.64
Total harvest cost per planted acre	do.	---	1.0	31.92	1.0	21.51
Total variable cost per planted acre	do.	---	1.0	100.0	1.0	85.50

Additional information:

Resource situation	Pounds of peanuts per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	1,862	1,960	15	40	50
Large farm	1,862	1,960	15	40	50

Table 63.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	5.72	7.15	3.72	4.65
Seasonal	do.	1.00	5.30	5.30	3.38	3.38
Seed:						
Peanuts	Pound	.332	80.00	26.56	80.00	26.56
Fertilizer and lime:						
Mixed fertilizer	Cwt.	2.15	3.58	7.70	3.58	7.70
Gypsum	do.	.875	3.75	3.28	3.75	3.28
Lime, ground	Ton	7.75	.167	1.29	.167	1.29
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	5.72	6.18	1.65	1.78
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.07	3.77
Equipment, lubricant and repairs	do.	---	---	1.49	---	1.48
Insecticides:						
Materials, various	Acre	---	---	4.20	---	4.20
Herbicides:						
Preemerge application	do.	---	---	1.50	---	2.10
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	57.50	2.69	55.54	2.59
Total preharvest	Acre	---	1.0	67.34	1.0	62.78

Labor required per acre (hours)

Resource situation	Mar.	Apr.	May	June	July	Aug.	Sept.	Total	Regular	Seasonal
Small farm	1.48	.96	2.45	4.93	1.20	.50	.50	12.02	6.72	5.30
Large farm	1.12	.57	1.49	3.12	.80	1.50	1.50	10.10	5.72	4.38

--Continued

Table 63.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, Southern Coastal Plain Area (C)--Continued

Category	Unit	Price	Small farm		Large farm	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	1.00	1.25	2.00	2.50
Seasonal	do.	1.00	---	---	1.00	1.00
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	1.00	1.08	---	---
Tractor (4-R) fuel, lubricant and repairs	do.	1.82	---	---	2.00	3.64
Equipment, lubricant and repairs	do.	---	---	.33	---	1.94
Truck, fuel, lubricant and repairs	do.	---	---	---	---	1.16
Custom hire:						
Combine	Acre	15.00	1.00	15.00	---	---
Other costs:						
Cleaning and drying	Ton	11.00	.96	10.56	.96	10.56
Commodity Commission	do.	1.00	.96	.96	.96	.96
Total harvest cost per harvested acre, (95 percent harvested)	Acre	---	1.0	29.18	1.0	21.76
Total harvest cost per planted acre	do.	---	1.0	22.72	1.0	20.67
Total variable cost per planted acre	do.	---	1.0	95.06	1.0	83.45

Additional information:

Resource situation	Pounds of peanuts per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm	1,824	1,920	14	43	43
Large farm	1,824	1,920	14	43	43

Table 64.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Coastal Plain Area (J)

Category	Unit	Price	Small farm (Coastal Plain)	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	9.11	11.39
Seasonal	do.	1.00	9.00	9.00
Seed:				
Peanuts	Pound	.36	90.00	32.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.	2.40	3.00	7.20
Gypsum	do.	1.00	6.00	6.00
Lime, ground	Ton	8.00	.20	1.60
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	7.91	8.54
Equipment, lubricant and repairs	do.	---	---	1.80
Insecticides and fungicides:				
Materials, various	Acre	---	---	19.02
Herbicides:				
Preemerge application	do.	---	---	7.00
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	92.56	4.32
Total preharvest	Acre	---	1.0	108.27

Labor required per acre (hours)

Resource situation	Mar.	May	June	July	Aug.	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Coastal Plain)	2.51	1.63	6.98	6.09	.60	.30	9.60	27.71	14.31	13.40

--Continued

Table 64.--Peanuts: Estimated inputs and variable costs per planted acre, selected resource situations, North Carolina Coastal Plain Area (J)--Continued

Category	Unit	Price	Small farm (Coastal Plain)	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	5.20	6.50
Seasonal	do.	1.00	4.40	4.40
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	2.00	2.16
Equipment, lubricant and repairs	do.	---	---	1.25
Truck, fuel, lubricant and repairs	do.	---	---	3.06
Other costs:				
Curing and drying	Cwt.	.12	24.00	2.88
Total harvest cost per harvested acre, (97 percent harvested)	Acre	---	1.0	20.25
Total harvest cost per planted acre	do.	---	1.0	19.64
Total variable cost per planted acre	do.	---	1.0	127.91

Additional information:

Resource situation	Pounds of peanuts per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Coastal Plain)	2,328	2,400	0	30	30

Table 65.--Tobacco: Estimated inputs and variable costs per planted acre, Southeastern Coastal Plain Area (B)

Category	Unit	Price	Small and large farms	
			Quantity	Value
		Dollars		Dollars
Preharvest costs:				
Labor:				
Regular	Hour	1.25	33.35	41.69
Seasonal	do.	1.00	59.63	59.63
Seed:				
Plant bed (excluding labor)	Acre		1.0	27.02
Cover crop seed	Bushel	1.80	3.0	5.40
Fertilizer and lime:				
Mixed fertilizer	Cwt.		13.00	45.95
Nitrogen fertilizer	do.	2.90	1.00	2.90
Mixed fertilizer--cover crop	do.	2.15	5.00	10.75
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	15.66	16.91
Equipment, lubricant and repairs	do.	---	---	8.75
Truck, fuel, lubricant and repairs	do.	.89	2.50	2.22
Curing barn repairs			---	6.50
Insecticides and fungicides:				
Materials, various	Acre		1.0	10.26
Fumigant	do.		1.0	14.50
Other expenses:				
Sucker control	Gallon	17.50	1.0	17.50
Crop insurance	Acre		1.0	25.00
Curing barn insurance	do.			25.00
Interest on operating expenses, 8 months at 7 percent		.07	278.29	13.00
Total preharvest	do.	---	1.0	332.98

Labor required per acre (hours)

Resource situation	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Dec.	Total	Regular	Seasonal
Small and Large farm	3.00	3.88	9.00	42.92	9.56	15.30	124.20	127.20	4.95	2.68	6.19	348.88	80.15	268.73

--Continued

Table 65.--Tobacco: Estimated inputs and variable costs per planted acre, Southeastern Coastal Plain Area (B)--Continued

Category	Unit	Price	Small and large farms	
			Quantity	Value
		Dollars		Dollars
Harvest costs per harvested acre:				
Labor:				
Regular	Hour	1.25	46.80	58.50
Seasonal	do.	1.00	209.10	209.10
Power and equipment:				
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	21.00	22.68
Truck, fuel, lubricant and repairs	do.	.89	6.00	5.34
Equipment	do.	---	---	2.10
Other expenses:				
Heating fuel	Gallon	.18	3.30	59.40
Twine	Pound	1.00	7.50	7.50
Sticks	Each	.10	50.00	5.00
Marketing charge	Cwt.	2.00	18.00	36.00
Total harvest cost per harvested acre, (100 percent harvested)	Acre	---	1.0	405.62
Total harvest cost per planted acre	do.	---	1.0	405.62
Total variable cost per planted acre	do.	---	1.0	738.60

Additional information:

Resource situation	Yield per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small and Large farm	1,800 lbs.	1,800 lbs.	64	96	172 a/

a/ Excludes fertilizer for cover crop amounting to 20 lbs. of N, 60 lbs. of P_2O_5 and 60 lbs. of K_2O.

Table 66.--Tobacco: Estimated inputs and variable costs per planted acre, Piedmont (H) and Coastal Plain (J) Areas of North Carolina

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Preharvest costs:						
Labor:						
Regular	Hour	1.25	29.37	36.71	38.31	47.89
Seasonal	do.	1.00	51.19	51.19	69.40	69.40
Seed	Ounces	15.00	.20	3.00	.25	3.75
Fertilizer and lime:						
Mixed fertilizer	Cwt.	---	14.60	41.17	15.60	44.81
Lime, ground	Ton	7.00	.20	1.40	.20	1.40
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	Hour	1.08	16.47	17.79	20.51	22.15
Equipment, repairs and lubricant	do.	---	---	2.76	---	2.47
Insecticides:						
Insect, disease and Nematode Control	Acre	---	1.0	17.90	1.0	22.80
Herbicides:						
Plant bed	do.	---	1.0	9.80	1.0	9.80
Irrigation water	do.	---	.50	6.36	---	---
Other expenses:						
Sucker control agents	do.	---	1.0	20.00	1.0	20.00
Plant bed preparation	do.	---	1.0	15.00	1.0	15.10
Insurance	do.	---	1.0	30.65	1.0	30.65
Interest on operating expenses, 8 months at 7 percent	Dollar	.07	217.12	10.14	242.33	11.32
Total preharvest	Acre	---	1.0	263.87	1.0	301.54

Labor required per acre (hours)

Resource situation	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total	Regular	Seasonal
Small farm (Piedmont)	13.00	---	5.58	40.40	10.45	213.00	16.00	17.28	12.85	328.56	57.37	271.19
Small farm (Coastal Plain)	6.55	6.55	3.78	40.80	16.00	118.97	158.71	20.50	2.85	374.71	65.91	308.80

--Continued

Table 66.--Tobacco: Estimated inputs and variable costs per planted acre, Piedmont (H) and Coastal Plain (J) Areas of North Carolina--Continued

Category	Unit	Price	Small farm (Piedmont)		Small farm (Coastal Plain)	
			Quantity	Value	Quantity	Value
		Dollars		Dollars		Dollars
Harvest costs per harvested acre:						
Labor:						
Regular	Hour	1.25	28.00	35.00	27.60	34.50
Seasonal	do.	1.00	220.00	220.00	239.40	239.40
Power and equipment:						
Tractor (2-R) fuel, lubricant and repairs	do.	1.08	14.0	15.12	15.00	16.20
Truck, fuel, lubricant and repairs	do.	---	---	5.00	---	5.46
Equipment, lubricant and repairs	do.	---	---	5.50	---	5.50
Other expenses:						
Twine	Acre	---	1.0	3.95	1.0	4.20
Fuel oil	do.	---	1.0	45.00	1.0	52.27
Insurance on barns	do.	---	1.0	15.50	1.0	15.50
Marketing	do.	---	1.0	39.48	1.0	42.00
Total harvest cost per harvested acre, (100 percent harvested)	do.	---	1.0	384.55	1.0	415.03
Total harvest cost per planted acre	do.	---	1.0	384.55	1.0	415.03
Total variable cost per planted acre	do.	---	1.0	648.42	1.0	716.57

Additional information:

Resource situation	Yield per acre		Fertilizer (lbs. per acre)		
	Planted	Harvested	N	P_2O_5	K_2O
Small farm (Piedmont)	1,880 lbs.	1,880 lbs.	65	106	176
Small farm (Coastal Plain)	2,000 lbs.	2,000 lbs.	73	106	200

Table 67.--Counties by APAT production areas, Southeast Region

Southeast

Area A - Ga.

Baldwin
Banks
Barrow
Butts
Carroll
Cherokee
Clark
Clayton
Cobb
Columbia
Coweta
De Kalb
Douglas
Elbert
Fayette
Forsyth
Franklin
Fulton
Greene
Gwinnett
Hall
Hancock
Haralson
Harris
Hart
Heard
Henry
Jackson
Jasper
Jones
Lamar
Lincoln
McDuffie
Madison
Meriwether
Monroe
Morgan
Newton
Oconee
Oglethrope
Paulding
Pike
Putnam
Rockdale
Spalding

Area A - Ga.--Cont.

Stephens
Talbot
Taliaferro
Troup
Upson
Walton
Warren
Wilkes

Area A - Ala.

Chambers
Clay
Cleburne
Coosa
Lee
Randolph
Russell
Tallapoosa

Area A - S.C.

Anderson
Cherokee
Chester
Abbeville
Edgefield
Fairfield
Greenville
Greenwood
Lancaster
Laurens
McCormick
Newberry
Oconee
Pickens
Saluda
Spartanburg
Union
York

Area B - Ga.

Appling
Atkinson

Area B - Ga.--Cont.

Bacon
Berrien
Bibb
Bleckley
Brooks
Bulloch
Burke
Candler
Chattahoochee
Coffee
Colquitt
Cook
Crawford
Dodge
Emanuel
Evans
Glascock
Jeff Davis
Jefferson
Jenkins
Johnson
Lanier
Laurens
Lowndes
Marion
Montgomery
Muscogee
Richmond
Screven
Tattnall
Taylor
Telfair
Thomas
Toombs
Treutlen
Twiggs
Washington
Wheeler
Wilkinson

Area B - S.C.

Aiken
Allendale
Bamberg

Table 67.--Counties by APAT production areas, Southeast Region--Continued

Southeast

Area B - S.C.--Cont.

Barnwell
Calhoun
Chesterfield
Clarendon
Darlington
Dillon
Florence
Hampton
Horry
Kershaw
Lee
Lexington
Marion
Marlboro
Orangeburg
Richland
Sumter
Williamsburg

Area C - Ala.

Barbour
Butler
Coffee
Conecuh
Covington
Crenshaw
Dale
Geneva
Henry
Houston
Monroe
Pike

Area C - Ga.

Baker
Ben Hill
Calhoun
Clay
Crisp
Decatur
Dooly
Dougherty
Early

Area C - Ga.--Cont.

Grady
Houston
Irwin
Lee
Macon
Miller
Mitchell
Peach
Pulaski
Quitman
Randolph
Schley
Seminole
Stewart
Sumter
Terrell
Tift
Turner
Webster
Wilcox
Worth

Area D - Ala.

Blount
Calhoun
Cherokee
Colbert
Cullman
De Kalb
Etowah
Jackson
Jefferson
Lauderdale
Lawrence
Limestone
Madison
Marshall
Morgan
St. Clair
Shelby
Talladega
Walker

Area D - Ga.

Bartow
Catoosa
Chattooga
Dade
Floyd
Gordon
Murray
Polk
Walker
Whitfield

Area E - Ala.

Autauga
Bibb
Chilton
Elmore
Fayette
Franklin
Lamar
Macon
Marion
Pickens
Tuscaloosa
Winston

Area E - Tenn.

Benton
Carroll
Chester
Decatur
Hardin
Henderson
Henry
McNairy
Weakley

Area F - Ala.

Bullock
Dallas
Greene
Hale
Lowndes

Table 67.--Counties by APAT production areas, Southeast Region--Continued

Southeast

Area F - Ala.--Cont.

Marengo
Montgomery
Perry
Sumter
Wilcox

Area G - Tenn.

Crockett
Dyer
Fayette
Gibson
Hardeman
Haywood
Lake
Lauderdale
Madison
Obion
Shelby
Tipton

Area H - N.C.

Alamance
Anson
Cabarrus
Caswell
Catawba
Chatham
Cleveland
Davidson
Davie
Durham
Forsyth
Franklin
Gaston
Granville
Guilford
Iredell
Lincoln
Mecklenburg
Montgomery
Orange
Person
Polk

Area H - N.C.--Cont.

Randolph
Rockingham
Rowan
Rutherford
Stanly
Stokes
Surry
Union
Vance
Wake
Warren
Yadkin

Area J - N.C.

Beaufort
Bertie
Bladen
Brunswick
Camden
Carteret
Chowan
Columbus
Craven
Cumberland
Currituck
Dare
Duplin
Edgecombe
Gates
Greene
Halifax
Harnett
Hertford
Hoke
Hyde
Johnston
Jones
Lee
Lenoir
Martin
Moore
Nash
New Hanover
Northampton

Area J - N.C.--Cont.

Onslow
Pamlico
Pasquotank
Pender
Perquimans
Pitt
Richmond
Robeson
Sampson
Scotland
Tyrrell
Washington
Wayne
Wilson