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COSTS OF STORAGE AND SELECTED SERVICES FOR FARMERS' STOCK PEANUTS IN COMMERCIAL FACILITIES, 1971/72

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ABSTRACT

Costs of storing and providing selected services for farmers' stock peanuts in commercial facilities during fiscal 1971/72 are presented for the three major producing areas by main types of peanuts handled and stored. Book and standardized costs are given for receiving, loading out, storing, insect control, drying, and cleaning. Data are for a sample of 87 storage firms selected to represent principal types of facilities in each producing area.

Keywords: Costs, peanuts, storage, drying, cleaning.

PREFACE

This report was made by the Economic Research Service, USDA, for the Agricultural Stabilization and Conservation Service to provide guidelines for setting payment rates for handling and storing the major types of farmers' stock peanuts covered by Federal price support programs. The average costs presented also provide individual firms with benchmark data for assessing their relative position within the industry.

The authors are indebted to the peanut storage firms which provided accounting records on costs of operating handling and storage facilities. They are also indebted to many individuals in the Department for their time and effort in obtaining data. These individuals are: Joseph W. Robert, Jr., John M. Kelly, Frederick J. DeRoo, Victor F. Kirby, Lawrence C. Larkin, Joseph C. Podany, Charles A. Odell, John R. Brooker, Charles A. Wilmot, Dale L. Shaw, Linwood A. Hoffman, William W. Jones, Ray S. Corkern, and Harry O. Doty, Jr.

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COSTS OF STORAGE AND SELECTED SERVICES FOR FARMERS' STOCK PEANUTS
IN COMMERCIAL FACILITIES, 1971/72

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INTRODUCTION

This report presents costs of storing and providing selected services for farmers' stock peanuts (peanuts which have not been milled; that is, sorted or shelled). Costs are for commercial facilities in the three major peanut-producing areas during fiscal 1971/72. The areas are Virginia-Carolina (Virginia, North Carolina, and South Carolina north and east of the Santee-Congaree-Broad Rivers), Southeast (Georgia, Florida, Alabama, Mississippi, and southern South Carolina), and Southwest (Arkansas, Oklahoma, Texas, and New Mexico).

Results are based on firm accounting records and other information supplied by a sample of 87 storage facilities selected to represent principal types of facilities in each producing area. The sample consists of 43 independent warehouses, 30 shelling plants, and 14 sheller buying stations (see table 1). Independent warehouses are storage facilities without shelling machinery. They contracted with producer associations to store peanuts purchased by the Commodity Credit Corporation (CCC). Sheller buying stations were designed as such only in the Virginia-Carolina area. These buying stations differ from independent warehouses in that they did not deal directly with producer associations. Peanut shelling firms contracted with producer associations to store peanuts purchased by the CCC in these buying stations.

Costs were developed for six services performed as a part of the peanut handling and storage operation: Receiving, loading out, storing, insect control, drying, and cleaning. Two types of cost estimates, book and standardized, were derived for the major services. The types of cost estimates and services are defined in the methodology section.

RESULTS

Average costs of handling and storing farmers' stock peanuts (table 2) were developed by using standard depreciation rates and interest on investment and capital. Cost per ton received ranged from \$3.211 for Southeast runners handled by shellers to \$6.197 for Southwest Spanish handled by independent

1/ Agricultural economist and statistical assistant, respectively.

warehouses. The range of costs for loading-out was from \$1.630 for runners handled by shellers in the Southeast to \$3.387 for Virginias handled by independent warehouses in the Virginia-Carolina area. Combined cost for receiving and loading-out ranged from \$4.841 for Southeast runners handled by shellers to \$9.281 for Southwest Spanish handled by independent warehouses.

Storage costs per ton-month varied from \$0.479 for runners stored by Southeast shellers to \$1.288 for Virginias stored by Virginia-Carolina sheller buying stations.

Warehouses provided drying and cleaning services to farmers delivering peanuts with excess moisture or foreign material. The percent dried ranged from 90 percent of receipts for independent warehouses in the Southwest to 25 percent for Virginia-Carolina buying stations. The proportion of peanuts cleaned ranged from 53 percent of receipts for Southeast independents to none cleaned by Southwest sheller warehouses.

Drying costs ranged from \$8.400 per ton for runners dried by Southeast independent warehouses to \$17.360 for Spanish dried by Southwest sheller warehouses. Costs of cleaning a ton of peanuts varied from \$2.897 for Virginias cleaned by shellers in the Virginia-Carolina area to \$11.435 for the same type cleaned by independent warehousemen in the same area.

METHODOLOGY

Sampling

The sample used in this study was drawn from a total universe of 321 facilities storing farmers' stock peanuts consisting of 115 shellers, 131 independent warehouses, and 75 sheller buying stations. The sample size for each area was based on production in that area. A systematic sample, random start, was drawn from each area by type of facility. The sampling procedure was developed in consultation with USDA's Statistical Reporting Service.

Cost and other data were obtained from each plant by an economist or an auditor assigned to the Economic Research Service from other USDA agencies. These costs as obtained are called book costs. The cost data and related volumes for each service performed were summarized and tabulated by plant, type of facility, and area, according to the plan outlined below.

Standardized Depreciation and Interest

To minimize cost variation effects among plants in depreciation allowances and interest on investment, data were summarized using standardized rates. Depreciation on buildings was charged at 5 percent of acquisition cost. A 10-percent depreciation allowance was charged to cleaning and drying, handling, and miscellaneous equipment. Depreciation was allowed on motorized equipment at 20 percent of acquisition cost minus salvage value. Interest allowance on capital investment was computed at 8 percent of half the acquisition cost of

buildings and equipment. Interest on working capital was allowed for one-fourth year at 8 percent. Interest at 7 percent of acquisition cost was allowed for land.

Method of Allocation

Cost items were allocated to services performed as follows:

<u>Cost item</u>	<u>Basis for allocation</u>
Insurance	Value of equipment used to perform services indicated
Taxes	Value of equipment used to perform services indicated
Leases and rentals:	
Warehouse	Direct to storage
Other equipment	Wages and salaries
Depreciation:	
Warehouse	Direct to storage
Drying equipment	Direct to drying
Cleaning equipment	Direct to cleaning
Handling and grading equipment	Receiving and loading out by wages and salaries
Other equipment	To all services by wages and salaries
Interest on capital investment	Same as depreciation
Land	Interest on land value was allocated by wages and salaries and added to interest
Direct labor	Individual plant basis
Management and office	Individual plant basis
Wage and salary overhead	By wages and salaries
Home office	By wages and salaries
Repairs and maintenance	By wages and salaries
Utilities:	
Electricity	Allocated to drying and cleaning by hours and horsepower usage. Residual allocated to all functions by wages and salaries
Other	By wages and salaries
Drier fuel	Direct to drying

Cost item

Basis for allocation

Interest on working capital

Out-of-pocket cost

Other:

CCC bond

To peanut storage

Other

By wages and salaries

Insect control costs were computed on a per ton received basis and are separated from other costs.

Definition of Services

Receiving--Weighing, sampling, grading, 1/ issuing warehouse receipts, and moving peanuts into storage.

Storage--Warehousing custodial and record-keeping functions necessary during the period of storage.

Loading out--Weighing, sampling, grading, 1/ and removing peanuts from storage onto transporting equipment.

Insect control--Cleaning warehouse prior to approval, spraying insecticide on peanuts entering warehouse, and top sprays, fumigation, or both after warehouse is loaded.

Drying--Unloading peanuts into drying equipment, physically drying them prior to storage, and transporting them from drier to receiving site.

Cleaning--Unloading peanuts into cleaning equipment, physically cleaning them, and reloading them for next service to be performed.

1/ This includes depreciation, interest on investment and repairs on pneumatic sampler, grading room, and grading equipment and grader overtime. It excludes per ton cost of Federal-State inspection service.

Table 1--Capacity and services performed by sample plants, by area and type of facility, 1971/72

Type of facility and area	Sample plants	Total peanut storage capacity	Total ton months stored	Average occu-pancy rate	Average months space used	Receipts	Shipments
	Number	100 cu.ft.	Tons	Percent	Number	Tons	Tons
Warehouse:							
Southeast	23	87,720	436,504	57.4	8.67	107,829	95,543
Southwest	13	31,661	95,899	37.1	8.16	29,286	29,219
Virginia-Carolina	7	6,711	27,934	78.7	6.61	10,229	12,831
Total warehouses	43	126,092	560,337	52.6	8.48	147,344	137,593
Sheller:							
Southeast	20	134,093	732,950	58.0	9.42	210,245	201,022
Southwest	5	12,976	32,742	44.8	5.63	16,453	12,753
Virginia-Carolina	5	27,350	47,380	32.9	6.58	17,475	17,049
Total shellers	30	174,419	813,072	54.2	9.10	244,173	230,824
Virginia-Carolina buying stations	14	18,145	72,658	79.6	6.29	25,059	27,786
All facilities	87	318,656	1,446,067	54.4	8.72	416,576	396,203

Table 2--Standardized weighted average cost per ton for storage and selected services for farmers' stock peanuts, by area, variety, and type of facility, 1971/72

Area, variety, and warehouse	Receiving	Loading out	Storage per month	Drying	Cleaning	Insect control
Dollars						
Southeast runners:						
Sheller	3.211	1.630	0.479	10.084	3.001	0.411
Independent	4.479	2.447	.740	8.400	2.980	.353
All facilities	3.594	1.852	.565	9.290	2.990	.393
Southeast Spanish:						
Sheller	3.389	1.712	.507	10.610	3.160	.433
Independent	4.705	2.578	.777	8.825	3.132	.371
All facilities	4.074	2.170	.654	9.376	3.138	.400
Southeast Virginias:						
Sheller	4.213	2.148	.627	13.219	3.937	.539
Independent	5.893	3.237	.975	11.077	3.928	.464
All facilities	4.600	2.408	.733	12.400	3.932	.522
Southwest Spanish:						
Sheller	4.583	3.133	1.099	17.360	1/	.133
Independent	6.197	3.084	1.145	8.990	8.477	NA
All facilities	5.614	3.100	1.133	11.462	8.477	NA
Virginia-Carolina Virginias:						
Sheller	5.460	2.689	1.108	10.759	2.897	NA
Independent	5.370	3.387	1.090	13.256	11.435	NA
Buying station	4.441	3.146	1.288	15.159	4.370	.188
All facilities	4.957	3.064	1.193	13.231	3.895	NA
All facilities, all areas 2/	4.129	2.252	.700	10.192	3.447	NA

NA = Not available.

1/ None cleaned.

2/ Totals compiled from detail tables 4 through 23 and 25 through 34.

Table 3--Average annual standardized costs per ton and average storage period, by area, variety, and type of facility, 1971/72

Warehouse area and variety	Receiving	Loading out	Combined : handling : 1/	Storage	Total	Average : storage : period
	-----Dollars-----					Months
Southeast runners:						
Sheller	3.211	1.630	4.841	1.791	6.632	3.74
Independent	4.479	2.447	6.926	3.315	10.241	4.48
All facilities	3.594	1.852	5.446	2.237	7.683	3.96
Southeast Spanish:						
Sheller	3.389	1.712	5.101	2.358	7.459	4.65
Independent	4.705	2.578	7.283	4.398	11.681	5.66
All facilities	4.074	2.170	6.244	3.368	9.612	5.15
Southeast Virginias:						
Sheller	4.213	2.148	6.361	2.038	8.399	3.25
Independent	5.893	3.237	9.130	5.012	14.142	5.14
All facilities	4.600	2.408	7.008	2.683	9.691	3.66
Southwest Spanish:						
Sheller	4.583	3.133	7.716	3.055	10.771	2.78
Independent	6.197	3.084	9.281	4.580	13.861	4.00
All facilities	5.614	3.100	8.714	4.079	12.793	3.60
Virginia-Carolina Virginias:						
Sheller	5.460	2.689	8.149	3.568	11.717	3.22
Independent	5.370	3.387	8.757	4.458	13.215	4.09
Buying station	4.441	3.146	7.587	4.637	12.224	3.60
All facilities	4.957	3.064	8.021	4.235	12.256	3.55
All facilities, all areas	4.129	2.252	6.381	2.810	9.191	4.02

1/ Combined handling cost is total of receiving and loading out costs.

Table 4--Weighted average cost per ton for receiving peanuts, Southeast runners, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.014	0.020	0.016
Taxes .....	.011	.020	.014
Leases and rent .....	.027	.048	.033
Depreciation:			
Book .....	.293	.457	.342
Standard .....	.328	.565	.400
Interest on capital investment:			
Book .....	.030	.085	.047
Standard .....	.163	.310	.207
Total fixed:			
Book .....	.375	.630	.452
Standard .....	.543	.963	.670
Variable:			
Direct labor .....	.992	.940	.976
Management and office .....	.668	1.227	.837
Wage and salary overhead .....	.231	.228	.230
Home office .....	.158	<u>1/</u>	.110
Repairs and maintenance .....	.266	.402	.307
Utilities .....	.137	.378	.210
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.109	.099	.106
Standard .....	.056	.076	.062
Other .....	.160	.265	.192
Total variable:			
Book	2.721	3.539	2.968
Standard	2.668	3.516	2.924
Total:			
Book	3.096	4.169	3.420
Standard	3.211	4.479	3.594

-- = Not applicable.

1/ None.

Table 5--Weighted average cost per ton for receiving peanuts, Southeast Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.014	0.021	0.018
Taxes .....	.011	.021	.016
Leases and rent .....	.029	.050	.040
Depreciation:			
Book .....	.310	.480	.399
Standard .....	.346	.594	.475
Interest on capital investment:			
Book .....	.032	.089	.062
Standard .....	.172	.325	.252
Total fixed:			
Book .....	.396	.661	.535
Standard .....	.572	1.011	.801
Variable:			
Direct labor	1.048	.988	1.017
Management and office .....	.705	1.289	1.009
Wage and salary overhead .....	.244	.239	.241
Home office .....	.167	<u>1/</u>	.080
Repairs and maintenance .....	.281	.422	.354
Utilities .....	.145	.397	.276
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.115	.104	.109
Standard .....	.059	.080	.070
Other .....	.168	.279	.226
Total variable:			
Book	2.873	3.718	3.312
Standard	2.817	3.694	3.273
Total:			
Book	3.269	4.379	3.847
Standard	3.389	4.705	4.074

-- = Not applicable.

1/ None.

Table 6--Weighted average cost per ton for receiving peanuts, Southeast Vir-
ginias, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
		<u>Dollars</u>	
Fixed:			
Insurance	0.018	0.027	0.020
Taxes .....	.014	.026	.017
Leases and rent .....	.036	.063	.042
Depreciation:			
Book .....	.384	.602	.434
Standard .....	.431	.744	.503
Interest on capital investment:			
Book .....	.040	.112	.057
Standard .....	.213	.408	.258
Total fixed:			
Book .....	.492	.830	.570
Standard .....	.712	1.268	.840
Variable:			
Direct labor	1.302	1.237	1.287
Management and office .....	.876	1.614	1.047
Wage and salary overhead .....	.303	.300	.302
Home office .....	.208	1/	.160
Repairs and maintenance .....	.349	.528	.390
Utilities .....	.180	.497	.253
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.143	.130	.140
Standard .....	.074	.100	.080
Other .....	.209	.349	.241
Total variable:			
Book	3.570	4.655	3.820
Standard	3.501	4.625	3.760
Total:			
Book	4.062	5.485	4.390
Standard	4.213	5.893	4.600

-- = Not applicable.

1/ None.

Table 7--Weighted average cost per ton for receiving peanuts, Southwest Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.035	0.054	0.047
Taxes .....	.018	.028	.024
Leases and rent .....	.042	.077	.064
Depreciation:			
Book .....	.709	.923	.846
Standard	1.117	1.070	1.087
Interest on capital investment:			
Book .....	.016	.061	.045
Standard .....	.379	.427	.410
Total fixed:			
Book .....	.820	1.143	1.026
Standard	1.591	1.656	1.632
Variable:			
Direct labor .....	.919	1.232	1.119
Management and office .....	.813	1.592	1.311
Wage and salary overhead .....	.191	.333	.282
Home office	<u>1/</u>	.009	.006
Repairs and maintenance .....	.371	.614	.526
Utilities .....	.366	.302	.325
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.009	.154	.102
Standard .....	.066	.102	.089
Other .....	.266	.357	.324
Total variable:			
Book	2.935	4.593	3.995
Standard	2.992	4.541	3.982
Total:			
Book	3.755	5.736	5.021
Standard	4.583	6.197	5.614

-- = Not applicable.

1/ None.

Table 8--Weighted average cost per ton for receiving peanuts, Virginia-Carolina Virginias, by type of facility, 1971/72

Cost item	Warehouse			
	Sheller	Independent	Sheller's buying station	All facilities
<u>Dollars</u>				
Fixed:				
Insurance	0.030	0.035	0.012	0.022
Taxes .....	.011	.021	.008	.012
Leases and rent .....	.048	.031	.022	.032
Depreciation:				
Book .....	.350	.455	.416	.402
Standard .....	.422	.797	.442	.504
Interest on capital investment:				
Book .....	.019	.020	.018	.019
Standard .....	.195	.334	.246	.246
Total fixed:				
Book .....	.458	.562	.476	.487
Standard .....	.706	1.218	.730	.816
Variable:				
Direct labor	1.311	1.324	.904	1.120
Management and office .....	.977	1.643	1.530	1.369
Wage and salary overhead .....	.229	.264	.221	.232
Home office .....	.811	<u>1/</u>	.084	.308
Repairs and maintenance .....	.582	.454	.472	.505
Utilities .....	.339	.254	.260	.285
Drier fuel	--	--	--	--
Interest on working capital:				
Book .....	.094	.048	.044	.061
Standard .....	.100	.088	.076	.086
Other .....	.405	.125	.164	.236
Total variable:				
Book	4.748	4.112	3.679	4.116
Standard	4.754	4.152	3.711	4.141
Total:				
Book	5.206	4.674	4.155	4.603
Standard	5.460	5.370	4.441	4.957

-- = Not applicable.

1/ None.

Table 9--Weighted average cost per ton for loading-out peanuts, Southeast runners, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
		<u>Dollars</u>	
Fixed:			
Insurance	0.008	0.017	0.010
Taxes .....	.006	.018	.009
Leases and rent .....	.013	.024	.016
Depreciation:			
Book .....	.186	.315	.221
Standard .....	.233	.415	.283
Interest on capital investment:			
Book .....	.018	.072	.033
Standard .....	.095	.182	.119
Total fixed:			
Book .....	.231	.446	.289
Standard .....	.355	.656	.437
Variable:			
Direct labor .....	.470	.467	.469
Management and office .....	.323	.627	.406
Wage and salary overhead .....	.110	.118	.112
Home office .....	.076	<u>1/</u>	.055
Repairs and maintenance .....	.132	.209	.153
Utilities .....	.061	.194	.097
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.052	.050	.051
Standard .....	.027	.040	.031
Other .....	.076	.136	.092
Total variable:			
Book	1.300	1.801	1.435
Standard	1.275	1.791	1.415
Total:			
Book	1.531	2.247	1.724
Standard	1.630	2.447	1.852

-- = Not applicable.

1/ None.

Table 10--Weighted average cost per ton for loading-out peanuts, Southeast Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.009	0.018	0.014
Taxes .....	.007	.019	.013
Leases and rent .....	.014	.025	.020
Depreciation:			
Book .....	.195	.332	.267
Standard .....	.244	.437	.346
Interest on capital investment:			
Book .....	.019	.076	.049
Standard .....	.100	.192	.149
Total fixed:			
Book .....	.244	.470	.363
Standard .....	.374	.691	.542
Variable:			
Direct labor .....	.493	.492	.492
Management and office .....	.339	.661	.509
Wage and salary overhead .....	.115	.124	.120
Home office .....	.080	1/	.038
Repairs and maintenance .....	.138	.220	.181
Utilities .....	.064	.204	.138
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.054	.053	.053
Standard .....	.029	.042	.036
Other .....	.080	.144	.114
Total variable:			
Book	1.363	1.898	1.645
Standard	1.338	1.887	1.628
Total:			
Book	1.607	2.368	2.008
Standard	1.712	2.578	2.170

-- = Not applicable.

1/ None.

Table 11--Weighted average cost per ton for loading-out peanuts, Southeast Virginias, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.011	0.023	0.014
Taxes .....	.008	.024	.012
Leases and rent .....	.017	.031	.020
Depreciation:			
Book .....	.245	.416	.286
Standard .....	.306	.549	.364
Interest on capital investment:			
Book .....	.024	.096	.041
Standard .....	.125	.241	.153
Total fixed:			
Book .....	.305	.590	.373
Standard .....	.467	.868	.563
Variable:			
Direct labor .....	.620	.618	.620
Management and office .....	.426	.830	.522
Wage and salary overhead .....	.145	.156	.148
Home office .....	.100	1/	.076
Repairs and maintenance .....	.174	.276	.198
Utilities .....	.080	.256	.122
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.068	.067	.068
Standard .....	.036	.052	.040
Other .....	.100	.181	.119
Total variable:			
Book	1.713	2.384	1.873
Standard	1.681	2.369	1.845
Total:			
Book	2.018	2.974	2.246
Standard	2.148	3.237	2.408

-- = Not applicable.

1/ None.

Table 12--Weighted average cost per ton for loading-out peanuts, Southwest Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
		<u>Dollars</u>	
Fixed:			
Insurance	0.029	0.027	0.028
Taxes .....	.012	.014	.013
Leases and rent .....	.030	.037	.035
Depreciation:			
Book .....	.424	.455	.446
Standard .....	.654	.596	.614
Interest on capital investment:			
Book .....	.011	.030	.024
Standard .....	.227	.214	.218
Total fixed:			
Book .....	.506	.563	.546
Standard .....	.952	.888	.908
Variable:			
Direct labor .....	.316	.483	.432
Management and office .....	.945	.904	.916
Wage and salary overhead .....	.140	.161	.155
Home office	1/	.004	.003
Repairs and maintenance .....	.271	.296	.288
Utilities .....	.267	.146	.183
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.007	.075	.054
Standard .....	.048	.049	.049
Other .....	.194	.153	.166
Total variable:			
Book	2.140	2.222	2.197
Standard	2.181	2.196	2.192
Total:			
Book	2.646	2.785	2.743
Standard	3.133	3.084	3.100

-- = Not applicable.

1/ None.

Table 13--Weighted average cost per ton for loading-out peanuts, Virginia-Carolina Virginias, by type of facility, 1971/72

Cost item	Warehouse			
	Sheller	Independ-ent	Sheller's buying station	All facilities
	<u>Dollars</u>			
Fixed:				
Insurance	0.016	0.022	0.009	0.014
Taxes .....	.006	.012	.005	.007
Leases and rent .....	.022	.019	.015	.018
Depreciation:				
Book .....	.191	.299	.308	.271
Standard .....	.242	.521	.327	.345
Interest on capital investment:				
Book .....	.010	.012	.012	.011
Standard .....	.099	.226	.181	.167
Total fixed:				
Book .....	.245	.364	.349	.321
Standard .....	.385	.800	.537	.551
Variable:				
Direct labor .....	.767	.843	.713	.758
Management and office .....	.340	1.005	.997	.804
Wage and salary overhead .....	.111	.165	.155	.144
Home office .....	.393	<u>1/</u>	.059	.145
Repairs and maintenance .....	.282	.282	.332	.306
Utilities .....	.164	.158	.184	.172
Drier fuel	--	--	--	--
Interest on working capital:				
Book .....	.045	.030	.031	.035
Standard .....	.049	.055	.053	.052
Other .....	.198	.079	.116	.132
Total variable:				
Book	2.300	2.562	2.587	2.496
Standard	2.304	2.587	2.609	2.513
Total:				
Book	2.545	2.926	2.936	2.817
Standard	2.689	3.387	3.146	3.064

-- = Not applicable.

1/ None.

Table 14--Weighted average cost per ton-month for storing peanuts, Southeast runners, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.018	0.030	0.022
Taxes .....	.014	.030	.019
Leases and rent .....	.044	.035	.041
Depreciation:			
Book .....	.104	.162	.123
Standard .....	.107	.138	.117
Interest on capital investment:			
Book .....	.040	.124	.068
Standard .....	.084	.111	.093
Total fixed:			
Book .....	.220	.381	.273
Standard .....	.267	.344	.292
Variable:			
Direct labor .....	.068	.137	.091
Management and office .....	.058	.095	.070
Wage and salary overhead .....	.017	.024	.019
Home office .....	.012	1/	.008
Repairs and maintenance .....	.019	.046	.028
Utilities .....	.010	.040	.020
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.008	.010	.009
Standard .....	.010	.015	.012
Other .....	.018	.039	.025
Total variable:			
Book .....	.210	.391	.270
Standard .....	.212	.396	.273
Total:			
Book .....	.430	.772	.543
Standard .....	.479	.740	.565

-- = Not applicable.

1/ None.

Table 15--Weighted average cost per ton-month for storing peanuts, Southeast Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
	<u>Dollars</u>		
Fixed:			
Insurance	0.019	0.031	0.026
Taxes .....	.015	.031	.024
Leases and rent .....	.046	.037	.041
Depreciation:			
Book .....	.111	.170	.143
Standard .....	.113	.145	.130
Interest on capital investment:			
Book .....	.042	.131	.091
Standard .....	.089	.116	.104
Total fixed:			
Book .....	.233	.400	.325
Standard .....	.282	.360	.325
Variable:			
Direct labor .....	.072	.144	.111
Management and office .....	.061	.100	.082
Wage and salary overhead .....	.018	.026	.022
Home office .....	.013	<u>1/</u>	.006
Repairs and maintenance .....	.020	.048	.035
Utilities .....	.011	.042	.028
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.009	.010	.010
Standard .....	.011	.016	.014
Other .....	.019	.041	.031
Total variable:			
Book .....	.223	.411	.325
Standard .....	.225	.417	.329
Total:			
Book .....	.456	.811	.650
Standard .....	.507	.777	.654

-- = Not applicable.

1/ None.

Table 16--Weighted average cost per ton-month for storing peanuts, Southeast Virginias, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
	<u>Dollars</u>		
Fixed:			
Insurance	0.023	0.039	0.028
Taxes .....	.018	.039	.024
Leases and rent .....	.057	.046	.054
Depreciation:			
Book .....	.137	.214	.161
Standard .....	.140	.182	.153
Interest on capital investment:			
Book .....	.052	.164	.086
Standard .....	.110	.146	.121
Total fixed:			
Book .....	.287	.502	.353
Standard .....	.348	.452	.380
Variable:			
Direct labor .....	.089	.181	.117
Management and office .....	.076	.126	.091
Wage and salary overhead .....	.023	.032	.026
Home office .....	.016	1/	.011
Repairs and maintenance .....	.025	.060	.036
Utilities .....	.013	.053	.025
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.011	.013	.012
Standard .....	.013	.020	.015
Other .....	.024	.051	.032
Total variable:			
Book .....	.277	.516	.350
Standard .....	.279	.523	.353
Total:			
Book .....	.564	1.018	.703
Standard .....	.627	.975	.733

-- = Not applicable.

1/ None.

Table 17--Weighted average cost per ton-month for storing peanuts, Southwest Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
		<u>Dollars</u>	
Fixed:			
Insurance	0.062	0.063	0.063
Taxes .....	.037	.033	.034
Leases and rent .....	.006	.028	.022
Depreciation:			
Book .....	.275	.234	.244
Standard .....	.294	.267	.274
Interest on capital investment:			
Book .....	.033	.071	.061
Standard .....	.211	.215	.214
Total fixed:			
Book .....	.413	.429	.424
Standard .....	.610	.606	.607
Variable:			
Direct labor .....	.085	.112	.105
Management and office .....	.184	.209	.202
Wage and salary overhead .....	.030	.038	.036
Home office	1/	.001	.001
Repairs and maintenance .....	.058	.070	.067
Utilities .....	.056	.034	.040
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.001	.017	.013
Standard .....	.018	.020	.019
Other .....	.058	.055	.056
Total variable:			
Book .....	.472	.536	.520
Standard .....	.489	.539	.526
Total:			
Book .....	.885	.965	.944
Standard	1.099	1.145	1.133

-- = Not applicable.

1/ None.

Table 18--Weighted average cost per ton-month for storing peanuts, Virginia-Carolina Virginias, by type of facility, 1971/72

Cost item	Warehouse			
	Sheller	Independ-ent	Sheller's buying station	All facilities
	<u>Dollars</u>			
Fixed:				
Insurance	0.065	0.058	0.082	0.072
Taxes .....	.025	.035	.052	.040
Leases and rent .....	.158	.032	.158	.134
Depreciation:				
Book .....	.206	.258	.340	.282
Standard .....	.261	.320	.341	.311
Interest on capital investment:				
Book .....	.040	.034	.118	.077
Standard .....	.208	.247	.275	.248
Total fixed:				
Book .....	.494	.417	.750	.605
Standard .....	.717	.692	.908	.805
Variable:				
Direct labor .....	.065	.117	.077	.081
Management and office .....	.110	.152	.151	.138
Wage and salary overhead .....	.018	.024	.021	.021
Home office .....	.062	1/	.008	.024
Repairs and maintenance .....	.045	.041	.044	.044
Utilities .....	.026	.022	.024	.024
Drier fuel	--	--	--	--
Interest on working capital:				
Book .....	.008	.004	.004	.005
Standard .....	.027	.018	.030	.027
Other .....	.038	.024	.025	.029
Total variable:				
Book .....	.372	.384	.354	.366
Standard .....	.391	.398	.380	.388
Total:				
Book .....	.866	.801	1.104	.971
Standard	1.108	1.090	1.288	1.193

-- = Not applicable.

1/ None.

Table 19--Weighted average cost for insect control spraying per ton of farmers' stock peanuts received, Southeast runners, by type of facility, 1971/72 1/

Item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Machinery	0.014	0.018	0.015
Insecticides .....	.169	.157	.165
Labor .....	.228	.178	.213
Total .....	.411	.353	.393

1/ Includes cost of warehouse cleaning and spraying prior to certification.

Table 20--Weighted average cost for insect control spraying per ton of farmers' stock peanuts received, Southeast Spanish, by type of facility, 1971/72 1/

Item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Machinery	0.015	0.019	0.017
Insecticides .....	.178	.165	.171
Labor .....	.240	.187	.212
Total .....	.433	.371	.400

1/ Includes cost of warehouse cleaning and spraying prior to certification.

Table 21--Weighted average cost for insect control spraying per ton of farmers' stock peanuts received, Southeast Virginias, by type of facility, 1971/72 1/

Item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Machinery	0.019	0.024	0.020
Insecticide .....	.221	.206	.218
Labor .....	.299	.234	.284
Total .....	.539	.464	.522

1/ Includes cost of warehouse cleaning and spraying prior to certification.

Table 22--Weighted average cost for insect control spraying per ton of farmers' stock peanuts received, Southwest Spanish, by type of facility, 1971/72 1/

Item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Machinery	0.009	NA	NA
Insecticides .....	.065	0.070	0.068
Labor .....	.059	.119	.097
Total .....	.133	NA	NA

NA = Not available.

1/ Includes cost of warehouse cleaning and spraying prior to certification.

Table 23--Weighted average cost for insect control spraying per ton of farmers' stock peanuts received, Virginia-Carolina Virginias, by type of facility, 1971/72 1/

Item	Warehouse			
	Sheller	Independent	Sheller's buying station	All facilities
	<u>Dollars</u>			
Machinery	NA	NA	0.016	NA
Insecticides	0.034	0.029	.011	0.022
Labor .....	.133	.017	.161	.124
Total	NA	NA	.188	NA

NA = Not available.

1/ Includes cost of warehouse cleaning and spraying prior to certification.

Table 24--Percent of peanut receipts dried and cleaned by area and type of facility, 1971/72

Warehouse and area	Dried	Cleaned
	<u>Percent</u>	
Independent:		
Southeast	67	53
Southwest	90	23
Virginia-Carolina	28	5
Sheller:		
Southeast	33	23
Southwest	67	0
Virginia-Carolina	28	27
Virginia-Carolina buying station	25	5

Table 25--Weighted average cost per ton for drying peanuts, Southeast runners, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.239	0.238	0.238
Taxes .....	.185	.242	.212
Leases and rent .....	.041	.036	.039
Depreciation:			
Book	2.503	2.302	2.408
Standard	3.002	2.550	2.789
Interest on capital investment:			
Book .....	.531	1.007	.755
Standard	1.242	1.123	1.186
Total fixed:			
Book	3.499	3.825	3.652
Standard	4.709	4.289	4.464
Variable:			
Direct labor	1.631	.984	1.326
Management and office .....	.934	.625	.788
Wage and salary overhead .....	.356	.170	.268
Home office .....	.245	<u>1/</u>	.130
Repairs and maintenance .....	.394	.288	.344
Utilities .....	.367	.478	.419
Drier fuel	1.060	1.344	1.194
Interest on working capital:			
Book .....	.168	.074	.124
Standard .....	.142	.123	.133
Other .....	.246	.199	.224
Total variable:			
Book	5.401	4.062	4.817
Standard	5.375	4.111	4.826
Total:			
Book	8.900	7.887	8.469
Standard	10.084	8.400	9.290

1/ None.

Table 26--Weighted average cost per ton for drying peanuts, Southeast Spanish,
by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.252	0.250	0.251
Taxes .....	.194	.254	.236
Leases and rent .....	.044	.038	.040
Depreciation:			
Book	2.635	2.419	2.486
Standard	3.160	2.680	2.828
Interest on capital investment:			
Book .....	.559	1.058	.904
Standard	1.308	1.179	1.219
Total fixed:			
Book	3.684	4.019	3.917
Standard	4.958	4.401	4.574
Variable:			
Direct labor	1.718	1.034	1.245
Management and office .....	.983	.657	.757
Wage and salary overhead .....	.368	.179	.237
Home office .....	.258	<u>1/</u>	.080
Repairs and maintenance .....	.415	.302	.337
Utilities .....	.386	.502	.466
Drier fuel	1.116	1.412	1.321
Interest on working capital:			
Book .....	.177	.130	.144
Standard .....	.149	.129	.135
Other .....	.259	.209	.224
Total variable:			
Book	5.680	4.425	4.811
Standard	5.652	4.424	4.802
Total:			
Book	9.364	8.444	8.728
Standard	10.610	8.825	9.376

1/ None.

Table 27--Weighted average cost per ton for drying peanuts, Southeast Virginia, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.313	0.314	0.313
Taxes .....	.242	.319	.271
Leases and rent .....	.054	.047	.051
Depreciation:			
Book	3.281	3.036	3.187
Standard	3.936	3.363	3.717
Interest on capital investment:			
Book .....	.696	1.328	.937
Standard	1.628	1.479	1.571
Total fixed:			
Book	4.586	5.044	4.759
Standard	6.173	5.522	5.923
Variable:			
Direct labor	2.139	1.298	1.818
Management and office	1.224	.825	1.072
Wage and salary overhead .....	.466	.224	.374
Home office .....	.321	1/	.198
Repairs and maintenance .....	.517	.380	.465
Utilities .....	.481	.630	.538
Drier fuel	1.390	1.773	1.536
Interest on working capital:			
Book .....	.220	.097	.173
Standard .....	.186	.162	.177
Other .....	.322	.263	.299
Total variable:			
Book	7.080	5.490	6.473
Standard	7.046	5.555	6.477
Total:			
Book	11.666	10.534	11.232
Standard	13.219	11.077	12.400

1/ None.

Table 28--Weighted average cost per ton for drying peanuts, Southwest Spanish,
by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
	<u>Dollars</u>		
Fixed:			
Insurance	0.572	0.339	0.408
Taxes .....	.211	.178	.188
Leases and rent .....	.043	.057	.053
Depreciation:			
Book	7.175	2.439	3.838
Standard	8.865	2.967	4.709
Interest on capital investment:			
Book .....	.187	.382	.324
Standard	3.493	1.224	1.894
Total fixed:			
Book	8.188	3.395	4.811
Standard	13.184	4.765	7.252
Variable:			
Direct labor	1.018	.872	.915
Management and office .....	.767	1.227	1.091
Wage and salary overhead .....	.198	.245	.231
Home office	<u>1/</u>	.006	.004
Repairs and maintenance .....	.383	.453	.432
Utilities .....	.520	.344	.396
Drier fuel .....	.869	.714	.760
Interest on working capital:			
Book .....	.010	.114	.083
Standard .....	.147	.128	.134
Other .....	.274	.236	.247
Total variable:			
Book	4.039	4.211	4.159
Standard	4.176	4.225	4.210
Total:			
Book	12.227	7.606	8.970
Standard	17.360	8.990	11.462

1/ None.

Table 29--Weighted average cost per ton for drying peanuts, Virginia-Carolina Virginias, by type of facility, 1971/72

Cost item	Warehouse			
	Sheller	Independ- ent	Sheller's buying station	All facilities
	<u>Dollars</u>			
Fixed:				
Insurance	0.296	0.410	0.295	0.319
Taxes .....	.112	.245	.165	.163
Leases and rent .....	.035	.034	.025	.030
Depreciation:				
Book	3.867	1.702	3.263	3.153
Standard	3.414	3.897	4.438	3.969
Interest on capital investment:				
Book .....	.180	.240	.422	.300
Standard	1.412	1.562	1.800	1.615
Total fixed:				
Book	4.490	2.631	4.170	3.965
Standard	5.269	6.148	6.723	6.096
Variable:				
Direct labor .....	.756	1.213	1.212	1.053
Management and office .....	.966	1.983	1.567	1.443
Wage and salary overhead .....	.171	.285	.254	.231
Home office .....	.608	<u>1/</u>	.095	.255
Repairs and maintenance .....	.436	.490	.541	.494
Utilities .....	.461	.500	.481	.478
Drier fuel	1.646	2.309	3.895	2.783
Interest on working capital:				
Book .....	.070	.051	.050	.057
Standard .....	.142	.193	.203	.180
Other .....	.304	.135	.188	.218
Total variable:				
Book	5.418	6.966	8.283	7.012
Standard	5.490	7.108	8.436	7.135
Total:				
Book	9.908	9.597	12.453	10.977
Standard	10.759	13.256	15.159	13.231

1/ None.

Table 30--Weighted average cost per ton for cleaning peanuts, Southeast runners, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.036	0.037	0.036
Taxes .....	.028	.038	.033
Leases and rent .....	.021	.030	.025
Depreciation:			
Book .....	.471	.386	.429
Standard .....	.539	.456	.498
Interest on capital investment:			
Book .....	.079	.155	.117
Standard .....	.241	.235	.238
Total fixed:			
Book .....	.635	.646	.640
Standard .....	.865	.796	.830
Variable:			
Direct labor .....	.707	.727	.717
Management and office .....	.622	.615	.618
Wage and salary overhead .....	.185	.140	.163
Home office .....	.127	<u>1/</u>	.064
Repairs and maintenance .....	.198	.233	.215
Utilities .....	.121	.253	.187
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.087	.062	.075
Standard .....	.049	.051	.050
Other .....	.127	.165	.146
Total variable:			
Book	2.174	2.195	2.185
Standard	2.136	2.184	2.160
Total:			
Book	2.809	2.841	2.825
Standard	3.001	2.980	2.990

-- = Not applicable.

1/ None.

Table 31--Weighted average cost per ton for cleaning peanuts, Southeast Spanish, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.037	0.039	0.038
Taxes .....	.029	.040	.037
Leases and rent .....	.022	.031	.028
Depreciation:			
Book .....	.496	.406	.432
Standard .....	.568	.479	.504
Interest on capital investment:			
Book .....	.083	.163	.140
Standard .....	.254	.247	.249
Total fixed:			
Book .....	.667	.679	.675
Standard .....	.910	.836	.856
Variable:			
Direct labor .....	.744	.764	.758
Management and office .....	.655	.646	.649
Wage and salary overhead .....	.195	.147	.161
Home office .....	.134	1/	.038
Repairs and maintenance .....	.209	.245	.235
Utilities .....	.128	.266	.226
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.092	.065	.073
Standard .....	.051	.054	.052
Other .....	.134	.174	.163
Total variable:			
Book	2.291	2.307	2.303
Standard	2.250	2.296	2.282
Total:			
Book	2.958	2.986	2.978
Standard	3.160	3.132	3.138

-- = Not applicable.

1/ None.

Table 32--Weighted average cost per ton for cleaning peanuts, Southeast Vir-
ginias, by type of facility, 1971/72

Cost item	Warehouse		
	Sheller	Independent	All facilities
			<u>Dollars</u>
Fixed:			
Insurance	0.047	0.049	0.048
Taxes .....	.036	.050	.042
Leases and rent .....	.028	.039	.032
Depreciation:			
Book .....	.618	.509	.574
Standard .....	.707	.600	.663
Interest on capital investment:			
Book .....	.103	.205	.144
Standard .....	.316	.309	.313
Total fixed:			
Book .....	.832	.852	.840
Standard	1.134	1.047	1.098
Variable:			
Direct labor .....	.927	.960	.940
Management and office .....	.816	.811	.814
Wage and salary overhead .....	.243	.185	.219
Home office .....	.167	<u>1/</u>	.099
Repairs and maintenance .....	.260	.307	.279
Utilities .....	.159	.333	.230
Drier fuel	--	--	--
Interest on working capital:			
Book .....	.114	.081	.100
Standard .....	.064	.067	.065
Other .....	.167	.218	.188
Total variable:			
Book	2.853	2.895	2.869
Standard	2.803	2.881	2.834
Total:			
Book	3.685	3.747	3.709
Standard	3.937	3.928	3.932

-- = Not applicable.

1/ None.

Table 33--Weighted average cost per ton for cleaning peanuts, Southwest Spanish, by type of facility, 1971/72

Cost item	Warehouse	
	Sheller <u>1/</u>	Independent : All facilities
	<u>Dollars</u>	
Fixed:		
Insurance	0.171	0.171
Taxes .....	.090	.090
Leases and rent .....	.089	.089
Depreciation:		
Book	1.828	1.828
Standard	2.026	2.026
Interest on capital investment:		
Book .....	.193	.193
Standard .....	.844	.844
Total fixed:		
Book	2.371	2.371
Standard	3.220	3.220
Variable:		
Direct labor	1.082	1.082
Management and office	2.202	2.202
Wage and salary overhead .....	.384	.384
Home office .....	.010	.010
Repairs and maintenance .....	.708	.708
Utilities .....	.368	.368
Drier fuel	--	--
Interest on working capital:		
Book .....	.178	.178
Standard .....	.131	.131
Other .....	.372	.372
Total variable:		
Book	5.304	5.304
Standard	5.257	5.257
Total:		
Book	7.675	7.675
Standard	8.477	8.477

-- = Not applicable.

1/ None cleaned.

Table 34--Weighted average cost per ton for cleaning peanuts, Virginia-Carolina Virginias, by type of facility, 1971/72

Cost item	Warehouse			
	Sheller	Independ- ent	Sheller's buying station	All facilities
	<u>Dollars</u>			
Fixed:				
Insurance	0.052	0.071	0.025	0.048
Taxes .....	.020	.042	.014	.021
Leases and rent .....	.021	.069	.020	.025
Depreciation:				
Book .....	.478	.884	.650	.546
Standard .....	.453	1.446	.667	.578
Interest on capital investment:				
Book .....	.031	.041	.035	.033
Standard .....	.190	.586	.291	.243
Total fixed:				
Book .....	.602	1.107	.744	.673
Standard .....	.736	2.214	1.017	.915
Variable:				
Direct labor .....	.457	2.895	1.441	.857
Management and office .....	.572	3.623	.765	.860
Wage and salary overhead .....	.102	.579	.196	.160
Home office .....	.364	<u>1/</u>	.074	.275
Repairs and maintenance .....	.261	.996	.419	.353
Utilities .....	.173	.659	.242	.227
Drier fuel	--	--	--	--
Interest on working capital:				
Book .....	.042	.104	.039	.046
Standard .....	.050	.195	.070	.066
Other .....	.182	.274	.146	.182
Total variable:				
Book	2.153	9.130	3.322	2.960
Standard	2.161	9.221	3.353	2.980
Total:				
Book	2.755	10.237	4.066	3.633
Standard	2.897	11.435	4.370	3.895

-- = Not applicable.

1/ None.

Storage costs are directly related to length of storage and capacity utilized. Tables 36 through 46 were developed as linear costs from total costs of operating peanut storage warehouses. To determine the average ton-month cost of peanut storage over a given time, the total length of storage should be used along with the average percentage of capacity utilized. Table 35 presents standardized cost of storage at 50 percent of capacity over a 12-month period. This would represent a warehouse being filled to 100 percent of capacity with peanuts being loaded out evenly over a 12-month period. This situation would probably represent the least cost situation but, for illustration purposes, standardizes all costs associated with storage.

Costs for storing runners in the Southeast are \$0.436 for the sheller and \$0.614 for independent warehouses. Spanish storage costs are \$0.462 per ton for both Southeast and Southwest shellers. For independents, the cost is \$0.644 in the Southeast and \$0.482 in the Southwest.

Virginia peanut storage costs have the greatest variance. Sheller storage costs are \$0.571 in the Southeast and \$0.400 in the Virginia-Carolina area. Virginias stored in independent warehouses have a much higher cost, \$0.809 and \$0.945, respectively, in the Southeast and Virginia-Carolina areas. Costs for sheller buying stations are shown for the Virginia-Carolina area only and total \$1.075.

Table 35--Average standardized storage cost per ton-month using a 12-month storage period and 50-percent capacity utilization, all areas and all types of facilities, 1971/72

Area and type of facility	Runners	Spanish	Virginias
		<u>Dollars</u>	
Southeast:			
Sheller	0.436	0.462	0.571
Independent .....	.614	.644	.809
Southwest:			
Sheller .....		.462	
Independent .....		.482	
Virginia-Carolina:			
Sheller .....			.400
Independent .....			.945
Buying station			1.075

Table 36--Standardized average storage cost per ton-month by average capacity utilized and length of storage for runners, Southeast shellers, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	26.1710	13.0855	8.7237	6.5428	5.2342	4.3618	3.7387	3.2714	2.9079	2.6171
2	13.0860	6.5430	4.3620	3.2715	2.6172	2.1810	1.8694	1.6358	1.4540	1.3086
3	8.7240	4.3620	2.9080	2.1810	1.7448	1.4540	1.2463	1.0905	.9693	.8724
4	6.5430	3.2715	2.1810	1.6358	1.3086	1.0905	.9347	.8179	.7270	.6543
5	5.2340	2.6170	1.7447	1.3085	1.0468	.8723	.7477	.6542	.5816	.5234
6	4.3620	2.1810	1.4540	1.0905	.8724	.7270	.6231	.5452	.4847	.4362
7	3.7390	1.8695	1.2463	.9348	.7478	.6232	.5341	.4674	.4154	.3739
8	3.2710	1.6355	1.0903	.8178	.6542	.5452	.4673	.4089	.3634	.3271
9	2.9080	1.4540	.9693	.7270	.5816	.4847	.4154	.3635	.3231	.2908
10	2.6170	1.3085	.8723	.6542	.5234	.4362	.3738	.3271	.2908	.2617
11	2.3790	1.1895	.7930	.5948	.4758	.3965	.3398	.2974	.2643	.2379
12	2.1810	1.0905	.7270	.5452	.4362	.3635	.3116	.2726	.2423	.2181

Table 37--Standardized average storage cost per ton-month by average capacity utilized and length of storage for runners, Southeast independents, 1971/72

Months in storage	Average percent of capacity utilized											
	10	20	30	40	50	60	70	80	90	100		
	<u>Dollars</u>											
1	36.8270	18.4135	12.2757	9.2068	7.3654	6.1378	5.2610	4.6034	4.0919	3.6827		
2	18.4140	9.2070	6.1380	4.6035	3.6828	3.0690	2.6306	2.3018	2.0460	1.8414		
3	12.2760	6.1380	4.0920	3.0690	2.4552	2.0460	1.7537	1.5345	1.3640	1.2276		
4	9.2070	4.6035	3.0690	2.3018	1.8414	1.5345	1.3153	1.1509	1.0230	.9207		
5	7.3650	3.6825	2.4550	1.8412	1.4730	1.2275	1.0521	.9206	.8183	.7365		
6	6.1370	3.0685	2.0457	1.5342	1.2274	1.0228	.8767	.7671	.6819	.6137		
7	5.2610	2.6305	1.7537	1.3152	1.0522	.8768	.7516	.6576	.5846	.5261		
8	4.6030	2.3015	1.5343	1.1508	.9206	.7672	.6576	.5754	.5114	.4603		
9	4.0920	2.0460	1.3640	1.0230	.8184	.6820	.5846	.5115	.4547	.4092		
10	3.6830	1.8415	1.2277	.9208	.7366	.6138	.5261	.4604	.4092	.3683		
11	3.3480	1.6740	1.1160	.8370	.6696	.5580	.4783	.4185	.3720	.3348		
12	3.0690	1.5345	1.0230	.7672	.6138	.5115	.4384	.3836	.3410	.3069		

Table 38--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Spanish, Southeast shellers, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	27.7000	13.8500	9.2333	6.9250	5.5400	4.6167	3.9571	3.4625	3.0778	2.7700
2	13.8500	6.9250	4.6167	3.4625	2.7700	2.3083	1.9786	1.7312	1.5389	1.3850
3	9.2330	4.6165	3.0777	2.3082	1.8466	1.5388	1.3190	1.1541	1.0259	.9233
4	6.9250	3.4625	2.3083	1.7312	1.3850	1.1542	.9893	.8656	.7694	.6925
5	5.5400	2.7700	1.8467	1.3850	1.1080	.9233	.7914	.6925	.6156	.5540
6	4.6170	2.3085	1.5390	1.1542	.9234	.7695	.6596	.5771	.5130	.4617
7	3.9570	1.9785	1.3190	.9892	.7914	.6595	.5653	.4946	.4397	.3957
8	3.4620	1.7310	1.1540	.8655	.6924	.5770	.4946	.4328	.3847	.3462
9	3.0780	1.5390	1.0260	.7695	.6156	.5130	.4397	.3848	.3420	.3078
10	2.7700	1.3850	.9233	.6925	.5540	.4617	.3957	.3462	.3078	.2770
11	2.5180	1.2590	.8393	.6295	.5036	.4197	.3597	.3148	.2798	.2518
12	2.3080	1.1540	.7693	.5770	.4616	.3847	.3297	.2885	.2564	.2308

Table 39--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Spanish, Southeast independents, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	38.6680	19.3340	12.8893	9.6670	7.7336	6.4447	5.5240	4.8335	4.2964	3.8668
2	19.3340	9.6670	6.4447	4.8335	3.8668	3.2223	2.7620	2.4168	2.1482	1.9334
3	12.8890	6.4445	4.2963	3.2222	2.5778	2.1482	1.8413	1.6111	1.4321	1.2889
4	9.6670	4.8335	3.2223	2.4168	1.9334	1.6112	1.3810	1.2084	1.0741	.9667
5	7.7340	3.8670	2.5780	1.9335	1.5468	1.2890	1.1048	.9668	.8593	.7734
6	6.4450	3.2225	2.1483	1.6112	1.2890	1.0742	.9207	.8056	.7161	.6445
7	5.5240	2.7620	1.8413	1.3810	1.1048	.9207	.7891	.6905	.6138	.5524
8	4.8340	2.4170	1.6113	1.2085	.9668	.8057	.6906	.6042	.5371	.4834
9	4.2960	2.1480	1.4320	1.0740	.8592	.7160	.6137	.5370	.4773	.4296
10	3.8670	1.9335	1.2890	.9668	.7734	.6445	.5524	.4834	.4297	.3867
11	3.5150	1.7575	1.1717	.8788	.7030	.5858	.5021	.4394	.3906	.3515
12	3.2220	1.6110	1.0740	.8055	.6444	.5370	.4603	.4028	.3580	.3222

Table 40--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Virginias, Southeast shellers, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	34.2570	17.1285	11.4190	8.5642	6.8514	5.7095	4.8938	4.2821	3.8063	3.4257
2	17.1280	8.5640	5.7093	4.2820	3.4256	2.8547	2.4468	2.1410	1.9031	1.7128
3	11.4180	5.7090	3.8060	2.8545	2.2836	1.9030	1.6311	1.4272	1.2687	1.1418
4	8.5640	4.2820	2.8547	2.1410	1.7128	1.4273	1.2234	1.0705	.9516	.8564
5	6.8510	3.4255	2.2837	1.7128	1.3702	1.1418	.9787	.8564	.7612	.6851
6	5.7090	2.8545	1.9030	1.4272	1.1418	.9515	.8156	.7136	.6343	.5709
7	4.8940	2.4470	1.6313	1.2235	.9788	.8157	.6991	.6118	.5438	.4894
8	4.2820	2.1410	1.4273	1.0705	.8564	.7137	.6117	.5352	.4758	.4282
9	3.8060	1.9030	1.2687	.9515	.7612	.6343	.5437	.4758	.4229	.3806
10	3.4260	1.7130	1.1420	.8565	.6852	.5710	.4894	.4282	.3807	.3426
11	3.1140	1.5570	1.0380	.7785	.6228	.5190	.4449	.3892	.3460	.3114
12	2.8550	1.4275	.9517	.7138	.5710	.4758	.4078	.3569	.3172	.2855

Table 41--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Virginias, Southeast independents, 1971/72

Months in storage	Average percent of capacity utilized											
	10	20	30	40	50	60	70	80	90	100		
	<u>Dollars</u>											
1	48.5210	24.2605	16.1737	12.1302	9.7042	8.0863	6.9316	6.0652	5.3912	4.8521		
2	24.2610	12.1305	8.0870	6.0652	4.8522	4.0435	3.4658	3.0326	2.6957	2.4261		
3	16.1740	8.0870	5.3913	4.0435	3.2348	2.6957	2.3106	2.0218	1.7971	1.6174		
4	12.1300	6.0650	4.0433	3.0325	2.4260	2.0217	1.7328	1.5162	1.3478	1.2130		
5	9.7040	4.8520	3.2347	2.4260	1.9408	1.6173	1.3863	1.2130	1.0782	.9704		
6	8.0870	4.0435	2.6957	2.0218	1.6174	1.3478	1.1553	1.0109	.8986	.8087		
7	6.9320	3.4660	2.3107	1.7330	1.3864	1.1553	.9903	.8665	.7702	.6932		
8	6.0650	3.0325	2.0217	1.5162	1.2130	1.0108	.8664	.7851	.6739	.6065		
9	5.3910	2.6955	1.7970	1.3478	1.0782	.8985	.7701	.6739	.5990	.5391		
10	4.8520	2.4260	1.6173	1.2130	.9704	.8087	.6931	.6065	.5391	.4852		
11	4.4110	2.2055	1.4703	1.1028	.8822	.7352	.6301	.5514	.4901	.4411		
12	4.0430	2.0215	1.3477	1.0108	.8086	.6738	.5776	.5054	.4492	.4043		

Table 42--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Spanish, Southwest shellers, 1971/72

Months in storage	Average percent of capacity utilized											
	10	20	30	40	50	60	70	80	90	100		
	<u>Dollars</u>											
1	27.7190	13.8595	9.2397	6.9298	5.5438	4.6198	3.9598	3.4649	3.0799	2.7719		
2	13.8600	6.9300	4.6200	3.4650	2.7720	2.3100	1.9800	1.7325	1.5400	1.3860		
3	9.2400	4.6200	3.0800	2.3100	1.8480	1.5400	1.3200	1.1550	1.0267	.9240		
4	6.9300	3.4650	2.3100	1.7325	1.3860	1.1550	.9900	.8662	.7700	.6930		
5	5.5440	2.7720	1.8480	1.3860	1.1088	.9240	.7920	.6930	.6160	.5544		
6	4.6200	2.3100	1.5400	1.1550	.9240	.7700	.6600	.5775	.5133	.4620		
7	3.9600	1.9800	1.3200	.9900	.7920	.6600	.5657	.4950	.4400	.3960		
8	3.4650	1.7325	1.1550	.8662	.6930	.5775	.4950	.4331	.3850	.3465		
9	3.0800	1.5400	1.0267	.7700	.6160	.5133	.4400	.3850	.3422	.3080		
10	2.7720	1.3860	.9240	.6930	.5544	.4620	.3960	.3465	.3080	.2772		
11	2.5200	1.2600	.8400	.6300	.5040	.4200	.3600	.3150	.2800	.2520		
12	2.3100	1.1550	.7700	.5775	.4620	.3850	.3300	.2888	.2567	.2310		

Table 43--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Spanish, Southwest independents, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	34.6630	17.3315	11.5543	8.6658	6.9326	5.7772	4.9518	4.3329	3.8514	3.4663
2	17.3320	8.6660	5.7773	4.3330	3.4664	2.8887	2.4760	2.1665	1.9258	1.7332
3	11.5540	5.7770	3.8513	2.8885	2.3108	1.9257	1.6506	1.4442	1.2838	1.1554
4	8.6660	4.3330	2.8887	2.1665	1.7332	1.4443	1.2380	1.0832	.9629	.8666
5	6.9330	3.4665	2.3110	1.7332	1.3866	1.1555	.9904	.8666	.7703	.6933
6	5.7770	2.8885	1.9257	1.4442	1.1554	.9628	.8253	.7221	.6419	.5777
7	4.9520	2.4760	1.6507	1.2380	.9904	.8253	.7074	.6190	.5502	.4952
8	4.3330	2.1665	1.4443	1.0832	.8666	.7222	.6190	.5416	.4814	.4333
9	3.8510	1.9255	1.2837	.9628	.7702	.6418	.5501	.4814	.4279	.3851
10	3.4660	1.7330	1.1553	.8665	.6932	.5777	.4951	.4332	.3851	.3466
11	3.1510	1.5755	1.0503	.7878	.6302	.5252	.4501	.3939	.3501	.3151
12	2.8890	1.4445	.9630	.7222	.5778	.4815	.4127	.3611	.3210	.2889

Table 44--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Virginias, Virginia-Carolina shellers, 1971/72

Months in storage	Average percent of capacity utilized											
	10	20	30	40	50	60	70	80	90	100		
	Dollars											
1	23.9860	11.9930	7.9953	5.9965	4.7972	3.9977	3.4266	2.9982	2.6651	2.3986		
2	11.9930	5.9965	3.9977	2.9982	2.3986	1.9988	1.7133	1.4991	1.3326	1.1993		
3	7.9950	3.9975	2.6650	1.9988	1.5990	1.3325	1.1421	.9994	.8883	.7995		
4	5.9960	2.9980	1.9987	1.4990	1.1992	.9993	.8566	.7495	.6662	.5996		
5	4.7970	2.3985	1.5990	1.1992	.9594	.7995	.6853	.5996	.5330	.4797		
6	3.9980	1.9990	1.3327	.9995	.7996	.6663	.5711	.4998	.4442	.3998		
7	3.4270	1.7135	1.1423	.8568	.6854	.5712	.4896	.4284	.3808	.3427		
8	2.9980	1.4990	.9993	.7495	.5996	.4997	.4283	.3748	.3331	.2998		
9	2.6650	1.3325	.8883	.6662	.5330	.4442	.3807	.3331	.2961	.2665		
10	2.3990	1.1995	.7997	.5998	.4798	.3998	.3427	.2999	.2666	.2399		
11	2.1800	1.0900	.7267	.5450	.4360	.3633	.3114	.2725	.2422	.2180		
12	1.9990	.9995	.6663	.4998	.3998	.3332	.2856	.2499	.2221	.1999		

Table 45--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Virginias, Virginia-Carolina independents, 1971/72

Months in storage	Average percent of capacity utilized									
	10	20	30	40	50	60	70	80	90	100
	<u>Dollars</u>									
1	56.7020	28.3510	18.9007	14.1755	11.3404	9.4503	8.1003	7.0878	6.3002	5.6702
2	28.3510	14.1755	9.4503	7.0878	5.6702	4.7252	4.0501	3.5439	3.1501	2.8351
3	18.9010	9.4505	6.3003	4.7252	3.7802	3.1502	2.7001	2.3626	2.1001	1.8901
4	14.1760	7.0880	4.7253	3.5440	2.8352	2.3627	2.0251	1.7720	1.5751	1.4176
5	11.3400	5.6700	3.7800	2.8350	2.2680	1.8900	1.6200	1.4175	1.2600	1.1340
6	9.4500	4.7250	3.1500	2.3625	1.8900	1.5750	1.3500	1.1812	1.0500	.9450
7	8.1000	4.0500	2.7000	2.0250	1.6200	1.3500	1.1571	1.0125	.9000	.8100
8	7.0880	3.5440	2.3627	1.7720	1.4176	1.1813	1.0126	.8860	.7876	.7088
9	6.3000	3.1500	2.1000	1.5750	1.2600	1.0500	.9000	.7875	.7000	.6300
10	5.6700	2.8350	1.8900	1.4175	1.1340	.9450	.8100	.7088	.6300	.5670
11	5.1550	2.5775	1.7183	1.2888	1.0310	.8592	.7364	.6444	.5728	.5155
12	4.7250	2.3625	1.5750	1.1812	.9450	.7875	.6750	.5906	.5250	.4725

Table 46--Standardized average storage cost per ton-month by average capacity utilized and length of storage for Virginias, Virginia-Carolina sheller buying station, 1971/72

Months in storage	Average percent of capacity utilized											
	10	20	30	40	50	60	70	80	90	100		
	<u>Dollars</u>											
1	64.4880	32.2440	21.4960	16.1220	12.8976	10.7480	9.2126	8.0610	7.1653	6.4488		
2	32.2440	16.1220	10.7480	8.0610	6.4488	5.3740	4.6063	4.0305	3.5827	3.2244		
3	21.4960	10.7480	7.1653	5.3740	4.2992	3.5827	3.0708	2.6870	2.3884	2.1496		
4	16.1220	8.0610	5.3740	4.0305	3.2244	2.6870	2.3031	2.0152	1.7913	1.6122		
5	12.8980	6.4490	4.2993	3.2245	2.5796	2.1497	1.8426	1.6122	1.4331	1.2898		
6	10.7480	5.3740	3.5827	2.6870	2.1496	1.7913	1.5354	1.3435	1.1942	1.0748		
7	9.2120	4.6060	3.0707	2.3030	1.8424	1.5353	1.3160	1.1515	1.0236	.9212		
8	8.0610	4.0305	2.6870	2.0152	1.6122	1.3435	1.1516	1.0076	.8957	.8061		
9	7.1650	3.5825	2.3883	1.7912	1.4330	1.1942	1.0236	.8956	.7961	.7165		
10	6.4490	3.2245	2.1497	1.6122	1.2898	1.0748	.9213	.8061	.7166	.6449		
11	5.8620	2.9310	1.9540	1.4655	1.1724	.9770	.8374	.7328	.6513	.5862		
12	5.3740	2.6870	1.7913	1.3435	1.0748	.8957	.7677	.6718	.5971	.5374		

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