

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



# CROPS AND MARKETS

Published Weekly by the  
United States Department of Agriculture

CERTIFICATE: By direction of the Secretary of Agriculture the matter contained herein is published as statistical information and is required for the proper transaction of the public business. Free distribution is limited to copies "necessary in the transaction of public business required by law." Subscription price \$1 per year (foreign rate \$2) payable in cash or money order to the Superintendent of Documents, Government Printing Office, Washington, D. C.

WASHINGTON, D. C., June, 1924

Volume No. 1, Supplement No. 6

## In This Issue

	Page		Page
Condition of cotton, May 25.....	170	<b>Fruits and vegetables, market reviews:</b>	
Cost of producing field crops, 1923.....	176	Apple market season.....	200
Gross value of crops per acre, 1921 and 1922.....	182	Carload shipments, April, by States.....	198
<b>Crops:</b>		Carload shipments of citrus fruits, April.....	199
Acreage—		Inspections during April.....	199
Durum wheat in principal producing States....	177	Peach supply of New York and Chicago.....	199
Peas for manufacture, preliminary for 1924, harvested in 1920-1923.....	175	Strawberry supply and sources, for New York and Chicago.....	174
Watermelons, commercial, estimate for early States and intended for the late States.....	175	<b>Grain:</b>	
Sugar cane, 1922-1924.....	172	Inspections of wheat for export.....	202
Sugar cane in Louisiana.....	182	Receipts of inspected grain (wheat, shelled corn, and oats).....	203
Acreage and production of commercial asparagus, strawberries and tomatoes for table use.....	175	Wheat and wheat flour: Exports during April.....	207
Condition, June 1—		<b>Seeds:</b>	
Cowpeas and soy beans in Southern States....	172	Imports of forage plant seeds, May.....	201
Florida and California crops.....	177	Retail prices of seeds, June 7.....	202
General averages by States and by crops.....	173	<b>Cotton:</b>	
Specified crops by States: Wheat, winter and spring, oats, barley, rye, hay, by kinds, pasture, apples, peaches, pears, blackberries, and melons.....	172	American cotton consumption.....	205
Production, 1923, of sugar and sirup in Louisiana..	182	Imports of foreign cotton.....	205
Summary for June.....	171	Price variations on the future markets (chart)....	295
<b>Livestock and livestock products:</b>		Stocks of Government-classed cotton at future markets.....	205
Classification of livestock slaughtered.....	193	Supply and distribution of cotton in America.....	205
Hides and skins: April report.....	184	<b>Foreign crops and markets:</b>	
Livestock and meat situation, April.....	135	Meat imports of the United Kingdom.....	206
Livestock inspected at markets for shipment to country, April (feeding stock).....	188	Review of world agriculture, May 15-June 15.....	206
Monthly meat supplies at three eastern markets....	188	<b>Prices:</b>	
Per capita consumption of Federally inspected meats.....	184	Corn-hog ratios, 1910-1924 (table and chart).....	180
Sale prices of purebred animals, July-December, 1923: Draft horses, beef cattle, dairy cattle, hogs, and sheep and prices of 1922 and 1923 compared....	189	Farm prices of important products, May 15.....	178
Receipts and disposition at public stockyards, May, 1924, at 67 markets, and summary.....	184	Price movements of agricultural products (chart)....	208
Slaughter under Federal inspection.....	184	Prices of articles bought by farmers, 1923 and 1924..	181
Sources of livestock slaughtered.....	193	Prices paid by farmers for flour, sugar, kerosene, and gasoline on April 15, 1923 and 1924, by States....	170
Yield and production of animal by-products from slaughter under Federal inspection, April.....	188	Prices received by producers, May 15, 1913-1924....	178
<b>Dairy and poultry products:</b>			
Canned milk: Stocks and exports, and prices.....	193		
Fluid milk: Market report for May.....	195		
Foreign trade of the United States (in butter, casein, cheese, milk, and oleomargarin).....	207		
Production of manufactured dairy products and oleomargarin, 1923—			
By months.....	194		
By States.....	196		
<b>Cold storage holdings, May 1.....</b>	<b>183</b>		

## Time of Issuance and Scope of July Crop Reports

The United States Department of Agriculture will issue on Wednesday, July 2, at 12.30 p. m., eastern standard time, a report on the acreage of cotton this year and the condition of the cotton crop as of June 25; on Monday, July 21, at 11 a. m., a report will be issued on the condition of the cotton crop.

On Wednesday, July 9, at 2.15 p. m., eastern standard time, the department will issue a summary of the acreage, condition on July 1, and forecast of production of corn, white potatoes, sweet potatoes, flax, and tobacco; a report on the condition and forecast of production of winter wheat, spring wheat, oats, barley, rye, hay, apples, and peaches, and a report on the stocks of wheat on farms on July 1.

A supplemental report will be issued on Monday, July 9, at 2.15 p. m., eastern standard time, showing the condition on July 1 of the following crops: Timothy hay, clover hay, alfalfa hay, pastures, grain sorghum, broom corn, sorghum cane for sirup, hops, peanuts, edible beans, lima beans, grapes, pears, blackberries and raspberries, melons, oranges, lemons, pineapples, limes, grapefruit, cherries, apricots, prunes, figs, plums, olives, almonds, and walnuts. An index of general crop conditions on July 1 in each State will also be issued.

### Cotton Crop Report for May 25

For the date of May 25, the department estimates, from the reports and data furnished by crop correspondents, field statisticians, and cooperating State boards (or departments) of agriculture, that the condition of the cotton crop on May 25 was 65.6% of a normal, compared with 71.0% on May 25, 1923, 69.6% on May 25, 1922, 66.0% on May 25, 1921, and 72.8% the average of the past 10 years on May 25. An estimate of acreage this year will be included in the July 2 cotton report.

The season is late this year throughout most of the Cotton Belt, though not quite so late as it was last year. Correspondents report that plantings are about a week to 10 days late, this situation being quite general. The early part of the season permitted advancement in plantings in the early States, but April and May have been extremely unfavorable, since the low temperatures, persistent rainfall, and cold nights interfered with both the progress of the plantings and the necessary field work.

Chopping is from 10 days to two weeks late over most of the Belt. Much loss of planted seed has resulted from the cold weather and lack of sunshine, leading to replanting and to imperfect stands. Owing to shortage of good seed in many portions of the Belt, it was necessary in many cases to replant with

#### Condition of Cotton Crop, May 25

State	Condition, May 25 (100=normal)				
	1924	1923	1922	1921	10-year average
	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>
Virginia.....	62	79	91	77	83
North Carolina.....	71	77	84	65	76
South Carolina.....	68	64	67	58	70
Georgia.....	68	65	71	63	72
Florida.....	77	87	85	60	76
Alabama.....	70	70	80	57	72
Mississippi.....	69	70	75	60	75
Louisiana.....	70	68	70	57	74
Texas.....	66	77	61	71	72
Arkansas.....	58	66	76	70	74
Tennessee.....	54	70	79	69	75
Missouri.....	52	54	90	75	77
Oklahoma.....	58	63	67	74	73
California.....	91	93	84	75	88
Arizona.....	90	92	81	84	85
New Mexico.....	89	90	73	95	
All other.....					
United States total.....	65.5	71.0	69.6	66.0	72.8

<sup>1</sup> Five-year average.

#### REVISED ESTIMATES OF COTTON ACREAGE AND YIELD PER ACRE, 1923

State	Area planted (in cultivation end of June), 1923, revised	Area picked 1923, revised	Yield per acre, 1923, revised
	<i>Acres</i>	<i>Acres</i>	<i>Lbs., lint.</i>
Virginia.....	74,000	74,000	325
North Carolina.....	1,687,000	1,679,000	290
South Carolina.....	2,005,000	1,965,000	187
Georgia.....	3,844,000	3,421,000	82
Florida.....	171,000	147,000	40
Alabama.....	3,190,000	3,079,000	91
Mississippi.....	3,392,000	3,170,000	91
Louisiana.....	1,464,000	1,405,000	125
Texas.....	14,440,000	14,150,000	147
Arkansas.....	3,120,000	3,026,000	98
Tennessee.....	1,221,000	1,172,000	92
Missouri.....	394,000	355,000	171
Oklahoma.....	3,400,000	3,197,000	98
California <sup>1</sup> .....	235,000	233,000	285
Arizona.....	130,000	127,000	292
New Mexico.....	70,000	60,000	230
All other.....	22,000	20,000	153
United States total <sup>1</sup> .....	38,709,000	37,130,000	130.6

<sup>1</sup> About 150,000 acres planted and 150,000 acres picked in Lower California (Old Mexico) included in California figures, but excluded from United States total.

<sup>2</sup> Including 10,000 acres of Arizona Egyptian (Pima) long-staple cotton.

gin-run seed and that obtained from oil mills, so that the late plantings have a greater handicap than usual.

The ample subsoil moisture in the western portion of the Belt should prove favorable if warm, dry, and sunshiny weather should come later. The boll weevil is reported to be present rather generally over the Belt and is more numerous than usual in Texas. It is less in evidence elsewhere in most of the Belt than last year. Plant lice are very numerous and are helping to weaken the plants. More fertilizer is being used in all portions of the Belt, and it is reported to be better in quality than it was last year, although the price is lower, especially where cash is paid.

Work stock is in rather poor condition throughout most of the South because of a shortage of feedstuffs resulting from the poor corn and hay crops of last year and the failure of the winter oats crop, which had been depended upon for feeding this spring.

#### Prices of Flour and Sugar, Kerosene and Gasoline

[The average prices paid by farmers for flour and sugar, kerosene and gasoline, April 15, 1923, and 1924, according to reports from correspondents of the department]

State and division.	Flour, per 24-pound sack, Apr. 15—		Sugar, per pound, Apr. 15—		Kerosene, per gallon, Apr. 15—		Gasoline, per gallon, Apr. 15—	
	1923	1924	1923	1924	1923	1924	1923	1924
	<i>Dols.</i>	<i>Dols.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>
Maine.....	1.14	1.00	10.8	10.4	19	18	28	24
New Hampshire.....	1.16	1.07	10.8	9.8	19	19	28	25
Vermont.....	1.14	1.05	10.6	10.1	17	18	28	24
Massachusetts.....	1.22	1.16	10.3	9.8	20	18	28	22
Rhode Island.....	1.14	1.11	10.8	10.0	18	18	26	22
Connecticut.....	1.20	1.05	10.1	9.6	18	18	28	23
New York.....	1.19	1.06	10.3	9.8	17	17	27	22
New Jersey.....	1.15	1.07	9.7	9.4	17	17	26	22
Pennsylvania.....	1.07	.98	10.4	9.8	17	18	28	25
North Atlantic.....	1.16	1.05	10.4	9.9	17.8	17.8	27.5	23.4
Delaware.....	1.13	.99	10.3	9.6	16	16	25	24
Maryland.....	1.11	.99	9.9	9.8	18	17	28	24
Virginia.....	1.05	.95	11.4	10.7	19	18	28	25
West Virginia.....	1.09	1.05	11.5	11.4	23	21	29	26
North Carolina.....	1.11	.99	11.4	11.1	18	19	30	26
South Carolina.....	1.07	.96	11.3	10.4	18	19	28	24
Georgia.....	1.13	1.02	11.2	10.6	20	20	25	26
Florida.....	1.28	1.19	11.7	11.5	19	19	26	27
South Atlantic.....	1.14	1.02	11.3	10.8	19.6	19.1	27.1	25.5
Ohio.....	1.05	.94	10.5	10.4	16	17	23	22
Indiana.....	1.03	.93	10.7	10.3	15	15	23	22
Illinois.....	1.10	.99	10.7	10.4	15	15	23	21
Michigan.....	1.06	.96	10.9	10.4	15	16	24	21
Wisconsin.....	1.06	1.00	10.8	10.4	16	16	25	22
E. No. Central.....	1.06	.97	10.7	10.4	15.3	15.5	23.9	21.8
Minnesota.....	1.11	1.01	11.0	10.6	17	17	24	22
Iowa.....	1.12	1.08	11.0	10.5	15	15	23	21
Missouri.....	.99	.90	10.9	10.7	15	16	24	21
North Dakota.....	1.14	1.04	11.5	11.2	21	19	30	25
South Dakota.....	1.11	1.07	11.1	10.8	17	18	26	25
Nebraska.....	1.02	.91	10.9	10.7	16	16	24	22
Kansas.....	.96	.88	11.2	10.5	14	15	24	20
W. No. Central.....	1.05	.98	11.1	10.7	16.5	16.2	24.6	22.0
Kentucky.....	1.13	1.01	11.3	11.0	20	19	28	24
Tennessee.....	1.16	1.03	11.1	11.0	20	19	26	25
Alabama.....	1.16	1.08	11.1	10.8	20	20	27	25
Mississippi.....	1.21	1.06	11.5	10.7	18	17	26	23
Louisiana.....	1.15	1.05	11.5	11.2	17	16	23	22
Texas.....	1.06	.97	11.2	10.9	16	16	23	21
Oklahoma.....	.98	.89	10.9	10.6	14	15	23	24
Arkansas.....	1.05	.93	11.3	10.8	18	17	27	26
South Central.....	1.12	1.00	11.3	10.9	18.3	17.3	25.6	23.5
Montana.....	1.05	1.00	11.7	11.9	24	23	31	28
Wyoming.....	1.05	.97	11.5	12.2	25	23	29	29
Colorado.....	.92	.92	11.6	11.0	21	20	27	26
New Mexico.....	1.01	.98	12.3	11.6	22	21	31	27
Arizona.....	1.08	1.01	12.0	11.7	26	28	27	27
Utah.....	.87	.83	11.6	11.3	28	27	28	32
Nevada.....	.95	1.02	11.0	11.5	25	28	27	26
Idaho.....	.98	.82	11.2	11.0	24	26	29	28
Washington.....	1.08	.94	10.9	10.6	23	25	25	24
Oregon.....	1.16	.94	11.1	10.8	24	22	28	24
California.....	1.20	1.07	11.0	10.3	21	20	21	20
Far Western.....	1.03	.95	11.4	11.2	23.0	23.5	27.5	26.8
United States.....	1.10	1.00	11.0	10.6	18.1	17.9	25.9	23.7

United States Crop Summary for June

Crop particulars	Average, 1915-1919	1919	1920	1921	1922	1923	1924
<b>Winter wheat:</b>							
Acres for harvest (1924 preliminary) .....	38, 180, 000	50, 494, 000	40, 016, 000	43, 414, 000	42, 358, 000	39, 522, 000	36, 898, 000
Condition June 1 .....	81.7	94.9	78.2	77.9	81.9	76.3	74.0
Production (1924 forecast), bushels .....	578, 573, 000	760, 377, 000	610, 597, 000	600, 316, 000	586, 878, 000	572, 340, 000	503, 319, 000
<b>Spring wheat:</b>							
Acres for harvest (1924 preliminary) .....	20, 370, 000	25, 200, 000	21, 127, 600	20, 282, 000	19, 959, 000	18, 786, 000	16, 920, 000
Condition June 1 .....	92.2	91.2	89.1	93.4	90.7	90.2	82.3
Production (1924 forecast), bushels .....	259, 063, 000	207, 602, 000	222, 430, 000	214, 589, 000	280, 720, 000	213, 401, 000	183, 831, 000
All wheat: Production (1923 forecast) .....	837, 638, 000	967, 979, 000	833, 027, 000	814, 905, 000	867, 598, 000	785, 741, 000	693, 150, 000
<b>Oats:</b>							
Acres for harvest (1924 preliminary) .....	42, 157, 000	40, 359, 000	42, 491, 000	45, 495, 000	40, 790, 000	40, 833, 000	41, 625, 000
Condition June 1 .....	90.9	93.2	87.8	85.7	85.5	85.6	83.0
Production (1924 forecast), bushels .....	1, 423, 152, 000	1, 184, 030, 000	1, 496, 281, 000	1, 078, 341, 000	1, 215, 803, 000	1, 209, 823, 000	1, 231, 728, 000
<b>Barley:</b>							
Acres for harvest (1924 preliminary) .....	8, 060, 000	6, 720, 000	7, 600, 000	7, 414, 000	7, 317, 000	7, 905, 000	7, 558, 000
Condition June 1 .....	90.5	91.7	87.6	87.1	90.1	89.0	79.5
Production (1924 forecast), bushels .....	205, 350, 000	147, 608, 000	189, 332, 000	154, 946, 000	182, 068, 000	198, 185, 000	160, 070, 000
<b>Rye:</b>							
Acres for harvest (1924 preliminary) .....	4, 671, 000	6, 307, 000	4, 409, 000	4, 528, 000	6, 672, 000	5, 157, 000	4, 337, 000
Condition June 1 .....	88.1	93.5	84.4	90.3	92.5	81.1	87.4
Production (1924 forecast), bushels .....	66, 474, 000	75, 483, 000	60, 490, 000	61, 675, 000	103, 362, 000	63, 023, 000	62, 461, 000
Hay (all): Condition June 1 .....	89.7	94.1	88.8	85.0	91.1	84.4	83.0
Flover hay: Condition June 1 .....	89.1	92.8	87.5	81.5	92.3	79.2	83.4
Alfalfa hay: Condition June 1 .....	91.5	96.9	92.7	87.9	93.2	92.5	86.7
Pastures: Condition June 1 .....	91.7	97.4	88.8	90.1	93.8	84.8	82.2
Cotton: Condition May 25 .....	77.0	75.6	62.4	66.0	69.6	71.0	65.6
Apples: Condition June 1 .....	71.5	67.8	79.3	42.2	72.8	75.5	74.0
Peaches: Condition June 1 .....	63.4	73.1	64.9	45.6	77.1	66.7	72.7
Pears: Condition June 1 .....	68.4	66.3	73.4	43.8	72.8	68.6	71.3
Blackberries, etc.: Condition June 1 .....	88.0	93.9	88.1	86.8	92.6	88.2	89.4
Melons: Condition June 1 .....	81.7	81.2	78.6	81.3	84.6	79.2	76.0

May Was Bad Month for Crops

The crop report of the department for the date of June 1, issued June 9, gives a measure of the extent of the harm to crops by the unfavorable weather of May. According to preliminary reports received by the Weather Bureau, the average temperature during May was 5° to 6° below normal in most of the Corn Belt States, from 1° to 4° below normal in most of the Cotton Belt, and 3° or more above normal in the Pacific Coast States. In most of the country east of the Rocky Mountains it was the coldest May for 30 years, with the exception of 1907 and 1917, in both of which years June also was cool. In the Pacific Coast States May was warmer than any other May on record excepting in 1897.

As a result of the low average temperature in the Central and Eastern States the sowing of spring grain has been delayed, especially in some of the States which have suffered from unusually heavy and frequent rainfall. Much replanting has been necessary and there have been many changes from acreages which farmers expected to grow.

On June 1, the sowing of oats and barley was still in progress in portions of the Northern States, and the estimates of the acreage of these crops include all land which will be planted in time to be harvested for grain.

On the Pacific coast, unseasonably warm weather, combined with drought, has caused a great decline in the prospect for spring grain. In California more than half a million acres of oats and barley, intended for grain, will be cut for hay, or abandoned.

**Spring grains.**—As a result of the unfavorable weather for spring grain in practically all parts of the country, the condition of spring wheat on June 1 was 82.3% of normal. This is 5% lower than any June 1 condition during the last 30 years for which comparable figures are available. The condition of oats is also the lowest on record for this month, except in 1907. The condition of barley is the lowest for this month, except for 1898.

It should, however, be remembered that seeding has been so late in many States that favorable weather from now on may cause a very material change in prospects. In some years of late seeding, yields have been unexpectedly good.

**Winter wheat.**—The forecast of the production of winter wheat is 509,000,000 bushels. This is 44,000,000 bushels, or 8%, below the forecast of May 1. The great falling off in the prospects for the winter-wheat crop is due mainly to drought in Missouri and Nebraska, to dry, cold weather, chinch bugs, Hessian fly damage, and serious disease of the wheat plant in Kansas, with drought and high temperatures alone or combined in Utah, Idaho, Washington, Oregon, and California. About 21,000,000 bushels are reported lost in prospects during the month in Kansas, 5,000,000 bushels in Nebraska, 8,000,000 bushels in Washington, and 6,000,000 bushels in Oregon.

**Hay and pasture.**—The unfavorable weather has also retarded the growth of grass. The condition of hay crops is the low-

est for any June 1 since 1911 and pastures are poorer than at this time in any previous year on record except 1907 and 1911.

**Apples.**—On account of the unusually cool weather during May, apples were so much less advanced than usual on June 1 that it is difficult to make accurate comparisons with previous years and no forecasts of production have been made. Prospects were, however, most unusually good in Maryland, Virginia, West Virginia, and adjoining States. In a number of these States the condition of apples on June 1 was reported as higher than on any previous June 1 in the last 20 years or more. In New England, it is too early for reliable estimates, but prospects appear to be good. In New York prospects are only fair, due to a spotty bloom on Baldwins, the leading variety. In the far Northwestern States, where the season has been early, and frost damage very severe, the crop will be light, probably about three-fifths as large as last year. In the State of Washington the June 1 condition is 55%, this being 20 below the previous low record.

**Peaches.**—The peach crop in the South and East is large. With the exception of Texas all important producing States in the South and Northeast show a prospective production of 80% or more of a full crop; on the other hand, in the North Central States the crop is reported poor, ranging mostly from 25% to 45% of a full crop. In Colorado, Utah, and California the peach crop is reported good, but other Western States expect a moderate crop. The southern crop is assured and will be bountiful. The excellent prospects in the northeastern States are subject to later seasonal conditions. The poor conditions in the North Central States are the result of freezes and marked improvement can hardly be expected.

**Corn.**—The corn crop is backward. The cold and wet weather of the spring and a general shortage of sunshine that have prevailed in most of the Corn Belt have delayed the preparation of the ground and retarded germination of the seed and the growth of the plant. Much replanting has been necessary and stands are poor in many areas. Except in a few Southern States and one or two States in northern areas, much planting remained to be done on June 1 and considerable plowing had not been finished. In a usual year the crop is practically all planted by June 1. Warm weather and sunshine were needed at once in most areas if growth was to be active and the crop to mature before frost. Prospects for an acreage up to earlier intentions were dubious on June 1.

Taking together all those crops, including fruits, whose condition is estimated in June, the average condition on June 1 was only 92.7% of the 10-year average of these crops on that date. This is below the corresponding June average during any of the last dozen years for which comparable figures are available. It is, however, too early to draw any very definite conclusions regarding total crop production this year, for no forecasts have yet been made of corn, potatoes, tobacco, and other late-planted crops.

Estimated Crop Conditions June 1, 1924, with Comparisons <sup>1</sup>

State	Winter wheat						Spring wheat						Oats					
	Condition June 1		Con- di- tion May 1	Production			Preliminary acreage, 1924		Condition June 1		Production		Preliminary acreage, 1924		Condition June 1		Production	
	10-yr. av.	1924		1923 subject to final revision in De- cember	1924 forecast from condition—		Per cent of 1923	Total	10-yr. aver.	1924	1923, subject to final revision in De- cember	1924 forecast from condi- tion	Per cent of 1923	Total	10-yr. aver.	1924	1923, subject to final revision in De- cember	1924 forecast from condi- tion
					May 1	June 1												
P. ct.	P. ct.	P. ct.	1,000 bus.	1,000 bus.	1,000 bus.	P. ct.	1,000 acres	P. ct.	P. ct.	1,000 bus.	1,000 bus.	P. ct.	1,000 acres	P. ct.	P. ct.	1,000 bus.	1,000 bus.	
Maine																		
New Hampshire																		
Vermont																		
Massachusetts																		
Rhode Island																		
Connecticut																		
New York	88	81	82	7,895	6,903	6,937	88	14	87	82	264	218	100	10	92	81	290	274
New Jersey	86	88	87	1,450	1,297	1,331							101	18	95	88	675	618
Pennsylvania	88	85	85	24,168	20,246	20,451	94	10	90	85	170	149	92	63	90	85	1,632	1,848
Delaware	87	89	88	1,908	1,481	1,525							87	1,018	90	78	33,930	29,142
Maryland	87	86	85	10,426	7,429	7,558							95	56	88	83	1,758	1,580
Virginia	87	85	82	11,145	8,197	8,871							105	171	84	87	3,586	3,719
West Virginia	89	75	75	2,964	2,091	2,121							94	184	88	85	4,704	4,270
North Carolina	85	86	87	6,038	4,720	4,853							93	215	82	72	5,082	3,715
South Carolina	80	82	80	1,925	1,463	1,535							86	354	79	68	10,728	7,050
Georgia	80	75	73	1,739	692	759							45	234	79	63	9,378	3,464
Florida													94	31	74	75	396	453
Ohio	84	77	76	42,588	32,782	33,724	90	9	83	80	195	130	101	1,531	85	85	52,302	54,006
Indiana	81	77	78	34,188	25,904	26,567	90	4	83	80	60	58	102	1,774	87	89	48,692	59,207
Illinois	80	64	70	60,534	33,950	33,368	70	81	85	83	1,972	1,177	106	4,092	88	86	135,100	142,524
Michigan	80	89	89	16,456	15,287	16,252	95	8	89	86	120	103	99	1,513	87	79	48,896	44,225
Wisconsin	85	91	92	1,122	1,270	1,294	110	58	91	84	848	828	102	2,590	93	85	92,166	91,362
Minnesota	82	90	89	1,504	1,623	1,698	88	1,438	93	87	19,231	16,889	103	4,266	93	89	153,254	136,683
Iowa	84	82	91	13,708	8,108	7,631	75	34	92	88	644	449	100	5,639	93	85	203,004	189,329
Missouri	78	68	79	37,882	24,027	21,808	65	3	84	70	65	32	110	1,518	83	70	34,500	32,941
North Dakota							90	7,436	90	84	58,660	67,460	115	2,746	90	83	54,924	59,259
South Dakota	83	80	87	924	1,204	1,139	85	2,325	95	85	25,982	21,739	106	2,442	94	87	78,336	70,110
Nebraska	81	75	89	28,220	16,586	41,439	80	282	92	78	3,168	2,750	100	2,456	92	78	81,048	63,217
Kansas	76	68	88	83,678	134,092	113,210	100	14	83	72	126	121	115	1,539	82	69	34,922	34,512
Kentucky	84	63	69	-7,688	3,743	3,773							102	1,230	85	87	4,725	5,002
Tennessee	81	71	74	4,508	2,620	2,718							95	195	82	83	4,305	4,208
Alabama	80	80	75	200	118	140							80	222	79	68	4,792	3,548
Mississippi	84	75	83	60	28	26							98	118	81	75	2,280	2,035
Louisiana													95	53	82	80	1,232	1,166
Texas	75	84	90	16,370	17,235	16,289							98	1,441	77	86	47,040	46,844
Oklahoma	77	82	91	36,300	44,238	43,930							115	1,380	76	78	24,000	34,983
Arkansas	85	76	81	770	573	561							110	296	84	75	6,187	6,438
Montana	79	88	90	12,546	12,328	12,724	98	2,737	89	88	39,940	36,128	107	720	90	86	22,209	20,743
Wyoming	86	90	94	225	286	284	84	134	96	90	2,560	2,291	105	184	96	90	5,950	5,796
Colorado	84	90	94	12,720	27,142	26,359	100	330	92	91	5,280	6,156	115	228	94	92	6,336	6,922
New Mexico	78	80	93	446	1,790	1,672	87	53	91	90	854	954	110	64	92	90	1,160	1,670
Arizona	90	92	90	1,092	796	813							104	20	91	92	570	699
Utah	92	60	93	2,945	2,494	1,654	92	114	95	85	3,621	2,616	103	83	96	86	3,062	2,855
Nevada	93	94	98	77	73	70	95	16	94	83	430	359	85	3	95	85	106	99
Idaho	92	73	91	11,004	7,549	6,185	88	580	94	73	19,111	10,500	108	184	95	74	7,820	5,787
Washington	87	58	83	37,015	28,640	20,608	89	1,000	91	57	24,728	9,690	110	231	94	79	11,970	8,668
Oregon	93	65	96	21,725	19,755	13,722	95	230	92	70	5,082	2,818	100	270	94	80	10,530	7,560
California	82	54	64	16,157	4,253	3,692							43	70	86	57	5,265	1,496
United States	81.6	74.0	84.8	572,340	553,013	509,319	90.1	16,920	92.0	82.3	213,401	183,831	101.9	41,625	88.8	83.0	1,299,823	1,231,728

<sup>1</sup> Cooperation in crop reporting is maintained by the service of the U. S. Department of Agriculture and by that of the State board of agriculture, or department, or commissioner, or other State agency, as the case may be, of many States, thus avoiding confusion through duplication of crop reports and improving their accuracy. The list of States follows: New England States, New York, New Jersey, Pennsylvania, Ohio, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Virginia, North Carolina, Georgia, Alabama, Arkansas, Montana, Colorado, Utah, and California.

Condition of Cowpeas and Soy Beans in Southern States, June 1

State	Cowpeas		Soy beans	
	1923	1924	1923	1924
	Per cent	Per cent	Per cent	Per cent
Virginia	84	80	84	84
North Carolina	88	82	92	86
South Carolina	85	79	84	80
Georgia	83	79	82	81
Florida	88	86	87	82
Alabama	77	76	75	81
Mississippi	75	74	77	80
Louisiana	80	82	78	85
Texas	85	80	85	84
Arkansas	80	78	75	
Total, above States	82.0	78.7	81.9	83.6

Area of Sugar Cane, 1922-1924 <sup>1</sup>

State	1922	1923	1924 <sup>2</sup>	1924 as percentage of 1923
	Acre	Acre	Acre	Per cent
South Carolina	9,600	9,600	9,600	100
Georgia	50,000	45,000	40,500	90
Florida	29,000	30,000	32,000	107
Alabama	79,000	70,300	70,300	100
Mississippi	37,000	33,300	30,000	90
Louisiana	319,000	317,500	316,000	99
Texas	18,800	17,300	18,200	105
Arkansas	3,600	3,500	3,500	100
Total, 8 States	546,600	526,500	520,100	99

<sup>1</sup> Sorghum, which is sometimes confused with sugar cane, is not included.  
<sup>2</sup> Preliminary figures.

Estimated Crop Conditions June 1, 1924, with Comparisons—Continued.

State	Barley						Rye					Hay (all)				Clover hay			Timothy hay					
	Preliminary acreage, 1924		Condition June 1		Production		Condition June 1		Condition May 1	Production		Condition June 1			Preliminary acreage, 1924	Condition June 1		Preliminary acreage, 1924	Condition June 1					
	Per cent of 1923	Total	10-yr. aver.	1924	1923 subject to final revision in Dec.	1924 forecast from condition	10-yr. aver.	1924		1,000 bushels	1,000 bushels	10-yr. aver.	1923	1924		10-yr. aver.	1923		1924	1,000 acres	1923	1924		
									Per cent						Per cent			Per cent					Per cent	Per cent
Maine.....	98	3	95	88	90	73	95	93	89	54	56	92	90	96	91	91	14	95	93	89	61	94	92	
New Hampshire.....	94	1	94	86	26	25	95	96	91	91	91	91	91	24	95	94	85	102	96	91	102	96	91	
Vermont.....	100	9	94	85	261	250	95	93	89	54	56	93	93	93	91	14	94	93	92	71	92	94	94	
Massachusetts.....							95	93	89	54	56	93	93	93	91	14	94	93	92	71	92	94	94	
Rhode Island.....							95	93	89	54	56	93	93	93	91	14	94	93	92	71	92	94	94	
Connecticut.....							94	95	86	90	103	91	89	92	89	14	92	93	95	43	89	93	93	
New York.....	128	243	89	73	5,092	5,144	90	87	88	945	909	89	85	90	87	476	90	88	89	1,313	86	90	90	
New Jersey.....							93	92	90	1,157	1,095	84	72	90	85	32	85	76	86	76	72	89	89	
Pennsylvania.....	93	11	91	80	269	234	92	93	90	3,655	3,381	87	78	88	85	285	87	80	87	916	78	90	90	
Delaware.....							91	92	88	86	82	81	77	95	82	18	80	78	95	10	75	85	85	
Maryland.....	106	4	89	87	132	118	90	90	87	269	291	80	65	87	80	95	78	66	87	81	70	86	86	
Virginia.....	115	12	88	89	270	310	90	90	84	504	526	77	66	91	85	171	79	70	91	107	65	90	90	
West Virginia.....							90	89	87	100	120	84	69	86	81	68	86	75	87	234	70	87	87	
North Carolina.....							90	95	86	603	562	85	87	89	84	104	86	86	89					
South Carolina.....							86	95	82	74	81	83	82	80	80	2	86	91	81					
Georgia.....							86	85	78	180	182	84	87	86	78	3	86	94	89					
Florida.....												84	90	86	83									
Ohio.....	105	78	87	90	1,998	2,036	90	86	85	1,302	1,204	86	73	87	82	706	86	73	83	1,267	77	89	89	
Indiana.....	105	32	86	80	690	704	90	87	89	4,188	3,661	86	74	86	83	469	85	67	81	744	81	89	89	
Illinois.....	110	251	93	90	6,612	7,455	90	87	89	3,450	3,137	84	76	83	83	1,044	84	73	82	904	80	83	83	
Michigan.....	96	144	89	80	3,600	3,110	88	90	91	6,538	5,438	86	78	83	86	792	87	80	83	659	78	83	83	
Wisconsin.....	100	465	92	85	13,252	12,964	89	90	93	5,062	5,184	88	78	86	88	635	88	78	86	561	78	87	87	
Minnesota.....	100	962	93	88	24,050	23,434	87	88	89	12,312	13,212	90	77	82	85	373	89	75	83	573	78	82	82	
Iowa.....	100	161	94	85	4,572	4,146	92	89	94	923	778	88	82	77	90	872	88	84	80	709	82	75	75	
Missouri.....	102	6	88	73	162	123	88	82	87	325	258	83	80	74	84	616	84	80	78	1,142	88	72	72	
North Dakota.....	112	1,524	90	84	23,818	25,603	85	85	81	10,046	11,167	88	87	78	84	150	87	92	87	162	88	76	76	
South Dakota.....	96	854	94	86	20,025	17,627	90	85	91	3,496	3,838	95	85	75	88	55	92	83	89	126	85	85	85	
Nebraska.....	105	356	92	74	9,492	7,113	91	82	93	1,584	1,699	93	79	92	87	92	76	91	92	83	19	92	79	
Kansas.....	90	870	85	64	21,467	13,363	86	85	92	348	551	88	88	79	91	155	88	85	77	84	82	76	76	
Kentucky.....	65	5	91	60	189	87	91	75	75	234	156	83	80	82	80	166	87	80	208	83	83	84	84	
Tennessee.....	85	14	87	75	391	273	86	75	77	200	134	81	83	83	84	277	82	80	82	97	85	82	82	
Alabama.....							84	84	84	12	10	81	84	82	76	43	86	92	83					
Mississippi.....												85	86	82	84	98	87	85	86					
Louisiana.....												87	88	88	81	34	88	82	92					
Texas.....	100	108	76	86	2,592	2,833	78	85	90	204	235	87	86	88	86									
Oklahoma.....	115	148	76	84	2,838	3,481	85	99	89	444	539	87	87	90	91	6	90	95	90					
Arkansas.....							88	90	83	9	11	89	86	85	83	61	91	89	84					
Montana.....	115	112	92	86	2,474	2,312	90	88	86	2,112	1,761	92	92	87	93	60	93	94	90	85	95	86	86	
Wyoming.....	115	32	96	94	863	948	93	94	94	312	322	95	90	92	98	30	96	98	93	52	98	92	92	
Colorado.....	120	265	93	90	6,400	6,559	92	90	95	876	920	94	95	94	95	19	96	97	95	44	95	96	96	
New Mexico.....	110	12	92	95	209	319	83	85	85	24	31	87	88	94	87	2	92	90	100					
Arizona.....	103	37	91	95	1,260	1,364						92	95	92	90									
Utah.....	110	24	95	84	893	736	96	76	93	125	105	92	96	86	94	2	95	98	92	13	96	88	88	
Nevada.....	102	6	95	90	152	197						93	90	72	88	1	94	90	85	6	96	80	80	
Idaho.....	110	102	95	80	3,999	3,019	96	82	91	266	189	94	98	79	90	31	94	98	83	104	98	73	73	
Washington.....	125	106	92	65	3,884	2,549	94	55	81	361	158	94	98	79	86	74	96	98	86	51	98	69	69	
Oregon.....	110	97	92	76	3,080	2,506	97	75	94	655	375	93	98	70	88	150	95	96	85	20	98	77	77	
California.....	46	504	84	57	33,069	10,055						86	90	73	74									
United States.....	95.6	7,558	90.2	79.5	198,185	160,070	88.2	87.4	88.2	63,023	62,461	88.7	84.4	83.0	86.4	8,355	86.8	79.2	83.4	10,796	80.7	84.5	84.5	84.5

General Crop Conditions on June 1

By States

[100=10-year average condition for all reported crops for each State]

State	P. ct.	State	P. ct.	State	P. ct.
Maine.....	98.3	Ohio.....	97.3	Texas.....	97.0
New Hampshire.....	98.3	Indiana.....	97.7	Oklahoma.....	94.7
Vermont.....	95.9	Illinois.....	91.0	Arkansas.....	83.1
Massachusetts.....	102.8	Michigan.....	98.8	Montana.....	99.2
Rhode Island.....	109.1	Wisconsin.....	95.3	Wyoming.....	96.5
Connecticut.....	104.1	Minnesota.....	94.3	Colorado.....	102.9
New York.....	98.0	Iowa.....	91.0	New Mexico.....	104.5
New Jersey.....	107.8	Missouri.....	87.2	Arizona.....	103.0
Pennsylvania.....	99.0	North Dakota.....	93.6	Utah.....	88.9
Delaware.....	111.0	South Dakota.....	89.5	Nevada.....	79.9
Maryland.....	103.8	Nebraska.....	88.3	Idaho.....	81.0
Virginia.....	108.2	Kansas.....	89.0	Washington.....	68.4
West Virginia.....	103.7	Kentucky.....	91.9	Oregon.....	75.8
North Carolina.....	95.0	Tennessee.....	88.4	California.....	87.1
South Carolina.....	97.1	Alabama.....	97.8		
Georgia.....	106.4	Mississippi.....	92.3	United States.....	92.7
Florida.....	94.9	Louisiana.....	95.2		

By Crops

[100=10-year average condition for each crop]

Crop	P. ct.	Crop	P. ct.	Crop	P. ct.
Pineapples.....	125.0	Alfalfa hay.....	93.9	Prunes.....	90.3
Peaches.....	114.8	Apricots.....	93.8	Cotton.....	90.1
Grapefruit.....	108.4	Hay, all.....	93.6	Spring wheat.....	89.5
Pears.....	106.6	Melons.....	93.6	Barley.....	88.1
Apples.....	105.6	Oats.....	93.4	Almonds.....	88.1
Limes.....	104.8	Plums.....	93.4	Cherries.....	82.3
Blackberries, etc.....	101.1	Lemons.....			

Estimated Crop Conditions June 1, 1924, with Comparisons—Continued

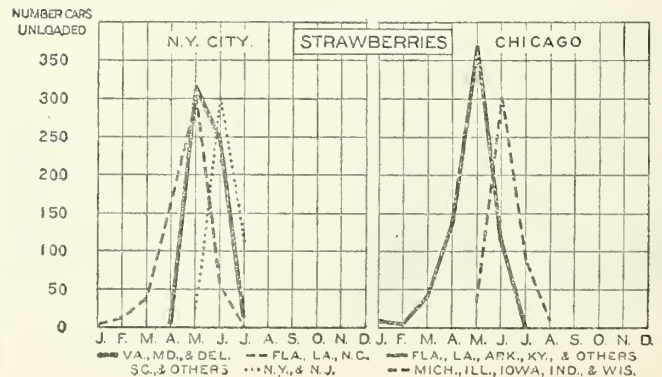
State	Clover and timothy hay mixed		Alfalfa hay			Pasture			Apples			Peaches			Pears		Blackberries and raspberries			Melons						
	Pre-liminary acreage, 1924	Con-dition June 1	Condition June 1			Condition June 1			Condition June 1			Production		Condition June 1			Condition June 1		Condition June 1							
			10-year average	1923	1924	10-year average	1923	1924	10-year average	1923	1924	10-year average	1923	1924	1,000 bus.	1924 forecast from condition	10-year average	1923	1924	10-year average	1923	1924	10-year average	1923	1924	
																										Per cent
Maine	604	93				93	95	88	84	87	85															
New Hampshire	171	92				93	92	88	83	75	95	60	90	40												
Vermont	539	87	1	91	98	85	93	92	87	86	87	89														
Massachusetts	145	93	1	92	92	92	93	90	89	84	85	92	57	86	35	205	94	82	80	90	81	87	85			
Rhode Island	16	93					92	90	93	80	85	97	62	80	87	31	30	80	82	87	86	85	96			
Connecticut	82	93	1	91	94	90	92	89	90	83	81	93	63	73	90	232	251	81	74	90	89	84	83			
New York	2,279	90	183	93	90	91	91	82	84	79	85	77	61	74	84	1,700	2,345	77	76	90	88	82	90	84	85	
New Jersey	141	88	19	91	88	92	87	72	92	77	78	85	72	84	89	2,642	2,466	66	80	86	89	91	93	83	84	
Pennsylvania	1,498	88	35	91	89	91	90	77	88	73	84	89	60	81	84	1,907	1,940	65	75	88	92	93	93	86	84	
Delaware	24	95	2	89	90	97	84	75	95	64	64	85	64	60	87	225	256	47	60	80	89	95	95	81	70	
Maryland	137	88	16	89	87	92	83	62	91	62	65	82	63	66	84	631	720	56	60	83	90	92	92	80	80	
Virginia	330	90	36	87	80	96	84	74	94	54	48	80	53	87	504	1,218	45	29	80	90	92	94	80	79	70	
West Virginia	286	85	5	90	81	83	88	73	88	54	54	73	52	42	76	526	988	38	33	66	92	89	94	82	83	
North Carolina			4	90	91	90	87	92	89	59	50	84	61	28	90	260	1,925	49	23	73	91	90	93	79	81	
South Carolina			3	86	88	91	84	90	85	67	55	70	68	46	77	550	869	63	55	70	88	90	87	78	75	
Georgia			4	89	94	86	86	93	86	67	60	78	74	70	80	5,248	7,159	60	53	72	90	90	89	79	74	
Florida							85	92	85	85	85	69	69	65	80	120	168	63	60	72	90	90	88	78	75	
Ohio	857	86	111	90	85	86	91	79	89	66	74	80	50	70	44	1,385	891	56	70	72	90	90	88	83	78	
Indiana	549	87	107	90	80	86	92	82	90	64	77	64	49	68	25	445	157	55	68	53	88	91	87	82	80	
Illinois	830	84	166	90	90	88	89	83	85	66	79	60	47	55	23	675	308	58	68	50	89	90	90	81	82	
Michigan	1,101	83	389	92	88	92	90	80	81	75	83	73	57	75	46	1,125	672	75	76	83	89	86	86	86	84	
Wisconsin	1,592	86	217	87	83	93	90	78	81	85	91	82	57	75	46	1,125	672	75	76	83	89	86	86	86	84	
Minnesota	701	83	160	92	89	91	91	79	73	82	91	80														
Iowa	1,330	78	253	94	85	90	92	83	77	73	83	75	34	60	35	40	32	37	70	60	85	85	82	86	86	
Missouri	1,012	75	187	90	89	83	90	87	80	63	77	66	42	45	28	1,040	659	51	58	60	87	93	92	78	75	
North Dakota	20	80	77	89	91	85	87	56	72																	
South Dakota	92	87	625	95	87	88	94	85	81	83	84	82														
Nebraska	84	82	1,210	94	96	81	94	93	75	67	74	75	28	65	12	45	10	60	73	60	78	80	85	87	90	
Kansas	87	79	903	90	89	82	92	91	80	60	63	72	32	20	35	78	199	51	40	71	82	86	87	81	74	
Kentucky	184	81	52	92	89	82	89	85	86	59	57	82	52	50	84	450	1,085	46	41	73	88	93	94	80	81	
Tennessee	192	84	26	88	87	86	87	92	89	54	45	78	54	35	88	460	1,865	42	25	70	90	92	96	76	72	
Alabama			22	88	92	78	86	94	85	63	53	75	66	55	80	779	1,451	59	50	72	89	84	87	78	70	
Mississippi			19	88	87	80	89	94	85	62	50	63	74	41	83	260	821	60	43	70	89	86	91	76	68	
Louisiana			22	90	84	86	90	94	90	62	55	70	67	56	80	175	346	63	55	75	85	84	90	78	72	
Texas			60	90	88	88	90	91	93	65	65	65	54	47	67	1,700	3,040	58	50	69	84	80	91	78	78	
Oklahoma			384	87	89	92	89	91	91	64	70	80	47	55	84	1,290	2,052	48	45	80	84	88	92	77	72	
Arkansas			76	91	88	87	92	94	92	60	70	68	57	35	37	1,110	2,458	54	40	70	90	100	96	78	75	
Montana	172	84	550	93	94	90	92	90	80	84	91	90														
Wyoming	37	93	546	95	90	92	98	97	100	86	90	95														
Colorado	96	96	859	94	97	92	93	92	91	75	88	88	68	86	90	792	787	77	90	94	83	94	87	86	90	
New Mexico			90	88	90	92	86	75	95	64	90	65	46	75	25	180	56	57	50	30	85	90	90	86	90	
Arizona			141	92	92	89	85	76	93	66	70	60	66	60	80	90	77	68	70	60	86	73	75	89	92	
Utah	25	85	463	90	95	85	94	96	79	81	95	70	72	92	75	802	608	76	90	77	90	93	94	90	87	
Nevada	10	90	124	92	94	80	94	96	78	66	75	60	56	50	24	5	3	65	38	65	94	100	90	92	80	
Idaho	94	75	611	93	96	80	95	99	73	76	96	56	59	93	30	282	104	75	94	54	90	94	87	88	91	
Washington	95	34	223	94	99	86	94	99	65	90	88	55	70	80	30	1,333	405	83	82	45	93	94	88	88	90	
Oregon	30	83	253	93	96	76	95	100	75	84	90	70	65	70	50	500	200	78	80	65	93	99	88	87	95	
California			981	93	94	88	86	90	55	79	76	75	65	91	75	15,830	13,584	78	75	68	92	95	85	90	92	
United States	15,442	85.4	10,217	92.3	92.5	86.7	90.6	84.8	82.2	70.1	75.5	74.0	63.3	66.7	72.7	45,702	52,514	66.9	68.6	71.3	88.1	88.2	89.4	81.2	79.2	76.0

Strawberry Supply and Sources

New York, the leading eastern market, shows average unloads of strawberries approximating 1,800 cars per year. The statistics suggest that the annual consumption of berries in New York decreased from 1918 to 1921 but increased in 1922 and 1923. Florida strawberries appear in that city as early as January. A limited number of carloads come from Louisiana, but the heaviest arrivals, as in most eastern markets, are from the Carolinas, Virginia, Maryland, Delaware and New Jersey according to the progress of the season. The peak of the strawberry movement to New York is in May or June, and by the end of July this fruit is no longer important in most markets.

As a strawberry consuming center Chicago ranks next to New York City. The annual carlot supply in Chicago increased to 1,500 cars in 1921, to 1,719 in 1922 and was 1,696 in 1923. Sometimes one-third comes by boat from southwestern Michigan during the latter part of the season.

Sources of Supply and Average Monthly Unloads of Strawberries at New York and Chicago, 1917-1921.







Cost of Producing Field Crops, 1923

A summary of 11,238 reports from farmers all over the United States on the cost of producing the 1923 crop of corn shows an average cost of \$0.68 per bushel; the average cost of producing wheat on 7,852 farms was \$1.24 per bushel, and the average cost of producing oats on 8,481 farms was \$0.52 per bushel. Costs for these crops are shown by geographical divisions as well as for the United States in the accompanying tables. Cost figures were also reported for potatoes and cotton. Since potato production is common on most farms but commercially is confined to certain scattered districts, the reports having an acre or less were not included, and the remaining 2,694 records were grouped to represent as nearly as possible sections of the country having similar production conditions. While cotton reports were received from 2,519 farmers, the greater number of replies were from farmers having yields considerably above the average. For this reason the costs are shown by yield groups, rather than as an average cost for the entire cotton belt.

In the cost figures are included charges for labor of the farmer and his family, and a charge for the use of the land on a cash rental basis; so that if the cost just equaled the price, the farmer was paid for his time and his investment.

A more complete and detailed report of the 1923 costs is being prepared for publication, copies of which may be obtained by applying to the Division of Cost of Production, Bureau of Agricultural Economics.

This information was obtained by the Bureau of Agricultural Economics from farmers reporting for their own farms, and from all parts of the United States. Similar data were obtained for the 1922 crops of corn, wheat, and oats and the results

were published in the issue of "Weather, Crops, and Markets" for September 1, 1923.

The yields on the farms reporting, were, in general, slightly higher than the yields reported by the Division of Crop and Livestock Estimates of the United States Department of Agriculture; also the acreage per farm for each crop was greater than that given in the census for 1919. The indication is that the farmers were somewhat inclined to give costs on only the crops in which they specialized, which would result in a proportionately large number of reports on corn from the Corn Belt, on wheat from the Wheat Belt, and so on; in other words, the figures are probably influenced to a greater extent by commercial than by noncommercial areas.

The questionnaire provided for answers from each farmer on every item of cost, on yield, acreage, value of by-product, and sales value of the product itself.

CORN

The average gross cost of producing an acre of corn amounted to \$26.40; with a credit of \$2.65 for stover the net cost of production was \$23.75 per acre or \$0.68 per bushel for a yield of 35 bushels per acre. Fifty-three per cent of the total cost was for the work of preparing the seed bed, planting, cultivating, harvesting, and marketing; fertilizer and manure amounted to 15 per cent, seed 2 per cent, land rent 22 per cent, and miscellaneous items such as twine, crop insurance, use of implements, use of storage buildings and a charge for general farm overhead expense amounted to 8 per cent.

The average sales value of the corn was \$0.81 per bushel; this leaves a margin of \$0.13 per bushel or \$3.41 per acre above the cost, after charging for all expenses, including family and operator labor and use of land.

1923 Cost of Producing Corn, Wheat, Oats, and Potatoes

Averages by Geographical Divisions

Crops and geographical divisions	Num-ber of re-ports	Acres per crop per farm	Yield per acre (bus.)	Cost per acre										Credit per acre for by-products	Net cost		Value of product		
				Pre- pare and plant	Culti- vate	Har- vest <sup>1</sup>	Market	Misc. labor <sup>2</sup>	Ferti- lizer and manure	Seed	Land rent	Misc. costs <sup>3</sup>	Total		Per acre	Per bu.	Per acre	Per bu.	
<b>CORN</b>																			
N. Atlantic.....	815	10	47	\$7.67	\$5.23	\$8.24	\$3.59	\$0.08	\$13.39	\$0.65	\$6.69	\$3.67	\$49.01	\$8.28	\$40.73	\$0.87	\$44.92	\$0.95	
S. Atlantic.....	1,655	28	30	4.84	3.97	3.50	2.44	.08	5.08	.45	6.21	2.64	29.21	3.64	25.57	.85	29.91	1.03	
E. N. Central.....	2,714	34	44	4.96	3.27	5.16	2.39	.99	4.82	.44	6.55	2.32	30.00	3.23	26.77	.61	31.03	.72	
W. N. Central.....	3,312	58	35	3.34	2.43	3.02	2.02	.13	1.78	.38	5.22	1.83	20.15	1.34	18.81	.54	21.95	.63	
S. Central.....	2,285	35	24	3.91	3.66	2.03	2.21	.10	2.19	.42	5.53	2.29	22.34	1.16	21.18	.88	22.94	.98	
Western.....	457	34	29	4.34	2.28	3.29	2.59	.99	1.47	.46	4.18	2.00	21.60	2.58	19.02	.66	22.16	.73	
United States.....	11,238	39	35	4.42	3.29	3.80	2.31	.14	3.90	.44	5.81	2.29	26.40	2.65	23.75	.68	27.16	.81	
<b>WHEAT</b>																			
N. Atlantic.....	642	14	23	6.53	-----	6.08	1.94	.18	7.23	2.43	6.24	3.63	34.26	5.83	28.43	1.24	24.65	1.09	
S. Atlantic.....	961	17	14	4.41	-----	4.50	1.46	.23	4.51	1.89	5.37	2.50	24.96	2.54	22.42	1.00	17.57	1.27	
E. N. Central.....	2,028	25	20	4.50	-----	4.64	1.28	.16	3.52	1.92	6.08	2.42	24.52	2.40	22.12	1.11	19.68	.98	
W. N. Central.....	2,479	81	13	3.21	-----	3.77	.95	.18	.63	1.46	4.43	1.98	16.81	.64	16.17	1.24	11.61	.90	
S. Central.....	745	57	13	3.35	-----	4.13	1.14	.24	1.66	1.34	4.50	1.99	18.35	1.19	17.16	1.32	13.32	1.04	
Western.....	997	126	22	4.56	-----	5.08	1.79	1.12	.88	1.37	7.18	3.01	24.99	1.04	23.95	1.09	19.39	.87	
United States.....	7,852	57	17	4.14	-----	4.47	1.28	.31	2.58	1.69	5.99	2.42	22.88	1.86	21.02	1.24	16.64	.99	
<b>OATS</b>																			
N. Atlantic.....	877	13	37	6.44	-----	6.08	1.96	.22	4.26	2.02	5.69	3.49	30.16	5.27	24.89	.07	21.65	.58	
S. Atlantic.....	834	13	26	3.82	-----	4.19	1.56	.20	3.00	1.63	5.07	2.17	21.64	2.50	19.14	.74	19.39	.76	
E. N. Central.....	2,227	22	38	3.75	-----	4.48	1.43	.19	1.39	1.37	6.95	2.33	20.89	2.98	18.21	.48	16.58	.44	
W. N. Central.....	2,974	36	34	2.64	-----	3.92	1.30	.19	.54	1.16	4.65	2.01	16.41	1.10	15.31	.45	13.13	.38	
S. Central.....	865	21	25	3.04	-----	4.16	1.32	.21	1.00	1.31	4.25	1.88	17.17	1.33	15.84	.63	15.33	.61	
Western.....	704	30	41	4.57	-----	5.42	2.10	1.21	1.03	1.36	5.53	3.12	24.34	1.90	22.74	.55	20.84	.49	
United States.....	8,481	26	35	3.64	-----	4.47	1.47	.28	1.47	1.38	5.18	2.34	20.23	2.15	18.08	.52	16.38	.49	
<b>POTATOES (white)</b>																			
Northeastern <sup>4</sup> .....	574	8	170	12.40	6.88	14.83	11.97	4.73	25.13	14.05	9.03	6.97	105.99	.49	105.50	.62	172.34	1.02	
Eastern <sup>5</sup> .....	231	5	116	9.36	5.04	10.16	9.23	2.06	16.65	12.42	10.76	5.29	81.02	.56	80.46	.69	131.94	1.15	
Southeastern <sup>6</sup> .....	112	6	97	7.68	4.16	6.85	6.56	1.52	18.87	15.98	7.30	6.91	75.83	.17	75.66	.78	161.89	1.64	
Central <sup>7</sup> .....	407	6	101	6.67	3.78	8.14	6.37	1.88	5.27	10.01	7.44	3.00	52.56	.08	52.48	.52	80.12	.81	
North Central <sup>8</sup> .....	964	7	116	7.22	3.86	9.06	7.32	2.65	6.43	6.13	5.40	3.64	51.71	.37	51.34	.41	52.76	.47	
W. S. Central <sup>9</sup> .....	85	5	82	6.53	3.66	6.53	5.73	1.32	7.89	12.84	6.37	4.07	54.94	.18	54.76	.67	103.29	1.32	
Western <sup>10</sup> .....	321	13	149	8.73	4.27	13.03	10.27	2.97	4.78	8.62	8.42	8.64	69.73	.90	68.83	.46	97.07	.70	

<sup>1</sup> Threshing for wheat and oats is included under harvesting.

<sup>2</sup> Includes miscellaneous labor, irrigation and water, spraying and spray material.

<sup>3</sup> Sacks and twine, crop insurance, use of implements, use of storage buildings and overhead.

<sup>4</sup> Maine, New Hampshire, Vermont, Massachusetts, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>5</sup> Maryland, Virginia, West Virginia, North Carolina, Kentucky, and Tennessee.

<sup>6</sup> South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>7</sup> Ohio, Indiana, Illinois, Iowa, Missouri, Kansas, and Nebraska.

<sup>8</sup> Michigan, Wisconsin, Minnesota, North Dakota, and South Dakota.

<sup>9</sup> Louisiana, Texas, Oklahoma, and Arkansas.

<sup>10</sup> Montana, Wyoming, Colorado, Utah, Idaho, Washington, Oregon, and California.

WHEAT

The reports on the cost of producing wheat showed an average gross cost of \$22.88 per acre. The credit for straw was \$1.86 per acre, leaving an average net cost of \$21.02 per acre and \$1.24 per bushel, the average yield being 17 bushels per acre. Preparing the seed bed, planting, harvesting, threshing and marketing made up 45 per cent of the cost; fertilizer and manure, 11 per cent; seed 7 per cent; land rent, 26 per cent, and miscellaneous items—sacks, twine, crop insurance, use of implements and storage buildings, and general overhead—11 per cent.

The average sales value per bushel was \$0.99, and the value per acre was \$4.38 less than the cost per acre. This does not represent an actual cash loss; it does mean, however, that many farmers did not receive sufficient income from wheat to pay all cash expenses of production and allow them going wages for their time and the cash rental value of their land as reported.

OATS

A summary of the 8,481 reports on the cost of producing oats showed an average gross cost per acre of \$20.23, a credit of \$2.15 for straw and a net cost of \$18.08 per acre. The average yield was 35 bushels per acre, making an average net cost per bushel of \$0.52. The distribution of the costs was as follows: man and horse labor for preparing seed bed, planting, harvesting, threshing and marketing 49 per cent, fertilizer and manure 7 per cent, seed 7 per cent, land rent 26 per cent and 11 per cent for sacks, twine, crop insurance, use of implements and storage buildings, and general overhead.

The average sales value per bushel was \$0.49 or \$0.03 per bushel and \$1.70 per acre less than the cost. This would cover all expenses except land rent, including the value of the labor of the farmer and his family and would leave enough margin to take care of 67 per cent of the cash rent reported or pay 4 per cent on the average investment in land.

POTATOES

The figures shown for potatoes are averages of groups of States having general similarity of conditions under which potatoes were produced. The States contained in each group are indicated in the footnotes of the table. In general, each group showed that the average price received for potatoes last year was sufficient to allow a margin above cost. In the "Southeastern," or early potato section, the average cost was \$75.66 per acre and the average value was \$161.89 per acre, leaving a margin of \$86.23 per acre. The group of States showing the lowest margin between cost and value was the "Northcentral" division where, although the cost per bushel was relatively low the price received for potatoes averaged but 47 cents per bushel, leaving a margin between cost and value of only \$1.42 per acre. The averages for the other sections showed favorable margins between costs and sales value per acre of product.

COTTON

The average yield of lint cotton in the United States in 1923 was 130.6 pounds per acre, according to the Division of Crop Estimates, United States Department of Agriculture. Of the 2,519 reports received on the cost of producing cotton, 407 showed yields between 101 and 140 pounds per acre, averaging 124 pounds. This group appears most nearly to represent general conditions in the cotton States during 1923; the average net cost of production on these 407 farms was \$0.22 per pound of lint and the average price received was \$0.30.

Fifty-five per cent of all farmers reporting had yields of more than 140 pounds per acre and, on an average, produced their cotton at considerably less cost per pound than did those who had yields from 101 to 140 pounds of lint per acre.

Seven hundred and thirty-two, or 29 per cent of the farmers reporting produced 100 pounds of lint or less per acre and of these 281 produced at a cost above the price received.

1923 Cost of Producing Cotton, by Yield Groups

Yield groups (pounds of lint per acre)	Number of reports	Acres in cotton per farm	Yield per acre (pounds of lint)	Cost per acre										Less value of cotton seed per acre	Net cost of lint		Value of lint	
				Pre-prepare and plant	Cultivate	Harvest and market	Misc. labor	Fertilizer and manure	Seed	Ginning	Land rent	Misc. costs	Total		Per acre	Per pound	Per acre	Per pound
20 pounds and under	32	55	14	\$3.69	\$5.25	\$2.11	\$0.70	\$2.94	\$1.14	\$0.22	\$3.52	\$1.52	\$21.09	\$0.74	\$20.35	\$1.45	\$4.28	\$0.30
21 to 60 pounds	249	69	44	3.84	5.24	3.98	.79	4.25	1.25	.59	4.33	2.69	26.96	2.10	24.86	.56	13.32	.30
61 to 100 pounds	451	55	89	3.91	5.73	5.57	.79	3.97	1.16	1.33	4.38	2.57	29.91	3.60	26.31	.30	26.55	.30
101 to 140 pounds	407	54	124	4.25	6.12	6.69	1.03	3.39	1.24	1.76	4.98	3.06	32.52	5.13	27.39	.22	36.48	.30
141 to 180 pounds	394	70	161	4.18	5.92	7.60	1.11	3.55	1.22	1.99	5.99	2.74	34.30	6.79	27.51	.17	47.73	.30
180 to 220 pounds	279	51	209	4.37	6.20	8.74	1.36	4.48	1.18	2.23	6.90	3.31	38.77	7.64	31.13	.16	60.29	.30
221 to 260 pounds	257	63	245	4.71	6.59	9.35	1.56	5.04	1.40	2.77	7.08	3.33	42.33	9.71	32.62	.13	72.60	.30
261 to 300 pounds	165	30	290	5.01	7.08	11.13	1.64	5.27	1.54	3.05	8.05	3.44	47.24	11.00	36.24	.12	87.77	.39
301 to 340 pounds	34	56	324	5.26	8.51	13.39	2.46	9.03	1.64	3.32	9.59	5.09	58.29	12.64	45.65	.14	95.34	.30
341 to 380 pounds	54	33	356	5.50	7.18	11.13	1.64	8.75	1.48	3.90	9.53	4.10	55.40	12.62	42.78	.12	107.14	.31
381 to 420 pounds	94	31	401	5.71	8.62	13.74	2.37	10.41	1.51	3.71	8.91	4.37	59.35	14.98	44.37	.11	124.22	.31
421 to 460 pounds	27	31	414	5.82	8.14	14.87	2.51	9.99	1.59	4.46	12.42	4.56	64.76	14.53	50.23	.11	132.63	.31
461 to 500 pounds	60	26	495	6.09	7.75	17.71	3.04	9.73	1.55	5.17	10.43	5.54	67.01	17.94	49.07	.10	150.42	.39
501 pounds and over	16	27	618	6.34	7.51	28.28	2.79	13.86	1.44	6.92	10.79	5.07	83.00	26.17	56.83	.09	197.45	.32

Durum Wheat Acreage

In Minnesota, North Dakota, South Dakota, and Montana

State and year.	Acres of spring wheat, including durum	Durum wheat		Other varieties of spring wheat	
		Percentage of spring wheat	Acres	Percentage of spring wheat	Acres
1924					
Minnesota	1,438,000	8.0	115,000	92.0	1,323,000
North Dakota	7,436,000	35.0	2,603,000	65.0	4,833,000
South Dakota	2,325,000	53.0	1,232,000	47.0	1,093,000
Montana	2,737,000	3.0	82,000	97.0	2,655,000
Total, 1924	13,936,000	28.9	4,032,000	71.1	9,904,000
1919	19,665,000	19.2	3,782,000	80.8	15,883,000
1920	16,923,000	22.7	3,840,000	77.3	13,083,000
1921	16,839,000	31.3	5,276,000	68.7	11,563,000
1922	16,623,000	34.8	5,791,000	65.2	10,832,000
1923	15,424,000	30.8	4,748,000	69.2	10,676,000
Ave., 1919-1923	17,095,000	27.4	4,678,000	72.6	12,417,000
1924	13,936,000	28.9	4,032,000	71.1	9,904,000

Florida and California Crop Conditions, June 1

Crop	Florida					California				
	June 1—				May 1, 1924	June 1—				May 1, 1924
	1921	1922	1923	1924		1921	1922	1923	1924	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
Pineapples	77	80	92	92	90					
Oranges	84	84	92	85	89	92	76	93	90	95
Lemons						90	63	85	84	88
Limes	82	79	90	80	84					
Grapefruit	84	80	90	83	85					
Peaches	75	70	65	80	85	73	98	91	75	77
Pears	55	52	60	72	76	61	80	75	68	70
Watermelons	80	82	75	75	72	85	90	92	90	
Cantaloupes	76	75	75	75	70	90	90	92	90	
Apricots						45	55	100	65	66
Prunes						69	76	60	68	68
Cherries						63	70	75	62	65
Olives						90	88	91	67	
Almonds						60	78	75	63	61
Walnuts						77	83	89	80	
Potatoes, yield per acre	92	100	88	77	70					
Potatoes, quality	86	85	80	82						

<sup>1</sup> Production compared with a full crop.

Estimated Farm Price of Important Products, May 15, 1923-24

Table with columns for State, Wheat, Corn, Oats, Barley, Rye, Buckwheat, Flaxseed, Potatoes, Sweet potatoes, Hay, Cotton, Butter, Eggs, Chickens. Rows list various states and their corresponding prices for each product.

Averages of Prices Received by Producers May 15, 1913-1924

Comparable Prices for Recent Years also Shown

[Prices of articles quoted below are averages of reports of crop reporters, weighted according to relative importance of district and State]

Table with columns for Date, Wheat, Corn, Oats, Barley, Rye, Buckwheat, Potatoes, Sweet potatoes, Flaxseed, Apples, Hay, Cotton, Butter, Eggs, Chickens. Rows show price averages for various dates from 1913 to 1924.





United States Prices of Articles Bought by Farmers

[Report of Returns from Several Thousand Retail Dealers, who Sell to Farmers]

Article	Unit	1923						1924			
		Jan. 15	Apr. 15	July 15	Oct. 15	Nov. 15	Dec. 15	Jan. 15	Feb. 15	Mar. 15	Apr. 15
<b>Food</b>											
Bacon, smoked	Pound	\$0.279	\$0.270	\$0.272	\$0.272	\$0.263	\$0.261	\$0.259	\$0.251	\$0.249	\$0.247
Beans, dry, edible	do	.104	.111	.109	.099	.098	.097	.096	.095	.096	.095
Coffee	do	.317	.326	.332	.323	.331	.330	.337	.334	.354	.353
Flour, wheat, 24 pounds	Sack	1.10	1.10	1.05	.99	.98	.99	1.00	.99	1.00	1.00
Lard	Pound	.173	.173	.172	1.79	.180	.179	.179	.175	.173	.171
Rice	do	.090	.090	.089	.090	.092	.091	.092	.092	.093	.093
Sugar	do	.088	.110	.112	.110	.108	.108	.107	.108	.109	.106
Salmon, canned	16-oz.	.223	.225	.240	.233	.234	.235	.233	.236	.236	.237
Tomatoes, canned	34-oz.	.189	.187	.188	.193	.189	.187	.191	.188	.190	.191
<b>Clothing</b>											
Boots, knee, rubber	Pair	4.28	4.33	4.28	4.35	4.38	4.33	4.32	4.40	4.34	4.37
Gingham, apron, domestic	Yard	.189	.203	.201	.205	.203	.206	.209	.209	.209	.203
Overalls	Pair	1.62	1.73	1.77	1.81	1.84	1.84	1.87	1.87	1.87	1.88
Sheeting, 80-inches wide	Yard	.573	.609	.619	.619	.613	.623	.630	.628	.627	.630
Shoes, work	Pair	3.48	3.50	3.43	3.63	3.60	3.60	3.64	3.55	3.59	3.52
Socks, work, cotton	do	.170	.174	.173	.182	.186	.188	.193	.189	.188	.187
Suits, wool serge, ready-made	Suit	25.83	25.95	26.12	26.95	26.79	27.26	27.35	26.93	27.00	26.98
<b>Household Articles</b>											
Blankets, cotton	Pair	2.74	2.64	2.69	2.79	2.88	2.90	2.94	2.94	2.93	2.84
Brooms for sweeping	Each	.74	.82	.87	.90	.86	.87	.87	.86	.86	.85
Dinner plates, plain	doz.	1.19	1.19	1.16	1.17	1.19	1.20	1.21	1.20	1.21	1.19
Fruit jars, Mason, 1-quart.	1 doz.	1.11	1.10	1.08	1.04	1.06	1.06	1.08	1.07	1.08	1.09
Frying pan, cast iron, 10-inch	Each	.67	.70	.65	.66	.66	.65	.70	.68	.70	.72
Kitchen chair, plain	do	1.59	1.59	1.67	1.60	1.67	1.68	.171	1.71	1.72	1.68
Oil lamp, glass body	do	.82	.84	.80	.83	.83	.84	.85	.84	.84	.82
Rugs, 9 by 12, tapestry	do	23.06	25.85	25.31	25.68	26.09	27.21	25.50	24.87	25.57	25.84
Rugs, 9 by 12, Brussels	do	36.48	38.56	38.66	36.94	37.45	38.59	39.54	38.34	38.12	38.56
Washtubs, heavy galvanized	do	1.26	1.25	1.24	1.24	1.23	1.25	1.32	1.25	1.24	1.23
<b>Building Material</b>											
Bricks, common	1,000	20.18	20.36	20.43	20.79	20.47	20.86	21.76	20.71	21.02	20.94
Boards, rough, 1 foot wide, b. m.	1,000	35.53	37.69	37.44	37.39	36.95	36.53	36.49	37.14	37.76	37.52
Flooring, clear, T. and G. b. m.	1,000	64.70	67.32	67.33	64.19	63.08	64.73	64.91	64.93	66.70	66.50
2-inch framing lumber	1,000	37.37	39.73	40.17	38.71	38.72	37.83	37.51	39.44	39.46	37.67
Horse paint, ready-mixed	Gal.	3.16	3.29	3.34	3.32	3.30	3.36	3.37	3.34	3.40	3.41
Lime, common lump	100 lbs.	1.71	1.79	1.75	1.76	1.64	1.66	1.86	1.77	1.73	1.67
Portland cement	96 lbs.	1.05	1.00	1.06	1.02	.99	1.01	1.02	1.01	1.00	.98
Roofing composition, 3-ply	108 sq. ft.	3.03	3.01	3.02	3.00	2.98	2.94	2.97	3.01	2.99	2.99
Roofing steel, galvanized, 2 $\frac{1}{2}$ cor. 29 gauge	100 sq. ft.	5.88	5.90	6.01	5.99	5.87	5.97	5.93	5.92	5.98	5.93
<b>Fuel</b>											
Coal, hard	Ton	16.16	15.76	15.71	16.11	16.16	15.83	16.29	15.63	15.87	15.62
Coal, soft	do	10.70	10.30	9.69	9.51	9.17	9.43	9.50	9.38	9.29	9.43
Gasoline	Gal.	.233	.259	.247	.200	.186	.182	.199	.230	.235	.237
Kerosene	do	.177	.181	.181	.169	.166	.168	.174	.178	.179	.179
<b>Machinery and Equipment</b>											
Auto tires, fabric, 30 by 3 $\frac{1}{2}$ inches	Each	10.77	10.85	10.91	10.44	10.18	10.12	10.27	10.25	10.07	9.87
Barbed wire (galvanized)	100 lbs.	4.87	5.05	5.26	5.19	5.14	5.21	5.19	5.15	5.23	5.19
Binder twine	9 Lb.	.132	.137	.134	.135	.133	.135	.136	.139	.137	.139
Centrifugal hand separator (250 qt.)	Each	79.10	80.63	81.91	84.06	80.78	85.63	85.31	84.65	83.36	83.52
Dairy milk cans (10 gallons)	Each	4.85	4.82	4.96	4.85	4.92	4.98	5.00	4.98	4.99	4.93
Engines, gasoline (3 H. P.)	do	97.44	100.48	103.45	103.00	98.44	100.21	103.99	99.00	100.49	101.66
Grain hider (7-feet)	do	201.61	206.95	217.97	215.19	217.34	215.43	222.81	223.15	225.39	221.06
Harrow, disk, 7-foot, single	do	53.36	54.51	55.25	53.00	54.61	55.49	57.74	57.47	58.99	59.75
Hay rakes, 2 horse, sulky	do	40.67	39.88	44.75	43.34	43.76	44.78	44.91	45.42	45.66	45.09
Horse collars, leather	do	5.06	5.24	5.37	5.26	5.37	5.43	5.40	5.41	5.41	5.32
Mower, 5-foot	do	74.39	76.92	81.39	81.00	78.67	80.95	81.22	80.68	81.32	82.96
Nails, 8d wire	Pound	.058	.060	.062	.061	.061	.062	.062	.062	.062	.062
Oil, machine, lubricating	Gal.	.69	.67	.69	.70	.69	.70	.71	.71	.68	.70
Pitchforks, 3 tines	Each	1.14	1.18	1.21	1.21	1.19	1.23	1.23	1.22	1.23	1.23
Plow, 2 horse, walking	do	18.24	18.83	18.94	19.83	19.64	20.00	19.92	19.87	20.74	20.39
Plow, riding, horse drawn, 2 bottom	do	85.10	89.54	91.79	89.47	91.98	93.92	95.00	92.45	98.17	97.41
Poultry netting, 5 hy 150 feet	Bale	6.51	6.29	6.41	6.42	6.42	6.18	6.41	6.23	6.61	6.35
Rope, manila	Pound	.266	.275	.273	.268	.264	.268	.273	.269	.272	.273
Wagons, double, complete	Each	123.26	129.99	134.42	134.00	134.32	137.53	135.68	337.23	135.99	134.60
<b>Fertilizer</b>											
Acid phosphate, 16 per cent.	Ton	20.10	21.12	21.31	20.95	21.11	20.96	21.09	20.27	19.53	18.99
Kainit	do	18.70	18.35	17.87	16.26	16.85	15.89	17.08	15.65	15.71	14.88
Limestone, ground	do	4.77	5.38	5.62	4.50	4.36	5.04	5.88	4.82	4.71	5.61
Muriate of potash	do	48.03	48.66	49.41	50.95	49.80	51.46	52.71	47.65	47.81	46.96
Nitrate of soda	100 lbs.	2.62	3.53	3.76	4.09	3.42	3.43	3.53	3.27	3.26	3.36
<b>Feeds</b>											
Bran	100 lbs.	1.75	1.95	1.85	1.84	1.87	1.82	1.83	1.85	1.84	1.81
Corn meal	do	2.27	2.29	2.58	2.60	2.64	2.51	2.44	2.53	2.55	2.49
Cotton seed meal	do	2.81	2.79	2.70	2.72	2.76	2.70	2.81	2.75	2.67	2.64
Linseed meal	do	3.10	2.99	2.92	2.95	2.99	2.97	2.93	2.96	2.89	2.83
Middlings	do	1.96	2.17	2.12	2.08	2.10	2.04	2.04	2.06	2.03	2.00
Rock salt for stock	do	1.34	1.29	1.35	1.27	1.27	1.22	1.27	1.26	1.26	1.23

New Jersey tomatoes for market show an increase of 5% to 10% in acreage, with most of the increase in the early planting. Plants are being held back by cool weather, but show good condition. Tomatoes for canning have from 15% to 20% increase in contracts.

The acreage of canteloupes planted in the Swedesboro section and other portions of Gloucester and Salem Counties of New Jersey was from 10% to 15% greater than last year. Growing conditions, however, have been generally unfavorable and production may not be any heavier than a year ago.

**Gross Value of Many Crops, per Acre**

All crops for which acreage has been estimated by the United States Department of Agriculture had an average farm value of \$18.11 per acre in 1921 and of \$22.41 in 1922. These crops include apples, peaches, and pears, the acreage of which has been computed from the number of trees in the census year 1920.

The total acreage estimate is 353,949,000 acres in 1921 and 356,037,000 acres in 1922, and the value of the crops produced on these acres was \$6,409,000,000 in 1921 and \$7,979,000,000 in 1922.

In selecting 1921 and 1922 for an exhibit of the farmer's gross value of various crops and groups of crops per acre, the object is to show the severest effects of the "deflation" period in 1921 and the partial recovery in 1922. Single years show

**Value of Specified Crops per Acre, 1921 and 1922<sup>1</sup>**

Crop	1921			1922		
	Acreage	Value of production		Acreage	Value of production	
		Total (000 omitted)	Per acre		Total (000 omitted)	Per acre
<b>CEREALES</b>						
	Acreage	Dols.	Dols.	Acreage	Dols.	Dols.
Barley.....	7,414,000	71,430	9.63	7,317,000	94,857	12.96
Buckwheat.....	680,000	12,829	18.87	764,000	19,962	26.13
Corn.....	103,740,000	1,601,793	15.44	102,846,000	2,196,951	21.36
Grain sorghums.....	4,635,000	62,467	13.48	5,064,000	87,446	17.27
Oats.....	45,495,000	361,244	7.94	40,790,000	468,084	11.48
Rice.....	921,000	35,802	38.87	1,055,000	38,562	36.55
Rye.....	4,528,000	50,265	11.10	6,672,000	70,079	10.50
Wheat.....	63,696,000	838,537	13.16	62,317,000	852,849	13.69
Total, above cereals.....	231,109,000	3,034,367	13.13	226,825,000	3,828,790	16.88
<b>FRUITS--ORCHARD</b>						
Apples.....	3,115,569	184,144	59.10	3,115,569	231,486	74.30
Peaches.....	800,420	69,605	86.96	800,420	85,065	106.27
Pears.....	295,546	19,453	65.82	295,546	27,925	94.49
Total, above fruits.....	4,211,535	273,202	64.87	4,211,535	344,474	81.79
<b>HAY</b>						
Tame.....	58,769,000	1,023,971	17.42	61,159,000	1,174,554	19.20
Wild.....	15,632,000	101,991	6.52	15,871,000	115,176	7.26
Total, hay.....	74,401,000	1,125,962	15.13	77,030,000	1,289,730	16.74
<b>VEGETABLES FOR SALE</b>						
Asparagus.....	33,230	6,432	193.56	33,970	10,560	310.86
Beans, snap.....	34,370	8,285	241.05	48,450	9,423	194.49
Cabbage.....	100,430	15,974	159.06	131,780	12,568	95.37
Cantaloupes.....	77,840	14,055	180.56	103,040	25,246	245.01
Cauliflower.....	8,940	2,945	329.42	9,220	5,498	596.31
Celery.....	14,880	9,112	612.37	18,096	9,640	532.89
Corn, sweet, canning.....	136,270	4,899	35.73	198,960	5,255	26.41
Cucumbers.....	80,360	11,080	137.88	81,789	11,798	144.27
Lettuce.....	31,240	14,976	479.39	44,230	16,810	380.06
Onions.....	57,070	18,587	325.69	63,299	15,876	250.85
Peas, green.....	138,380	9,192	66.43	177,710	12,528	70.50
Spinach.....	22,810	3,890	170.54	23,760	4,721	198.70
Tomatoes.....	160,290	20,885	130.30	343,420	37,646	109.62
Watermelons.....	155,980	11,158	71.53	211,060	9,469	44.86
Total, above vegetables.....	1,052,090	151,446	143.94	1,488,760	187,038	125.63
<b>MISCELLANEOUS</b>						
Beans, dry edible.....	777,000	29,097	37.45	1,074,000	49,408	46.00
Broomcorn.....	222,000	2,758	12.42	275,000	8,186	29.77
Clover seed.....	889,000	17,133	19.27	1,156,000	20,240	17.48
Cotton, lint and seed.....	30,509,000	779,341	25.54	33,036,000	1,305,883	39.53
Cranberries.....	25,000	6,526	261.04	25,000	5,702	228.08
Flaxseed.....	1,108,000	12,943	11.68	1,113,000	22,410	20.13
Hops.....	27,000	7,080	262.22	23,400	2,383	101.84
Peanuts.....	1,214,000	30,684	25.28	1,005,000	34,821	34.65
Potatoes (white).....	3,941,000	443,394	112.51	4,307,000	329,165	76.43
Sorghum sirup.....	518,000	28,681	55.37	447,000	25,855	57.84
Strawberries.....	109,590	37,688	343.90	132,800	38,412	289.25
Sugar beets for sugar.....	813,000	49,305	60.65	529,000	40,950	77.41
Sugar cane and sirup.....	529,400	58,202	109.94	546,600	52,546	95.13
Sweet potatoes.....	1,066,000	108,322	101.62	1,117,000	103,924	93.04
Tobacco.....	1,427,000	212,728	149.07	1,695,000	289,248	170.65
Total, all crops above.....	353,948,615	6,408,853	18.11	356,037,095	7,979,135	22.41

<sup>1</sup>The average weighted monthly price for the crop year has been used for most of the crops; for the others, the Dec. 1 price. The acreage of apples, peaches, and pears has been estimated from the census number of trees in 1920. For the following crops, the figures are for principal producing States: Grain sorghums, cabbage, onions, dry edible beans, broomcorn, cranberries, hops, and strawberries. The vegetables for sale and strawberries is the commercial crop, but market gardens are not included.

the actual crop results, which would not be shown by an average of a period of years, although a high or low yield per acre, compared with the average may be found in a single year.

Expanded agriculture in the production of the cereal crops is contrasted with the intensive form in the production of the truck crops. Eight cereal crops had an average value of \$13.13 per acre in 1921 and of \$16.88 in 1922, while the vegetable crops for sale had an average value of \$143.94 per acre in 1921 and of \$125.63 in 1922, not participating as a group in the general upward movement of crop value from 1921 to 1922. But the relatively low value per acre of the machine-produced cereals contrasts with the much higher value per acre of the human-labor production of the vegetables. It is to be understood that the costs of production and harvesting and such costs of marketing as fall on farmers are to be paid, if possible, out of gross values.

In a comparison of the various crops with one another for 1922, the most valuable crop per acre was cauliflower, with an average of \$596.31, followed in order by celery with \$532.89, lettuce \$380.06, asparagus \$310.86, strawberries \$289.25, onions \$250.85, cantaloupes \$245.01, cranberries \$228.08, spinach \$198.70, and snap beans \$194.49.

The great corn crop had an average value of \$21.36 per acre, above which were \$26.13 for buckwheat, \$26.41 for sweet corn for canning, and \$29.77 for broomcorn.

Cotton lint had the average farm price of 23.9 cents per pound in the crop year 1922-1923 and the average value of lint and seed per acre was \$39.53. For the largest crop of white potatoes ever raised, the average price for the crop year was 72.6 cents per bushel and the average value per acre was \$76.43, and sweet potatoes had the average value of \$93.04. Large crops of apples and pears in 1922 had the average value of \$74.30 per acre for apples and \$94.49 for pears.

**Distribution of Louisiana Sugar Cane Acreage, 1922-1924**

	1922	1923	1924 <sup>1</sup>
<b>22 sugar parishes:</b>			
Sugar.....	241,400	217,300	236,000
Sirup.....	9,500	13,900	10,000
Seed.....	52,700	70,600	54,000
Total.....	303,600	301,800	300,000
<b>Other parishes:</b>			
Sirup.....	13,600	13,200	13,400
Seed.....	2,400	2,500	2,600
Total.....	16,000	15,700	16,000
<b>Entire State:</b>			
Sugar.....	241,400	217,300	236,000
Sirup.....	23,100	27,100	23,400
Seed.....	55,100	73,100	56,600
Total.....	319,600	317,500	316,000

<sup>1</sup> Preliminary figures.

**Louisiana Sugar and Sirup, 1923**

[1 ton = 2,000 pounds]

Item	Year of cane harvest			
	1920	1921	1922	1923
Factories making sugar.....number.....	122	124	112	105
Sugar made:				
Pounds.....	338,254,000	648,861,430	590,190,213	324,046,042
Tons.....	169,127	324,431	295,095	162,023
Average sugar per ton of cane.....pounds.....	136.1	155.2	156.2	135.8
Cane used for sugar:				
Tons.....	2,492,524	4,180,780	3,778,110	2,386,648
Acre.....	182,843	226,366	241,433	217,259
Average cane per acre tons.....	13.6	18.5	15.6	11.1
Molasses made.....gallons.....	16,856,867	25,423,341	22,718,640	15,719,425
Average molasses per ton of cane.....gallons.....	6.8	6.1	6.0	6.6
Factories making sirup, (22 parishes) <sup>1</sup> .....number.....	52	52	59	46
Sirup made:				
22 parishes <sup>1</sup> .....gallons.....	2,111,928	2,422,388	2,962,527	3,894,940
Entire State.....gallons.....	4,639,885	6,454,388	6,489,527	6,718,420
Average sirup per ton of cane (22 parishes) <sup>1</sup> .....gallons.....	20.7	21.0	20.5	21.8
Cane used for sirup:				
(22 parishes) <sup>1</sup> .....tons.....	101,845	115,125	143,947	178,156
Entire State.....tons.....	224,205	307,125	324,827	329,956

<sup>1</sup>The 22 parishes in the Louisiana Cane-sugar Belt.



**Cold Storage Report for May 1, 1924**

Cold-storage holdings of apples were unusually high for this period. There was the equivalent of 2,098,000 barrels on hand compared with 1,070,000 a year ago and a five-year average of 864,000. The decrease for the month was 1,773,000.

Creamery butter showed an increase for the month of 1,135,000 lbs., the holdings being 8,977,000 lbs., compared with 3, 248,000 lbs. on the same date last year.

American cheese decreased by 2,135,000 lbs., the May 1 holdings still being considerably in excess of the normal. Holdings on May 1 were 26,159,000 lbs., a year ago 14,077,000 lbs. and

**Cold Storage Holdings on May 1, 1924, with Comparisons**

[Thousands, i. e., 000 omitted]

Commodity	Apr. 1, 5-year average	Apr. 1, 1923	Apr. 1, 1924	May 1, 5-year average	May 1, 1923	May 1, 1924
<b>Apples</b>						
Barrels.....	1 796	11, 199	11, 763	1 349	1 578	1, 056
Boxes.....	3, 078	3, 345	5, 837	1, 543	1, 475	2, 919
Baskets (bushel).....			471			207
Total apples (barrels) <sup>2</sup> .....	1, 822	2, 314	3, 871	864	1, 070	2, 098
<b>Lemons (boxes)</b>						
Domestic.....		4	14		12	35
Imported.....		1			1	
Total lemons.....		5	14		13	35
<b>Butter (pounds)</b>						
Creamery.....	10, 627	4, 824	7, 842	6, 401	3, 248	8, 977
<b>Cheese (pounds)</b>						
American.....	13, 937	14, 465	28, 294	12, 280	14, 077	26, 159
Swiss, including block.....	2, 250	2, 619	7, 362	1, 757	1, 853	6, 423
Brick and Munster.....	712	692	901	723	961	1, 023
Limburger.....	511	440	700	423	371	638
All other varieties.....	5, 252	3, 599	5, 156	5, 728	3, 930	5, 955
Total cheese.....	22, 662	21, 815	42, 413	20, 911	21, 192	40, 198
<b>Eggs</b>						
Cases.....	754	453	579	3, 741	3, 737	3, 609
Frozen (pounds).....	11, 737	10, 311	20, 736	13, 476	12, 921	23, 691
<b>Frozen Poultry (pounds)</b>						
Broilers.....	8, 826	8, 818	9, 150	6, 833	6, 503	6, 749
Roasters.....	25, 487	34, 041	25, 219	18, 853	27, 036	16, 378
Fowls.....	15, 019	15, 001	11, 235	9, 919	11, 099	7, 314
Turkeys.....	7, 905	13, 129	14, 075	6, 903	12, 206	11, 622
Miscellaneous varieties.....	18, 760	23, 883	16, 388	14, 440	17, 718	10, 031
Total frozen poultry.....	75, 997	94, 872	76, 067	56, 948	74, 562	52, 094
<b>Meats (pounds)</b>						
Beef, frozen.....	129, 748	65, 292	68, 075	111, 115	54, 522	52, 929
Beef, in process of cure.....	( <sup>3</sup> )	12, 047	12, 130	( <sup>3</sup> )	11, 667	11, 332
Beef, cured.....	26, 794	13, 163	13, 069	24, 570	12, 346	13, 916
Total beef.....	156, 542	90, 502	93, 274	135, 685	78, 535	78, 177
Pork, frozen.....	159, 791	189, 115	227, 284	160, 299	213, 224	215, 720
Pork, dry salt, in process of cure.....	( <sup>3</sup> )	109, 510	90, 759	( <sup>3</sup> )	109, 943	87, 415
Pork, dry salt cured.....	298, 990	96, 919	102, 175	300, 800	117, 785	103, 738
Pork, pickled, in process of cure.....	( <sup>3</sup> )	279, 370	301, 568	( <sup>3</sup> )	288, 525	280, 311
Pork, pickled, cured.....	395, 529	189, 760	210, 622	398, 200	210, 594	218, 086
Total pork.....	854, 310	864, 674	932, 408	859, 299	940, 071	905, 270
Lamb and mutton, frozen.....	11, 611	6, 635	1, 719	8, 635	5, 774	2, 085
Miscellaneous meats, frozen and cured.....	87, 503	69, 997	80, 460	83, 012	69, 385	74, 757
Total meats.....	1,109,966	1,031,808	1,107,861	1,086,631	1,093,765	1,050,289
Lard.....	105, 370	66, 743	85, 722	117, 592	85, 251	101, 945
<b>Fish (pounds)</b>						
Fish, frozen.....	31, 119	16, 724	29, 571	22, 832	10, 590	21, 489
Herring, cured.....	14, 268	15, 017	10, 914	14, 912	14, 741	8, 851
Salmon, mild cured.....	3, 658	2, 650	2, 136	3, 131	2, 247	1, 621

five-year average 12,280,000 lbs. Total holdings of cheese were 40,198,000 lbs.; a month ago there were 42,413,000 lbs.

The in-movement of eggs for the month was 3,030,000 cases. Stocks on hand were 3,609,000 cases compared with 3,737,000 cases a year ago and 3,741,000 cases, five-year average.

All varieties of poultry showed decided decreases for the month, the decrease on total holdings being 23,973,000 lbs. or approximately 31½% of the April holdings. The holdings of total poultry were 52,094,000 lbs., compared with 76,067,000 lbs. last month, 74,562,000 lbs. May 1 a year ago and 56,948,000 lbs. five-year average for May 1.

**Meats Placed in Cure or Frozen and Fish Frozen During Month**

[Thousands, i. e., 000 omitted]

Variety	Mar., 5-yr. av.	Mar., 1923	Mar., 1924	Apr., 5-yr. av.	Apr., 1923	Apr., 1924
	Beef frozen (pounds).....	12, 154	5, 317	5, 865	10, 400	5, 180
Beef placed in cure (pounds).....	8, 688	8, 484	7, 806	8, 211	9, 516	8, 427
Pork, frozen (pounds).....	44, 865	61, 824	59, 527	35, 938	55, 615	37, 411
Pork, dry salt, placed in cure (pounds).....	109, 732	119, 110	94, 026	91, 289	112, 638	85, 327
Pork, pickled, placed in cure (pounds).....	151, 561	199, 889	186, 067	148, 078	195, 175	178, 847
Lamb and mutton, frozen (pounds).....	742	835	214	815	424	457
Lard produced (pounds).....	125, 438	173, 551	177, 602	121, 020	179, 292	170, 104
	Feb. 15 to Mar. 15, 1922	Feb. 15 to Mar. 15, 1923	Feb. 15 to Mar. 15, 1924	Mar. 15 to Apr. 15, 1922	Mar. 15 to Apr. 15, 1923	Mar. 15 to Apr. 15, 1924
Fish, frozen.....	1, 364	1, 412	2, 414	1, 497	1, 400	2, 532

**Cold Storage Holdings May 1, 1924, by Sections**

[Thousands, i. e., 000 omitted]

Commodity	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
	<b>Apples</b>								
Barrels.....	34	364	336	147	146	13	12		4
Boxes.....	50	242	574	328	143	72	154	521	1,304
Baskets (bushel).....	1	133	47	15	5	4	1	1	
<b>Lemons (boxes)</b>									
Domestic.....			2	11	8	1	3	8	
Imported.....									2
<b>Butter (pounds)</b>									
Creamery.....	1, 275	4, 563	455	336	110	16	207	521	1,933
<b>Cheese (pounds)</b>									
American.....	2, 970	7, 900	11, 192	776	236	298	462	1,364	961
Swiss, including block.....		1, 088	4, 885	60	36	5	7	37	305
Brick and Munster.....		122	586	160	4	3	4	16	128
Limburger.....		140	437	11		1	1	1	47
All other varieties.....	129	3, 722	1, 529	96	49		42	15	373
<b>Eggs</b>									
Cases.....	196	857	810	806	47	186	172	75	460
Frozen (pounds).....	1, 141	8, 804	6, 592	3, 717	521	186	106	57	2,567
<b>Frozen Poultry (pounds)</b>									
Broilers.....	655	2, 642	2, 572	582	82	43	43	6	124
Roasters.....	1, 856	6, 949	6, 094	1, 114	79	8	27	2	249
Fowls.....	1, 200	1, 990	2, 418	420	262	25	51	30	418
Turkeys.....	1, 507	3, 214	4, 885	932	98	31	211	36	1,108
Miscellaneous varieties.....	1, 152	4, 571	3, 070	857	50	41	37	42	211
<b>Meats (pounds)</b>									
Beef, frozen.....	1, 863	5, 584	28, 399	11, 972	623	101	2,730	414	1,243
Beef, in process of cure.....	469	2, 321	5, 553	1, 876	273	10	605	39	186
Beef, cured.....	386	923	9, 448	2, 762	149	1	32	51	164
Pork, frozen.....	11, 618	15, 872	95, 895	70, 682	3, 658	1, 222	3, 903	4, 254	8, 556
Pork, dry salt, in process of cure.....	2, 041	3, 520	31, 357	43, 792	2, 500	1, 925	890	769	621
Pork, dry salt, cured.....	2, 089	2, 857	49, 618	37, 052	4, 746	1, 054	5, 213	766	343
Pork, pickled in process of cure.....	9, 403	29, 617	98, 061	117, 223	6, 270	3, 393	4, 106	4, 153	7, 995
Pork, pickled, cured.....	9, 469	15, 891	88, 675	79, 597	10, 514	1, 381	3, 654	2, 844	6, 061
Lamb and mutton, frozen.....	426	1, 225	220	135	27		18	11	43
Miscellaneous meats, frozen and cured.....	2, 606	6, 369	26, 651	32, 429	2, 215	249	1, 608	1, 337	1, 293
Lard.....	3, 059	8, 968	51, 090	25, 017	1, 934	948	1, 871	2, 684	6, 374
Fish, frozen (Apr. 15, 1924).....	2, 206	7, 462	3, 179	3, 474	223	73	45	33	4, 794
Herring, cured (Apr. 15, 1924).....	362	5, 365	2, 193	131	110				37
Salmon, mild cured (Apr. 15, 1924).....	42	1, 044	112	12	34				377

<sup>1</sup> Includes bushel baskets reported separately since October, 1923.  
<sup>2</sup> Three boxes are considered the equivalent of one barrel.  
<sup>3</sup> Prior to 1920, figures for cured meats included those for meats still in process of cure.

Livestock and Meat Situation, April, 1924

Inspected slaughter of cattle, hogs, sheep and lambs was less during April, 1924 than for the same month of 1923, while calf slaughter showed an increase. When comparison is made with the three-year average, sheep and lambs show a decrease and other species a marked increase.

The average live weight of cattle was 8.54 pounds less in April this year than a year earlier, the average dressed weight shows a decrease of 15.90 pounds, while the total dressed weight was over fifteen million pounds less. Lighter live and dressed weights of hogs with a smaller number slaughtered resulted in a decrease of over 44 million pounds in the total dressed weight for the month as compared with the corresponding period of 1923. Lard production per 100 pounds live weight was 0.63 of a pound greater. The total dressed weight of sheep and lambs was over three million eight hundred thousand pounds less than for the corresponding period of a year earlier.

Exports of cured pork, while large, were nearly eleven and one-half million pounds less than for the month of April, 1923, while lard exported decreased over 13 million pounds. Exports of beef and veal, tallow, oleo oil and stearin were greater in April this year than last, which was also true of lamb and mutton. Imports of lard and mutton, while well under a million pounds were considerably larger than for April, 1923. Fresh pork, beef and veal imports were also larger.

Prices of good steers at Chicago were \$1.61 higher than the April, 1923 average, while beef of that grade averaged \$2.49 higher at eastern markets. Veal calves on the other hand, sold at 11¢ per 100 lbs. less, although veal carcasses brought 57¢ more on the average. Hogs at Chicago averaged 85¢ per 100 lbs. less, and while pork loins at eastern markets show a gain of \$2.06, bacon was \$3.80 lower, hams 76¢ and lard 53¢ under the average for April of the preceding year. Lamb prices at Chicago were \$1.87 and dressed lamb at eastern markets \$4.46 higher, while sheep were \$1.10 and mutton \$3.99 higher respectively.

Animals Slaughtered Under Federal Inspection, April, 1924

[Reported by the Bureau of Animal Industry]

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore	7,663	2,477	2,201	1	100,156
Brooklyn	6,247	9,279	22,052	1	
Buffalo	7,627	6,060	7,141		86,747
Chicago	149,474	83,434	163,801	1,036	548,420
Cincinnati	10,643	10,660	3,031	7	72,468
Cleveland	7,785	8,948	8,747		89,899
Detroit	5,023	8,314	5,168		102,969
Fort Worth	26,175	15,573	21,528	890	38,400
Indianapolis	16,813	4,870	1,309		120,344
Jersey City	4,825	13,517	28,962		72,555
Kansas City	74,871	22,729	93,982	3,472	238,302
Milwaukee	10,076	59,027	3,060		99,751
National Stock Yards	23,277	12,158	15,638	16	127,041
New York	29,042	53,551	101,993	61	109,537
Omaha	82,751	6,613	110,574	33	269,640
Philadelphia	8,760	8,506	16,007		102,390
St. Louis	12,615	4,329	2,984	2	160,020
Sioux City	29,222	1,774	12,117		188,264
South St. Joseph	26,598	6,180	76,310	4	101,435
South St. Paul	30,157	48,338	8,213		231,413
All other establishments	119,546	79,383	154,956	368	1,213,497
<b>Total:</b>					
April, 1924	689,190	465,720	859,774	5,891	4,073,248
April, 1923	696,757	400,322	959,697	1,532	4,179,438
10 months ended Apr., 1924	7,745,739	3,790,126	9,570,335	28,451	45,851,364
10 months ended Apr., 1923	7,540,113	3,483,083	9,517,040	21,142	39,972,406

Horses slaughtered at all establishments, April, 1924, 471. Inspections of lard prepared at all establishments, 168,093,172 pounds; compound and other substitutes 33,980,660 pounds. Corresponding inspections for April, 1923: Lard, 184,686,715 pounds; compound and other substitutes, 23,572,433 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

Carcasses Condemned During March, 1924

Cause	Cattle	Calves	Sheep	Swine
Emaciation	549	292	118	114
Hog cholera				2,073
Inflammatory diseases	683	243	324	2,676
Immaturity		910		
Tuberculosis	4,896	57		8,576
All other causes	1,527	153	380	4,464
<b>Total</b>	<b>7,655</b>	<b>1,655</b>	<b>822</b>	<b>17,903</b>

Receipts and Disposition of Livestock at Public Stockyards

May, 1924, with Comparisons

[Thousands, i. e., 000 omitted]

Class and year	Receipts			Local slaughter			Stocker and feeder shipments			Total shipments		
	May	5 m o s . Jan.-May	Total for year	May	5 m o s . Jan.-May	Total for year	May	5 m o s . Jan.-May	Total for year	May	5 m o s . Jan.-May	Total for year
<b>Cattle and calves:</b>												
1916	1,385	5,994	17,676	818	3,655	10,294	289	1,219	3,847	528	2,157	6,953
1917	1,961	7,828	23,066	1,153	4,817	13,275	401	1,429	4,803	790	2,577	9,473
1918	1,863	8,847	25,295	1,080	5,383	14,874	491	1,631	5,013	790	3,365	10,311
1919	1,836	8,691	24,623	1,037	5,181	13,633	442	1,738	5,286	801	3,406	10,757
1920	1,778	8,359	22,197	986	4,951	12,194	323	1,397	4,102	784	3,446	9,831
1921	1,542	7,436	19,787	924	4,487	11,078	214	1,058	3,504	597	2,884	8,600
1922	1,878	8,015	23,218	1,086	4,727	12,435	359	1,352	4,864	780	3,233	10,665
1923	1,900	8,376	23,211	1,173	5,165	13,030	300	1,223	4,553	716	3,159	10,060
1924	1,890	8,542		1,141	5,310		275	1,101		746	3,177	
<b>Calves only:</b>												
1920	475	2,097	5,337	366	1,615	3,875	11	57	121	102	487	1,455
1921	478	2,086	5,477	364	1,579	3,799	7	30	178	107	485	1,604
1922	520	2,236	6,077	387	1,665	4,189	21	67	320	134	571	1,933
1923	594	2,435	6,212	461	1,835	4,443	12	67	249	138	635	1,869
1924	574	2,551		447	1,947		8	41		130	628	
<b>Hogs:</b>												
1916	3,332	19,215	43,265	2,493	13,692	30,984	14	69	194	816	5,373	11,979
1917	3,264	18,612	38,042	2,361	12,540	25,440	28	164	788	905	6,081	12,571
1918	3,345	20,395	44,863	2,261	13,263	30,441	76	359	989	1,085	7,068	14,373
1919	3,831	21,389	44,469	2,635	14,769	30,018	98	410	902	1,197	6,588	14,366
1920	4,210	19,857	42,121	2,790	12,770	26,761	66	424	728	1,271	7,004	15,298
1921	3,328	18,653	41,101	2,270	12,236	26,335	39	271	499	1,045	5,024	11,709
1922	3,737	18,105	44,067	2,572	11,587	28,737	70	289	593	1,149	6,512	15,332
1923	4,524	23,567	55,330	3,072	15,446	36,172	67	342	820	1,443	8,095	19,142
1924	4,321	25,116		2,735	15,763		46	252		1,608	8,345	
<b>Sheep:</b>												
1916	1,347	6,376	20,692	850	4,062	11,228	67	337	3,277	489	2,237	9,193
1917	1,059	6,429	20,216	628	3,892	9,142	76	480	4,448	424	2,507	11,010
1918	1,214	6,093	22,485	634	3,280	10,266	161	756	5,208	570	2,807	12,204
1919	1,468	6,925	27,256	834	4,104	12,646	160	863	6,956	643	3,334	14,585
1920	1,488	7,299	23,538	706	3,941	10,981	234	1,089	5,180	818	3,395	12,563
1921	1,916	8,650	24,168	1,015	5,091	12,858	123	463	3,095	926	3,597	11,333
1922	1,692	7,618	22,364	852	3,997	10,669	145	738	4,167	832	3,617	11,677
1923	1,794	7,673	22,025	888	4,154	10,271	216	752	4,478	900	3,513	11,730
1924	1,344	7,168		723	3,813		118	562		629	3,363	

Apparent Per Capita Consumption of Federally Inspected Meat; April, 1924

	Beef and veal		Pork		Lamb and mutton		Total	
	Total	Per capita <sup>1</sup>	Total	Per capita <sup>1</sup>	Total	Per capita <sup>1</sup>	Total	Per capita <sup>1</sup>
	Million lbs.	Lbs.	Million lbs.	Lbs.	Million lbs.	Lbs.	Million lbs.	Lbs.
April, 1924	414	3.7	564	5.0	34	.3	1,012	9.1
March, 1924	385	3.4	521	4.7	35	.3	942	8.4
Increase or decrease	+29	+3	+43	+3	-1	(?)	+70	+7
Per cent <sup>1</sup>	+7.3		+8.2		-2.8		+7.4	
April, 1924	414	3.7	564	5.0	34	.3	1,012	9.1
April, 1923	416	3.8	477	4.3	39	.3	931	8.4
Increase or decrease	-2	-.1	+87	+7	-5	(?)	+81	+7
Per cent <sup>1</sup>	-.7		+18.4		-11.2		+8.6	

<sup>1</sup> Per capita consumption and per cent of increase or decrease were computed on full number of pounds.  
<sup>2</sup> Difference slight, disregarded.

Report of Hides and Skins

April, 1924, with Comparisons

Kinds	Stocks on hand				Number disposed of during		
	Apr. 30, 1924	Mar. 31, 1924	Apr. 30, 1923	Average, Apr. 30, 1921, 1922, and 1923	April, 1924	April, 1923	Average, April, 1921, 1922, and 1923
Cattle	4,277,958	4,688,563	6,229,421	6,396,791	1,322,607	1,565,697	1,351,968
Calf and kip	2,799,020	2,515,550	3,830,522	4,118,675	998,846	1,271,242	1,019,702
Sheep and lambs	5,751,892	6,192,552	9,274,991	11,367,860	2,690,088	3,657,001	2,740,157
Goat and kid	7,957,019	7,195,454	8,800,071	8,648,334	1,753,927	1,565,104	1,326,706

Report of the Livestock and Meat Situation, April, 1924, with Comparisons

	April			January-April		
	3-year average <sup>1</sup>	1923	1924	3-year average <sup>1</sup>	1923	1924
<b>Cattle, Calves, Beef, and Veal</b>						
Inspected slaughter:						
Cattle.....	625,872	696,757	689,190	2,555,018	2,763,210	2,835,856
Calves.....	377,062	403,322	465,720	1,334,225	1,416,381	1,560,881
Carcasses condemned:						
Cattle.....	4,596	5,822	6,475	19,838	23,305	28,522
Calves.....	1,441	1,423	1,432	4,744	5,209	6,014
Average live weight:						
Cattle..... pounds.....	997.53	970.54	962.00	995.11	<sup>2</sup> 974.22	<sup>2</sup> 965.40
Calves..... do.....	137.60	141.78	146.92	152.14	<sup>2</sup> 155.42	<sup>2</sup> 159.61
Average dressed weight:						
Cattle..... do.....	548.15	538.75	522.85	542.63	<sup>2</sup> 534.34	<sup>2</sup> 520.22
Calves..... do.....	80.09	82.06	89.02	88.64	<sup>2</sup> 91.60	<sup>2</sup> 94.45
Total dressed weight (carcass, not including condemned): <sup>3</sup>						
Beef..... pounds.....	340,215,225	372,241,231	356,957,538	1,374,692,281	1,463,822,948	1,459,511,576
Veal..... do.....	30,103,886	32,733,652	41,330,918	116,976,657	128,472,553	146,433,436
Storage:						
Beginning of month—						
Fresh beef..... do.....	76,709,000	65,292,000	68,075,000	86,269,000	<sup>2</sup> 80,493,000	<sup>2</sup> 76,943,000
Cured beef..... do.....	22,745,000	25,210,000	25,199,000	21,925,000	<sup>2</sup> 24,872,000	<sup>2</sup> 23,435,000
End of month—						
Fresh beef..... do.....	66,845,000	54,522,000	52,929,000	79,570,000	<sup>2</sup> 71,061,000	<sup>2</sup> 69,429,000
Cured beef..... do.....	21,565,000	24,013,000	25,248,000	22,030,000	<sup>2</sup> 24,737,000	<sup>2</sup> 24,099,000
Exports: <sup>4</sup>						
Fresh beef and veal..... do.....	182,998	161,007	202,130	3,920,333	1,272,357	1,002,995
Cured beef..... do.....	1,779,441	1,936,646	1,848,137	7,707,176	7,382,343	6,283,773
Canned beef..... do.....	265,296	116,949	114,536	1,515,145	642,528	685,464
Oleo oil and stearin..... do.....	10,858,742	8,961,539	9,179,004	41,921,517	38,756,434	32,404,826
Tallow..... do.....	1,523,968	1,616,133	2,981,613	6,727,346	6,117,890	10,064,329
Imports, fresh beef and veal..... do.....	2,127,713	1,589,918	2,450,176	6,050,941	3,770,381	6,649,183
Receipts, cattle and calves: <sup>5</sup>	1,544,682	1,670,186	1,750,664	6,168,543	6,475,796	6,651,491
Stocker and feeder shipments: <sup>5</sup>	235,107	232,686	238,763	919,855	922,285	825,960
Cattle on farms Jan. 1.....		67,240,000	66,801,000			
Prices per 100 pounds:						
Cattle, average cost for slaughter.....	\$7.27	\$7.51	\$7.57	\$7.04	<sup>2</sup> \$7.04	<sup>2</sup> \$7.01
Calves, average cost for slaughter.....	\$7.95	\$7.98	\$8.49	\$8.89	<sup>2</sup> \$8.66	<sup>2</sup> \$8.77
At Chicago—						
Cattle, good steers.....	\$8.79	\$9.39	\$11.00	\$9.23	<sup>2</sup> \$9.77	<sup>2</sup> \$10.68
Veal calves.....	\$7.92	\$8.68	\$8.57	\$9.37	<sup>2</sup> \$9.68	<sup>2</sup> \$9.45
At eastern markets—						
Beef carcasses, good grade.....	\$14.81	\$14.12	\$16.61	\$14.57	<sup>2</sup> \$14.10	<sup>2</sup> \$15.84
Veal carcasses, good grade.....	\$16.30	\$15.97	\$16.54	\$18.36	<sup>2</sup> \$17.16	<sup>2</sup> \$18.06
<b>Hogs, Pork, and Pork Products</b>						
Inspected slaughter, hogs.....	3,376,162	4,179,438	4,073,248	15,446,374	18,381,833	19,527,152
Carcasses condemned.....	12,702	16,749	16,410	56,661	72,710	77,413
Average live weight..... pounds.....	226.37	228.85	223.67	226.11	<sup>2</sup> 227.90	<sup>2</sup> 221.06
Average dressed weight..... do.....	174.29	176.47	170.21	174.39	<sup>2</sup> 177.04	<sup>2</sup> 168.71
Total dressed weight (carcass, not including condemned): <sup>3</sup>	587,107,198	734,589,728	690,514,396	2,687,823,338	3,241,196,511	3,277,054,280
Lard per 100 pounds live weight..... do.....	16.72	17.19	17.82	16.45	<sup>2</sup> 16.93	<sup>2</sup> 17.53
Storage:						
Beginning of month—						
Fresh pork..... do.....	169,281,000	189,115,000	227,284,000	126,443,000	<sup>2</sup> 133,992,000	<sup>2</sup> 179,384,000
Cured pork..... do.....	596,983,000	675,559,000	705,124,000	526,085,000	<sup>2</sup> 592,956,000	<sup>2</sup> 650,679,000
Lard..... do.....	93,796,000	66,743,000	85,722,000	73,014,000	<sup>2</sup> 57,730,000	<sup>2</sup> 64,450,000
End of month—						
Fresh pork..... do.....	172,612,000	213,224,000	215,720,000	151,385,000	<sup>2</sup> 168,963,000	<sup>2</sup> 201,635,000
Cured pork..... do.....	606,222,000	726,847,000	689,550,000	568,700,000	<sup>2</sup> 648,817,000	<sup>2</sup> 677,529,000
Lard..... do.....	111,245,000	85,251,000	87,789,000	87,789,000	<sup>2</sup> 66,651,000	<sup>2</sup> 77,602,000
Exports: <sup>4</sup>						
Fresh pork..... do.....	3,020,956	4,177,404	1,982,721	17,665,037	17,684,395	15,022,598
Cured pork..... do.....	58,740,539	71,291,408	59,877,875	243,721,398	287,647,389	295,283,977
Canned pork..... do.....	183,681	217,722	368,317	586,509	602,619	1,206,750
Sausage..... do.....	789,293	1,001,817	1,015,381	3,104,524	3,567,134	4,454,249
Lard..... do.....	62,256,449	88,601,294	75,348,120	325,992,964	403,435,258	416,853,205
Imports, fresh pork..... do.....	69,751	140,813	179,478	351,910	461,130	506,514
Receipts of hogs: <sup>5</sup>	3,537,974	4,317,842	4,373,505	16,245,237	19,043,118	20,794,211
Stocker and feeder shipments: <sup>5</sup>	63,068	76,150	57,105	241,940	274,670	205,777
Hogs on farms Jan. 1.....		68,227,000	65,301,000			
Prices per 100 pounds:						
Average cost for slaughter.....	\$8.96	\$8.04	\$7.24	\$9.02	<sup>2</sup> \$8.20	<sup>2</sup> \$7.15
At Chicago—Live hogs, medium weight.....	\$9.15	\$8.26	\$7.41	\$9.16	<sup>2</sup> \$8.27	<sup>2</sup> \$7.28
At eastern markets—						
Fresh pork loins, 10-14 lbs.....	\$20.56	\$14.46	\$16.52	\$18.62	<sup>2</sup> \$14.80	<sup>2</sup> \$14.40
Shoulders, skinned.....	\$14.18	\$11.78	\$10.54	\$14.36	<sup>2</sup> \$12.60	<sup>2</sup> \$10.23
Picnics, 6-8 lbs.....	\$12.76	\$10.00	\$9.34	\$12.87	<sup>2</sup> \$10.80	<sup>2</sup> \$9.01
Butts, Boston style.....	\$16.74	\$13.40	\$13.54	\$16.70	<sup>2</sup> \$14.46	<sup>2</sup> \$12.78
Bacon, breakfast.....	\$26.10	\$23.50	\$19.70	\$26.81	<sup>2</sup> \$25.16	<sup>2</sup> \$19.77
Hams, smoked, 10-12 lbs.....	\$26.96	\$21.07	\$20.31	\$25.35	<sup>2</sup> \$20.77	<sup>2</sup> \$20.32
Lard, tierces.....	\$12.30	\$12.67	\$12.14	\$12.77	<sup>2</sup> \$12.68	<sup>2</sup> \$12.50
<b>Sheep, lamb, and mutton</b>						
Inspected slaughter, sheep and lambs.....	913,147	959,697	859,774	3,747,839	3,794,897	3,723,255
Carcasses condemned.....	762	1,032	911	3,936	4,662	4,065
Average live weight..... pounds.....	83.38	81.95	83.19	85.80	<sup>2</sup> 85.72	<sup>2</sup> 84.69
Average dressed weight..... do.....	39.54	39.31	39.41	40.42	<sup>2</sup> 40.74	<sup>2</sup> 39.58
Total dressed weight (carcass, not including condemned): <sup>3</sup>	36,071,915	37,685,121	33,847,791	151,471,871	154,350,575	147,149,688
Storage, fresh lamb and mutton:						
Beginning of month..... do.....	16,011,000	6,635,000	1,719,000	23,578,000	<sup>2</sup> 5,724,000	<sup>2</sup> 1,730,000
End of month..... do.....	10,991,000	5,774,000	2,055,000	19,742,000	<sup>2</sup> 6,635,000	<sup>2</sup> 2,071,000
Exports, fresh lamb and mutton: <sup>4</sup>	4,261,479	63,886	85,441	16,432,716	638,079	368,830
Imports, fresh lamb and mutton..... do.....	460,979	49,328	802,750	8,776,490	3,324,307	1,110,470
Receipts of sheep: <sup>5</sup>	1,450,224	1,447,092	1,347,600	6,179,813	5,878,793	5,824,127
Stocker and feeder shipments: <sup>5</sup>	95,247	81,882	104,870	489,640	536,238	443,472
Sheep on farms Jan. 1.....		37,223,000	38,361,000			
Prices per 100 pounds:						
Average cost for slaughter.....	\$11.60	\$12.41	\$14.09	\$11.34	<sup>2</sup> \$12.61	<sup>2</sup> \$13.50
At Chicago—						
Lambs 84 lbs. down, medium-prime.....	\$12.42	\$13.76	\$15.63	\$12.49	<sup>2</sup> \$14.08	<sup>2</sup> \$14.58
Sheep, medium to choice.....	\$7.98	\$8.74	\$9.84	\$7.31	<sup>2</sup> \$8.20	<sup>2</sup> \$8.82
At eastern markets—						
Lamb carcasses, good grade.....	\$24.50	\$23.59	\$28.05	\$24.07	<sup>2</sup> \$23.68	<sup>2</sup> \$25.16
Mutton, good grade.....	\$17.03	\$16.04	\$20.03	\$15.31	<sup>2</sup> \$14.83	<sup>2</sup> \$18.29

<sup>1</sup> 1921, 1922, and 1923.

<sup>2</sup> Average, not total.

<sup>3</sup> Prior to March, 1924, the total dressed weight was computed on total number of animals slaughtered under Federal inspection, owing to the fact that the figures for the number condemned were not available at the time our reports were issued; computations are now based on the number slaughtered minus the number condemned.

<sup>4</sup> Including reexports.

<sup>5</sup> Public stockyards.

Receipts and Disposition of Livestock at Public Stockyards for May

(66 markets)

Table with columns for Markets, Receipts (1923, 1924), Local slaughter (1923, 1924), Stocker and feeder shipments (1923, 1924), Total shipments (1923, 1924), Calves Receipts (1923, 1924), Calves Local slaughter (1923, 1924), Stocker and feeder shipments (1923, 1924), and Horses and mules receipts (1923, 1924). Rows list various markets like Albany, N.Y., Amarillo, Tex., Atlanta, Ga., etc., followed by a 'Total' row and comparison rows for 5-month totals and 5-year averages.

1 Disposition of stock not reported.

2 Calves included with cattle.

NOTE.—This report does not include direct shipments to packers, except when such shipments pass through the stockyards.



Livestock Inspected at Markets for Shipment to Country, April, 1924, with Comparisons

(Feeding Stock only)

Table with columns for Origin and destination, Cattle (4-yr. av., Apr. 1923, Apr. 1924), Sheep (4-yr. av., Apr. 1923, Apr. 1924), and Swine (4-yr. av., Apr. 1923, Apr. 1924). Rows include Market origin (Atlanta, Baltimore, Buffalo, etc.) and State destination (Massachusetts, Connecticut, New York, etc.).

Monthly Meat Supplies at Three Eastern Markets

April 30-May 1, 1923; May 10-May 31, 1924

Table with columns for Boston, New York, Philadelphia (1924, 1923) and rows for RECEIPTS (Western dressed meats: Steers, Cows, Bulls, Veal, Hogs, Lamb, Mutton, Goats, Beef cuts, Veal cuts, Pork cuts, Lamb cuts, Mutton cuts) and LOCAL SLAUGHTER (Federal inspection: Cattle, Calves, Hogs, Sheep, Goats, Horses; City inspection: Cattle, Calves, Hogs, Sheep, Goats, Mutton, Veal saddles).

Estimated Yield and Production of Animal By-Products from Slaughter Under Federal Inspection

April, 1924, with Comparisons

Table with columns for Class, Average wt. per animal (Apr. 1, 1923, to Mar. 31, 1924; Apr. 1, 1924), Per cent of live weight (Apr. 1, 1923, to Mar. 31, 1924; Apr. 1, 1924), and Production (Apr. 1923, April average, 1921-1923, April 1924, April 1924, Per cent April, 1924, is of average). Rows include Edible beef fat, Edible beef offal, Cattle hides, Edible calf fat, Edible calf offal, Lard, Edible hog offal, Pork trimmings, Inedible grease, Sheep edible fat, Sheep edible offal.

<sup>1</sup> Unrendered.

<sup>2</sup> Rendered

May Movement of Livestock

Receipts, local slaughter, and stocker and feeder shipments of livestock were less during May of this year than for the same month of 1923. Total shipments of calves, sheep and lambs, and horses and mules were also smaller, but cattle and hog shipments were larger.

Receipts of cattle and calves showed a decrease of one-half of one per cent as compared with May, 1923, but were 5.8 per cent larger than the 5 year average for the month. Hog receipts were 4.5 per cent less than in May of the preceding year, but still 10.1 per cent above the 5 year average for May. Sheep and lamb receipts on the other hand were 25.1 per cent under the May 1923 figures, and 19.6 per cent less than the 5 year average.

Stocker and feeder shipments to the country for further finishing showed marked declines. Sheep and lambs led in the decrease on a percentage basis, being 45.3 per cent less than in May of the preceding year, and 32.7 per cent less respectively, while cattle and calves dropped 8.6 and 16.2 per cent.

<sup>1</sup> 3-year average.

<sup>2</sup> 2-year average.

<sup>3</sup> Average of totals.

Sale Prices of Purebred Animals

BEEF CATTLE

Prices of purebred beef bulls during 1923 were steady with those in 1922 but heifers and cows were lower, according to reports submitted by breeders to the United States Department of Agriculture. This was true when sales of all breeds of beef cattle were combined.

Average prices ranged from \$79 per head for heifer calves to \$185 for bulls over three years of age. The breeds included were: Aberdeen Angus, Hereford, Red Polled, and Shorthorn. The following report covers sales of 3,645 bulls under one year of age, 4,461 bulls over one year and under three years; 340 aged bulls; 1,323 heifers under one year of age; 2,873 cows and heifers over one year and under three years, and 2,471 cows over three years of age. Average prices, both auction and private combined, for the different ages for 1922 and 1923 were:

Age	1922	1923
Bulls under 1 year of age	\$92	\$87
Bulls over 1 year and under 3 years	125	135
Bulls over 3 years of age	184	185
Heifers under 1 year of age	103	79
Heifers and cows over 1 and under 3 years of age	141	112
Cows over 3 years of age	141	106

Bulls, cows, and heifers over one year and under three years of age brought \$30 more per head at auction than at private sale but in the case of all other ages, auction prices were practically the same as those received when the animals were sold privately. The top price reported for males was \$5,000 and for females \$1,550.

This report shows that some of the prices were very little if any higher than central market prices for the better grades of steers, which accounts for the large number of breeders castrating their bull calves and selling them as steers.

DAIRY CATTLE

Average sale prices of purebred dairy cattle for the year ending December 31, 1923, ranged from \$133 for bulls under one year to \$268 for bulls over three years of age, according to reports submitted by breeders to the United States Department of Agriculture. The breeds included were: Ayrshire, Guernsey, Holstein, Jersey and Brown Swiss. More than twice as many animals were disposed to at private sale as were sold at auction. Auction prices, however, averaged from \$25 to \$50 per head higher than those realized in private sales. Aged bulls were

an exception, such animals bringing more in private sales than at auction.

The following comparison by ages shows that prices in 1923 were somewhat lower than in 1922:

Ages	1922	1923
Bulls under 1 year of age	\$156	\$133
Bulls over 1 and under 3 years of age	221	206
Bulls over 3 years of age	435	268
Heifers under 1 year of age	131	133
Cows and heifers over 1 and under 3 years of age	211	229
Cows over 3 years of age	285	261

The top bull and cow each brought \$7,500. The number of animals represented were: Calves under one year of age 4,845; bulls over one year and under three 947; bulls over three years 156; heifers and cows over one year and under three 2,479 and cows over three years of age 2,977.

HOGS

The relatively low price of slaughter hogs and comparatively high price of corn during 1923 apparently affected the price of purebred swine, for prices of the latter were lower during 1923 than in 1922, according to reports from breeders to the United States Department of Agriculture. This was true of combined sales of all breeds.

Average prices by ages and sexes in 1922 and 1923 were as follows:

Ages	1922	1923
Pigs under 8 months of age	\$30	\$24
Boars over 8 months and under 2 years of age	42	25
Boars over 2 years of age	74	60
Gilts over 8 months of age, bred	47	41
Gilts over 8 months, not bred		27
Sows, bred	59	49
Sows, not bred		34

The breeds included were: Duroc Jersey, Hampshire, Poland China, Chester White, and Berkshire. The number of animals represented were 12,783 pigs under 8 months of age, 3,519 boars over 8 months and under 2 years of age, 158 boars over 2 years of age, 7,054 bred gilts, 1,793 gilts not bred, 4,076 bred sows, and 671 sows not bred.

More detailed reports may be had upon request to the United States Department of Agriculture, Washington, D. C.

Sale Prices of Purebred Animals, July 1-December 31, 1923

BEEF CATTLE

Name of breed	Bulls under 1 year of age			Bulls over 1 year and under 3 years of age			Bulls over 3 years of age			Females under 1 year of age			Females over 1 year and under 3 years of age			Cows over 3 years of age			Number sold		
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Total	At \$250 or more	At \$50 or less
Aberdeen Angus	20	\$480.00	\$102.72	13	\$500.00	\$194.42	2	\$1,070.00	\$635.00	11	\$525.00	\$85.36	134	\$1,550.00	\$129.27	66	\$150.00	\$88.55	770	32	154
Hereford	60	500.00	80.88	94	1,500.00	147.20	16	250.00	132.03	80	200.00	51.50	133	1,000.00	95.90	80	500.00	115.39			
Polled	470	1,000.00	81.27	596	1,500.00	194.56	42	5,000.00	332.50	143	300.00	52.01	347	750.00	102.32	357	1,200.00	109.22	2,510	192	622
Hereford	8	125.00	54.06	1	100.00	100.00	1	105.00	105.00	11	80.00	63.64	1	45.00	45.00	28	117.00	65.07			
Hereford	68	350.00	110.18	44	500.00	136.59	5	500.00	198.23	5	150.00	70.00	27	150.00	76.81	14	200.00	130.71	213	5	27
Red Polled	9	178.00	79.78	5	165.00	109.88	4	150.00	81.83	10	55.00	41.00	3	100.00	90.00	9	100.00	76.22			
Red Polled	52	150.00	82.27	29	300.00	112.93	3	160.00	128.33	28	150.00	68.11	32	250.00	127.97	38	300.00	79.64	219	5	50
Shorthorn	134	1,000.00	98.06	95	595.00	120.47	3	160.00	128.33	59	235.00	78.67	187	360.00	106.20	218	320.00	87.20			
Shorthorn	458	400.00	88.36	258	1,000.00	116.09	21	225.00	124.51	115	300.00	80.23	105	325.00	107.28	214	500.00	113.48	1,867	68	339

DAIRY CATTLE

Ayrshire	1	\$260	\$260.00	1	250	108.53	7	\$200	\$105.43	34	\$275	\$79.41	32	\$140	\$95.00	20	\$410	\$195.05	\$295	36	73
Brown Swiss	32	500	123.72	25	250	115.92	5	200	117.00	15	100	87.00	35	350	222.63	32	400	225.03	144	37	8
Guernsey	114	1,000	192.45	24	2,500	261.46	14	1,315	255.86	41	500	214.51	173	800	272.63	212	2,800	337.75	1,522	526	140
Holstein	382	2,500	139.84	105	2,500	240.02	34	5,000	383.62	144	1,000	176.36	121	1,500	254.13	158	3,500	281.65	2,013	255	235
Holstein	464	580	129.09	23	3,750	303.24	4	240	140.00	64	360	102.02	164	440	145.49	215	530	192.40			
Jersey	85	1,350	130.35	150	2,500	214.85	15	700	273.67	209	400	91.58	239	1,000	180.03	381	800	157.10	818	163	114
Jersey	13	300	65.08	2	500	282.50	2	475	375.00	13	225	99.19	61	550	166.72	113	3,200	350.17			
Jersey	218	500	117.21	80	1,500	181.18	4	360	168.75	75	750	189.08	152	1,400	330.03	85	800	240.56			

1 A = Auction sale.

2 P = Private sale.

Sale Prices of Purebred Animals, July 1-December 31, 1923—Continued.

HOGS

Name of breed	Pigs under 4 months of age			Pigs over 4 and under 8 months of age			Boars over 8 months and under 2 years of age			Boars over 2 years of age			Gilts over 8 months of age, bred		
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price
Duroc Jersey:															
Auction sales	72	\$97.50	\$33.15	1,039	\$300.00	\$27.95	279	\$290.00	\$31.89	4	\$55.00	\$50.00	256	\$135	\$36.90
Private sales	447	100.00	12.94	1,332	250.00	26.44	931	500.00	33.91	25	250.00	57.40	620	160	39.63
Hampshire:															
Auction sales	14		8.00	167	47.00	11.80	13	46.00	33.85	1	27.50	27.50	154	36	22.09
Private sales	264	30.00	10.34	901	1,000.00	24.47	370	162.50	33.82	27	1,000.00	79.81	198	75	32.90
Poland China:															
Auction sales	28	30.00	8.86	1,200	275.00	31.65	126	185.00	36.58	1	10.00	10.00	132	80	29.64
Private sales	830	100.00	21.43	1,280	220.00	28.80	515	250.00	32.82	22	350.00	48.50	384	100	32.01
Chester White:															
Auction sales				397	127.50	30.23	80	62.50	32.23	1	27.00	27.00	134	50	24.42
Private sales	477	75.00	11.32	668	250.00	27.44	404	500.00	30.14	10	50.00	27.80	263	60	37.96
Berkshire:															
Auction sales	3	20.00	20.00	13	120.00	65.00	8	60.00	40.00				39	125	66.49
Private sales	372	36.00	14.06	256	100.00	23.88	80	300.00	49.85	10	100.00	37.00	68	100	44.13

Name of breed	Gilts over 8 months of age, not bred			Sows, bred			Sows, not bred			Number sold		
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Total	At \$150 or more	At \$25 or less
Duroc Jersey:												
Auction sales	210	\$115.00	\$28.69	305	\$225.00	\$50.42	51	\$102.50	\$26.36	6,303	42	2,617
Private sales	304	100.00	26.68	290	175.00	51.79	163	200.00	36.25			
Hampshire:										2,390	9	1,140
Auction sales	34	28.50	15.88	44	60.00	35.13	14	46.00	24.21			
Private sales	82	75.00	26.85	71	70.00	37.06	36	150.00	29.94			
Poland China:										5,376	23	2,140
Auction sales	181	75.00	24.88	171	125.00	53.38	61	160.00	34.86			
Private sales	255	250.00	27.96	134	150.00	35.46	56	300.00	58.24			
Chester White:										3,001	3	1,591
Auction sales	59	60.00	24.80	102	60.00	27.50	7	42.00	28.86			
Private sales	185	60.00	19.84	114	132.50	50.97	44	40.00	23.95			
Berkshire:										974	4	579
Auction sales	4	80.00	51.00	18	140.00	79.39	2	70.00	70.00			
Private sales	30	75.00	26.13	44	150.00	55.64	27	300.00	38.98			

DRAFT HORSES

Name of breed	Stallions under 1 year of age		Stallions over 1 year of age and under 2		Stallions over 2 years of age and under 5		Stallions over 5 years of age		Mares under 1 year of age		Mares over 1 year of age and under 2		Mares over 2 years of age and under 5		Mares over 5 years of age		Top price		Number and average price of all ages and both sexes		Number sold at—	
	Number	Average price	Number	Average price	Number	Average price	Number	Average price	Number	Average price	Number	Average price	Number	Average price	Number	Average price	Stallions	Mares	Number	Average price	\$150 or more	\$50 or less
Belgian	3	\$114.00	3	\$266.67	10	\$470.00	2	\$1,100.00	3	\$58.33	5	\$230.00	7	\$230.28	3	\$220.00	\$1,500.00	\$500.00	36	\$323.30	16	2
Clydesdale			1	200.00	1	300.00	1	125.00			1	350.00	7	164.28	2	175.00	300.00	350.00	13	190.38	3	
Percheron					5	370.00	2	312.50	2	200.00			15	195.83	5	188.20	1,000.00	350.00	29	232.62	9	
Shire					2	325.00	1	150.00							1	360.00	350.00	360.00	4	290.00	2	

SHEEP

[This report is based on both auction and private sales]

Name of breed	Ram lambs			Rams over 1 year and under 2 years of age			Rams over 2 years of age			Ewe lambs			Ewes over 1 year and under 2 years of age			Ewes over 2 years of age			Number sold					
																Bred			Not bred					
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Total	At \$150 or more	At \$25 or less
Cheviot	38	\$100.00	\$21.29	15	\$50.00	\$30.33	5	\$50.00	\$30.00	9	\$35.00	\$25.56	10	\$50.00	\$30.00	8	\$35.00	\$30.62	3	\$35.00	\$33.33	88		59
Cotswold	72	35.00	13.10	31	50.00	32.97	18	75.00	36.80	20	25.00	23.25	17	40.00	22.94	34	30.00	17.65	28	50.00	14.82	220		155
Dorset	21	25.00	21.07	9	35.00	32.78	8	40.00	28.75	10	30.00	22.00	20	30.00	25.00	20	25.00	20.00	2	20.00	20.00	90		25
Hampshire <sup>1</sup>	1,673	235.00	27.88	1,832	775.00	44.71	304	775.00	51.70	263	75.00	19.76	231	100.00	30.80	421	75.00	28.12	121	100.00	22.41	4,845	56	1,549
Lincoln	18	25.00	21.78	62	65.00	34.73	12	50.00	29.00	26	25.00	14.90	8	30.00	25.00	12	30.00	21.67	11	50.00	22.73	149		89
Oxford	165	100.00	23.28	159	100.00	23.03	57	90.00	30.16	36	40.00	22.58	73	65.00	24.49	102	40.00	19.22	13	50.00	24.77	605		441
Rambouillet <sup>1</sup>	295	125.00	23.60	5,512	625.00	33.07	612	800.00	58.35	133	100.00	30.70	1,246	100.00	23.77	2,538	155.00	11.00	703	25.00	10.44	11,039	93	6,645
Romney																								
Marsh	18	50.00	26.94	23	75.00	39.56	54	40.00	39.63	9	50.00	23.89				3	30.00	20.00	9	15.00	15.00	116		26
Shropshire	154	75.00	24.05	427	150.00	24.41	109	150.00	28.79	27	60.00	22.04	187	60.00	25.29	408	50.00	18.07	98	50.00	14.75	1,410	2	1,063
Southdown	46	75.00	24.37	52	100.00	35.19	23	100.00	45.96	30	50.00	20.17	54	75.00	37.41	19	50.00	30.90	26	35.00	21.01	250		120

<sup>1</sup>Includes 1,360 range Rambouillet rams and 533 range Hampshire rams some of which were not registered.



Sale Prices of Purebred Beef Cattle, 1922-1923

Name of breed.	Bulls under 1 year of age			Bulls over 1 year and under 3 years of age			Bulls over 3 years of age			Females under 1 year of age			Females over 1 year and under 3 years of age			Cows over 3 years of age		
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price
Aberdeen Angus:																		
Auction.....1922.....	74	\$275.00	\$71.06	66	\$575.00	117.10	1	\$100.00	\$100.00	112	\$500.00	\$104.60	164	\$805.00	\$100.46	108	\$405.00	\$107.04
.....1923.....	38	480.00	137.83	37	1,070.00	241.82	3	1,070.00	452.67	93	525.00	118.59	218	1,550.00	131.52	115	405.00	89.46
Private.....1922.....	261	700.00	76.82	276	750.00	129.10	20	525.00	147.75	70	250.00	72.45	157	500.00	137.86	121	200.00	94.16
.....1923.....	446	600.00	82.97	326	1,500.00	153.52	37	300.00	124.53	165	400.00	72.03	278	1,000.00	95.17	240	1,000.00	95.36
Hereford:																		
Auction.....1922.....	168	564.00	135.76	278	4,000.00	205.50	19	4,000.00	454.30	113	700.00	89.96	389	2,550.00	169.28	330	1,500.00	171.08
.....1923.....	115	500.00	77.58	183	1,150.00	140.83	15	710.00	199.50	136	525.00	74.87	380	1,125.00	122.88	321	1,050.00	94.34
Private.....1922.....	1,013	800.00	92.46	2,345	2,500.00	109.42	78	2,000.00	169.93	187	650.00	103.35	435	800.00	118.39	326	800.00	136.18
.....1923.....	1,272	1,000.00	86.10	2,603	2,500.00	138.65	130	5,000.00	237.97	324	700.00	73.29	1,010	750.00	104.04	771	1,200.00	166.84
Polled Hereford:																		
Auction.....1922.....	4	235.00	121.25	31	500.00	177.34	1	255.00	255.00	3	100.00	78.33	48	300.00	144.80	17	275.00	166.18
.....1923.....	11	125.00	52.95	32	280.00	143.75	5	600.00	258.50	13	80.00	61.77	22	250.00	104.88	36	255.00	82.00
Private.....1922.....	94	500.00	93.40	70	1,000.00	161.11	16	350.00	213.75	54	108.00	74.50	43	300.00	119.07	24	275.00	145.00
.....1923.....	151	500.00	\$106.58	140	500.00	131.30	17	500.00	205.07	32	150.00	83.03	77	255.00	87.57	27	200.00	118.67
Red Polled:																		
Auction.....1922.....	27	227.50	85.87	6	125.00	84.58				8	52.50	44.38	21	125.00	81.12	34	180.00	109.24
.....1923.....	11	178.00	82.55	5	165.00	109.88	1	305.00	305.00	11	67.50	43.41	5	117.50	99.50	9	100.00	76.22
Private.....1922.....	110	200.00	82.74	77	200.00	96.63	5	80.00	62.00	25	120.00	61.12	76	300.00	68.14	30	300.00	115.00
.....1923.....	180	300.00	75.14	87	300.00	107.33	14	300.00	132.31	70	156.60	72.08	54	250.00	122.68	61	300.00	86.36
Shorthorn:																		
Auction.....1922.....	329	800.00	88.42	337	1,825.00	149.94	27	400.00	159.87	202	1,000.00	109.60	615	1,600.00	160.99	565	1,350.00	138.61
.....1923.....	255	1,000.00	98.16	233	2,000.00	149.09	47	315.00	152.63	161	260.00	85.51	470	1,250.00	138.64	374	800.00	106.66
Private.....1922.....	795	775.00	94.97	697	2,250.00	130.23	61	300.00	144.16	176	500.00	132.91	274	750.00	151.82	227	500.00	164.85
.....1923.....	1,136	400.00	87.56	815	1,000.00	114.13	71	450.00	126.03	318	300.00	78.40	359	400.00	100.54	517	1,500.00	114.20
All breeds:																		
Auction.....1922.....	602	800.00	99.66	718	4,000.00	169.07	48	4,000.00	277.15	438	1,000.00	101.85	1,237	2,550.00	153.50	1,054	1,500.00	145.04
.....1923.....	460	1,000.00	94.84	490	2,000.00	152.26	71	1,070.00	184.81	414	525.00	87.58	1,095	1,550.00	130.90	855	1,050.00	105.58
Private.....1922.....	2,273	800.00	91.11	3,465	2,500.00	115.93	180	2,000.00	159.63	512	650.00	104.19	985	800.00	126.95	728	800.00	137.56
.....1923.....	3,185	1,600.00	86.53	3,971	2,500.00	133.89	269	5,000.00	185.24	909	700.00	75.10	1,778	1,000.00	101.80	1,616	1,500.00	106.91
Auction and private combined.....1922.....	2,875	800.00	92.90	4,183	4,000.00	125.05	228	4,000.00	184.37	950	1,000.00	103.11	2,222	2,550.00	141.78	1,782	1,500.00	141.98
.....1923.....	3,645	1,000.00	87.58	4,461	2,500.00	135.91	340	5,000.00	185.15	1,323	700.00	79.01	2,873	1,550.00	112.89	2,471	1,500.00	106.45

Sale Prices of Purebred Dairy Cattle, 1922-1923

Name of breed	Bulls under 1 year of age			Bulls over 1 year and under 3 years of age			Bulls over 3 years of age			Females under 1 year of age			Females over 1 year and under 3 years of age			Cows over 3 years of age		
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price
Ayshire:																		
Auction.....1922.....	5	\$300	\$95.60	3	\$113	\$89.17	1	\$1,010	\$1,010.00	2	\$550	\$320.00	14	\$1,500	\$242.50	21	\$450	\$149.50
.....1923.....	7	80	40.00	3	260	226.67	1	85	85.00	3	195	107.00	19	200	143.05	37	410	205.59
Private.....1922.....	105	3,000	170.29	36	1,500	199.89	9	2,000	379.17	65	450	114.65	82	750	223.22	130	750	169.28
.....1923.....	125	1,000	73.54	35	360	117.43	9	200	120.89	90	275	83.06	54	1,700	158.24	183	400	156.21
Brown Swiss:																		
Auction.....1922.....	1	170	170.00										2	235	222.50	1	235	235.00
.....1923.....	58	185	79.90	24	500	136.25	2	500	500.00	22	175	105.45	24	300	175.96	26	300	146.04
Private.....1922.....	93	500	98.09	57	250	111.33	11	200	117.27	53	150	89.09	75	350	196.57	61	400	196.62
Guernsey:																		
Auction.....1922.....	63	825	134.64	48	1,323	195.58	12	2,500	653.75	73	400	185.81	130	1,525	302.32	144	5,300	470.95
.....1923.....	167	4,500	201.34	40	2,500	252.10	17	1,315	224.82	115	1,025	215.40	283	2,400	282.35	354	3,400	357.43
Private.....1922.....	487	2,000	140.09	145	10,000	300.40	29	7,500	556.03	139	1,400	165.66	173	1,250	261.38	231	7,000	444.91
.....1923.....	916	3,000	135.38	286	7,500	222.22	61	5,000	380.08	329	1,750	175.51	287	1,500	268.27	420	7,500	327.21
Holstein:																		
Auction.....1922.....	187	2,000	122.60	75	750	144.05	9	685	283.44	137	1,125	130.91	348	900	183.45	403	1,300	206.65
.....1923.....	202	2,000	152.74	53	3,750	258.14	5	285	169.00	314	1,500	139.52	623	2,800	218.12	773	2,850	244.50
Private.....1922.....	545	3,000	195.52	269	5,000	226.71	21	300	125.18	125	700	114.40	228	900	208.54	211	1,200	217.22
.....1923.....	1,260	1,600	133.31	315	2,500	214.19	35	800	223.77	483	775	95.90	616	1,615	178.37	740	2,500	184.08
Jersey:																		
Auction.....1922.....	19	150	79.66	28	155	113.93	4	500	290.00	248	500	117.69	239	950	185.58	210	2,800	368.35
.....1923.....	50	2,500	149.82	3	500	355.00	4	475	263.75	26	525	116.90	194	2,000	312.83	197	6,000	472.88
Private.....1922.....	140	1,000	152.88	122	5,000	226.38	15	3,500	578.17	89	250	114.54	150	750	179.84	251	1,200	233.07
.....1923.....	423	2,000	115.66	155	1,500	182.48	13	1,000	206.54	183	750	139.94	326	3,500	246.08	211	1,200	224.91
All breeds:																		
Auction.....1922.....	274	2,000	121.90	154	1,323	153.57	26	2,500	483.31	460	1,125	133.32	731	1,525	206.42	778	5,300	297.67
.....1923.....	427	4,500	169.60	99	3,750	257.68	27	1,315	215.07	458	1,500	157.03	1,121	2,800	249.46	1,362	6,000	305.82
Private.....1922.....	1,335	3,000	163.82	596	10,000	239.31	76	7,500	418.93	440	1,400	130.21	657	1,250	216.54	849	7,000	274.34
.....1923.....	2,822	3,000	127.50	848	7,500	200.19	129	5,000	279.69	1,138	1,750	124.67	1,358	3,500	213.83	1,615	7,500	228.95
Auction and private combined.....1922.....	1,609	3,000	156.68	750	10,000	221.70	102	7,500	435.34	900	1,400	131.80	1,388	1,525	211.21	1,627	7,000	285.50
.....1923.....	3,249	4,500	133.03	947	7,500	206.20	136	5,000	268.51	1,596	1,750	133.97	2,479	3,500	229.94	2,977	7,500	261.41

Inspection Service in Florida

Federal-State inspection of fruits and vegetables in Florida was inaugurated only seven months ago and the volume of shipments examined has already exceeded 8,000 cars. To the end of May, the total was 7,872 cars, of which 5,868 were vegetables and the remainder citrus fruits. From its inception, this work was divided on the basis of shipping districts. In some of these sections, the inspection of produce shipments was completed weeks ago, but the service is still active in at least six

districts

Sale Prices of Purebred Hogs, 1922-1923

Name of breed	Pigs under 8 months of age			Boars over 8 months and under 2 years of age			Boars over 2 years of age			Gilts over 8 months of age, bred			Gilts over 8 months of age, not bred			Sows, bred			Sows, not bred			
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	
Duroc Jersey:																						
Auction 1922	1,507	\$330.00	\$39.57	117	\$200	\$41.50	3	\$200	\$86.00	1,630	\$400	\$52.73	(1)			872	\$277.50	\$56.36	(1)			
1923	1,283	300.00	27.06	291	290	32.04	4	55	50.00	1,302	255	43.46	275	115	\$30.04	1,218	397.50	55.38	75	\$102.50	\$27.53	
Private 1922	1,179	250.00	23.28	501	500	38.32	14	200	71.65	475	175	49.53	(1)			127	275.00	66.36	(1)			
1923	2,266	250.00	24.33	1,109	500	35.83	45	400	66.49	1,256	160	39.75	369	100	29.37	650	175.00	47.56	275	200.00	32.53	
Hampshire:																						
Auction 1922	302	120.00	21.78	81	225	52.72	11		65.27	452	150	63.01	(1)			469	325.00	71.56	(1)			
1923	356	92.00	41.07	24	46	29.59	4	325	127.88	644	150	38.90	65	29	20.30	572	180.00	49.05	16	46.60	25.12	
Private 1922	901	500.00	25.39	636	350	48.59	10	300	81.50	1,017	150	31.30	(1)			553	200.00	54.83	(1)			
1923	1,702	1,000.00	24.75	508	350	35.91	44	1,000	66.39	637	140	41.38	149	85	29.79	244	150.00	46.89	58	150.00	35.72	
Poland China:																						
Auction 1922	1,971	350.00	35.01	275	225	51.02	3	120	113.33	1,067	195	47.96	(1)			479	212.50	60.76	(1)			
1923	1,426	275.00	30.00	296	185	35.96	2	23	16.50	1,014	225	42.86	257	75	24.97	464	145.00	49.10	65	160.00	35.85	
Private 1922	1,086	150.00	28.12	200	150	40.93	9	500	119.44	287	100	41.41	(1)			60	150.00	54.91	(1)			
1923	2,528	220.00	26.43	617	250	34.52	25	300	50.68	672	180	36.15	282	250	28.44	294	150.00	41.10	70	300.00	54.14	
Chester White:																						
Auction 1922	804	740.00	37.16	109	80	36.19	1	30	30.00	5,189	540	48.74	(1)			204	105.00	51.82	(1)			
1923	508	127.50	26.95	114	135	34.05	1	27	27.00	640	310	43.87	59	60	24.80	333	275.00	35.17	27	70.60	26.00	
Private 1922	1,099	100.00	25.04	380	200	32.56	5	200	93.50	493	75	37.35	(1)			80	175.00	43.40	(1)			
1923	1,434	250.00	21.08	499	500	33.23	13	125	41.77	618	75	39.42	253	60	20.58	175	132.50	48.76	54	40.00	23.69	
Berkshire:																						
Auction 1922	135	110.00	29.10	13	167	50.31	8	100	60.38	33	125	48.03	(1)			70	135.00	61.10	(1)			
1923	34	120.00	34.21	11	60	32.18	1	28	28.00	78	125	41.39	4	80	51.00	41	140.00	67.66	2	70.00	70.00	
Private 1922	904	100.00	17.46	158	300	38.09	27	175	59.26	288	200	38.89	(1)			93	250.00	64.45	(1)			
1923	1,246	100.00	17.85	140	300	45.84	19	125	52.89	193	130	43.43	80	75	34.11	85	150.00	57.18	29	300.00	38.71	
All breeds:																						
Auction 1922	4,719	740.00	37.10	595	225	47.24	26	200	70.35	8,371	540	50.19	(1)			2,094	325.00	60.49	(1)			
1923	3,607	300.00	27.68	646	290	33.55	12	325	66.02	3,678	310	42.52	660	115	26.77	2,628	397.50	50.52	185	160.00	30.48	
Private 1922	5,169	500.00	24.02	1,825	500	41.12	65	500	76.24	2,560	200	37.83	(1)			913	275.00	56.42	(1)			
1923	9,176	1,000.00	23.60	2,873	500	35.60	146	1,000	59.78	3,376	180	39.49	1,133	250	27.57	1,448	175.00	46.85	486	300.00	35.41	
Auction and private combined 1922	9,888	740.00	30.26	2,420	500	42.63	91	1,500	74.56	10,931	540	47.29	(1)			3,007	325.00	59.25	(1)			
1923	12,783	1,000.00	24.75	3,519	500	35.22	158	1,000	60.30	7,054	310	41.07	1,793	250	27.27	4,076	397.50	49.22	671	300.00	34.05	

<sup>1</sup> Gilts and sows not bred were not included in the 1922 report.

<sup>2</sup> One sale at \$550, age and sex not given.

Sale Prices of Purebred Sheep, 1922-1923

Name of breed	Ram lambs			Rams over 1 year and under 2 years of age			Rams over 2 years of age			Ewe lambs			Ewes over 1 year and under 2 years of age			Ewes over 2 years of age									
	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Number	Top price	Average price	Bred			Not bred <sup>1</sup>						
																Number	Top price	Average price	Number	Top price	Average price				
Cheviot 1922	58	\$110	\$19.31	34	\$310	\$36.90	12	\$75	\$27.50	19	\$90	\$23.78	79	\$210	\$35.37	29	\$100	\$28.97							
1923	69	100	29.09	28	100	32.50	17	50	25.71	20	50	22.25	37	100	37.03	16	50	27.81	3	\$35	\$33.33				
Cotswold 1922	17	30	20.06	18	40	27.83	12	75	32.72	32	25	18.50	12	40	22.17	149	31	16.71							
1923	112	100	14.99	66	200	41.79	32	150	39.45	31	25	21.61	27	100	28.89	89	30	18.48	30	50	14.83				
Dorset 1922	40	20	15.91	40	50	24.99	21	35	22.69	43	25	14.98	42	30	23.24	74	30	17.68							
1923	34	35	19.90	14	35	28.21	9	40	27.78	14	30	20.00	24	30	24.58	32	25	20.38	2	20	20.00				
Hampshire 1922	2,203	1,400	23.89	2,135	250	34.36	898	150	36.23	132	70	22.74	393	75	25.50	916	60	20.44							
1923	2,056	235	26.81	2,154	775	44.92	351	775	49.43	356	75	19.93	585	100	27.63	566	90	27.66	210	100	21.48				
Lincoln 1922	28	30	14.32	24	50	32.04	46	30	13.77	8	15	15.00	18	40	22.22	23	25	22.43							
1923	55	35	15.27	95	65	31.31	16	50	29.88	46	25	12.91	9	30	24.44	14	30	19.97	11	50	22.73				
Oxfords 1922	145	50	21.67	181	100	25.83	77	75	22.91	41	20	16.31	54	45	25.83	80	50	22.03							
1923	283	100	20.06	226	100	28.86	83	96	28.95	64	40	22.00	90	80	27.03	130	50	20.34	19	50	20.11				
Rambouillet 1922	339	100	37.12	3,370	675	32.16	1,126	510	34.32	85	25	16.10	1,324	75	38.39	1,629	55	12.39							
1923	1,293	125	12.23	7,150	625	29.81	1,068	800	43.42	310	100	23.70	1,901	100	23.82	3,153	155	14.51	1,345	35	11.66				
Romney Marsh 1922	24	35	26.25	312	35	22.71	105	35	22.26	16	40	40.00	26	50	36.15	2	30	27.50							
1923	27	50	27.22	34	75	34.85	65	40	36.31	16	50	30.94	16	50	36.15	2	30	20.00	9		15.00				
Shropshire 1922	120	75	20.86	278	100	28.39	132	150	30.34	40	103	20.12	99	50	20.89	192	40	21.10							
1923	264	75	21.07	637	150	26.87	184	150	29.90	90	50	19.46	304	60	26.63	564	75	19.33	154	50	15.67				
Southdown 1922	51	50	32.53	141	75	32.36	30	75	31.30	11	25	17.27	67	50	27.46	83	35	21.38							
1923	72	75	22.60	163	100	32.16	38	100	45.95	51	50	21.37	103	75	36.46	26	50	29.98	71	50	27.88				
All breeds 1922	3,025	1,400	24.84	6,733	675	32.07	2,460	510	33.36	427	103	19.86	2,114	210	34.12	3,177	100	16.28							
1923	4,265	235	21.04	10,567	775	32.84	1,863	800	41.96	998	100	21.04	3,080	100	25.55	4,593	155	17.16	1,854	100	13.99</				

Classification of Livestock Slaughtered in the United States <sup>1</sup>

	Cattle			Swine			Sheep and lambs	
	Steers	Cows and heifers	Bulls and stags	Barrows	Sows	Stags and boars	Lambs and yearlings	Sheep
1923	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
January	46.91	49.58	3.51	50.92	48.42	0.66	82.90	17.10
February	51.02	44.18	4.80	51.95	47.40	0.65	83.16	16.84
March	54.25	42.57	3.18	52.78	46.58	0.64	89.82	10.18
April	49.64	47.54	2.52	50.72	48.49	0.79	88.83	11.17
May	55.79	37.51	6.70	49.08	50.16	0.76	81.08	18.92
June	58.70	37.41	3.89	45.51	53.75	0.74	87.49	12.51
July	52.36	43.18	4.46	42.56	56.66	0.78	89.31	10.69
August	47.80	48.29	3.91	36.81	62.42	0.77	88.79	11.21
September	45.90	49.52	4.46	37.94	61.15	0.91	89.53	10.47
October	41.97	54.40	3.63	37.59	61.59	0.82	88.74	11.26
November	34.64	61.19	4.17	46.80	52.54	0.66	83.74	16.26
December	41.93	54.78	3.29	48.16	51.20	0.64	88.27	11.73
Year	47.90	48.06	4.04	46.86	52.42	0.72	86.84	13.16
1924								
January	45.16	51.68	3.16	50.79	48.55	0.66	89.78	10.22
February	46.21	50.40	3.39	53.29	46.13	0.58	87.79	12.21
March	47.62	46.99	5.39	51.50	47.71	0.79	92.08	7.92
April	52.47	42.25	5.28	49.73	49.31	0.96	87.75	12.25

<sup>1</sup> Based on reports from about 750 packers and slaughterers, whose slaughterings equaled nearly 85% of total slaughtered under Federal inspection.

Sources of Livestock Slaughtered in the United States <sup>1</sup>

	Cattle		Calves		Swine		Sheep and lambs	
	Purchased in public stock-yards	Other sources	Purchased in public stock-yards	Other sources	Purchased in public stock-yards	Other sources	Purchased in public stock-yards	Other sources
1923	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
January	91.89	8.11	89.49	10.51	74.03	25.97	87.59	12.41
February	91.13	8.87	89.15	10.85	74.35	25.65	87.46	12.54
March	90.45	9.55	86.03	13.97	74.49	25.51	86.03	13.97
April	91.15	8.85	86.99	13.01	78.24	21.76	85.98	14.02
May	90.27	9.73	85.73	14.27	78.55	21.45	81.04	18.96
June	88.12	11.88	82.41	17.59	75.80	24.20	79.57	20.43
July	83.31	16.69	82.71	17.29	73.89	26.11	78.45	21.55
August	88.12	11.88	82.91	17.09	75.58	24.42	83.88	16.12
September	92.12	7.88	88.36	11.64	79.83	20.17	94.09	5.91
October	91.28	8.72	87.50	12.50	80.11	19.89	86.59	13.41
November	88.27	11.73	86.58	13.42	74.60	25.40	85.70	14.30
December	83.76	11.24	85.46	14.54	74.64	25.36	87.55	12.45
Year	89.86	10.14	86.24	13.76	76.07	23.93	85.97	14.03
1924								
January	90.11	9.89	88.47	11.53	76.51	23.49	86.82	13.18
February	83.70	11.30	87.46	12.54	77.94	22.06	76.71	23.29
March	88.41	11.59	86.41	13.59	75.53	24.47	80.86	19.14
April	91.43	8.57	86.83	13.17	78.90	21.10	82.13	17.87

<sup>1</sup> Based on reports from about 750 packers and slaughterers, whose slaughterings equaled nearly 85% of total slaughtered under Federal inspection.

Canned Milk Markets About Steady

Manufacturers found no particularly encouraging developments in the condensed and evaporated milk markets during May. Demand was further limited to domestic outlets, and reports from the markets indicated that business generally was considered as unsatisfactory. Opinions differed somewhat as to future prospects, but at the best, there was a continued tendency to take a conservative view as to what the next two or three months may bring. The flush season should now be close at hand, although the cool, wet weather has probably had a retarding effect upon this. However, the full influence of the late season can hardly be measured at this time, for production may be increased very materially later as a result of good pastures. Obviously, the cool weather has been a disappointment to manufacturers who produce bulk goods for the ice cream trade.

Costs have been lowered somewhat as a result of a general lowering of prices paid producers. May prices as reported run around 15 to 25 cents per cwt., less than April. On the other hand, selling prices have also suffered some reductions, and there is talk of still further cuts. Lower prices should stimulate consumption, although buyers cannot be expected to take hold

in an active way until it is evident that bottom has been reached. Lower prices were to be expected, for other dairy products have also been feeling the effect of seasonal influences. During the early part of the year, butter markets offered a fair outlet for surplus condensery milk, but butter markets have been nervous throughout May, with prices following a more or less uncertain course, so that diverting surplus milk into butter seemed to be taking no small chance. Some hope is expressed that the new association formed by condensed milk manufacturers may through educational work and otherwise, stimulate a more active domestic demand for canned milk, thus relieving manufacturers of the burdensome surplus which so frequently has featured the situation.

The report of stocks for May 1 reveals an increase over April 1 of about 11 per cent. In view of the usual tendency at this period of the year this was to be expected. Total stocks on May 1 amounted to 142,183,000 lbs. compared with approximately 126,000,000 lbs. last year, also an increase of around 10%. As a matter of interest the May 1 stocks since 1920 were as follows:

	Pounds
May 1, 1920	226,381,000
May 1, 1921	116,556,000
May 1, 1922	145,667,000
May 1, 1923	126,529,000
May 1, 1924	142,183,000

In addition to total stocks in manufacturers hands on May 1 showing an increase over April 1, there was also as indicated in the accompanying table, an increase in unsold stocks of 22%.

Exports during April dwindled to approximately 6,000,000 lbs. of condensed and 9,000,000 lbs. of evaporated, almost half of the latter going to Germany. There appears to be nothing of promise in the export situation.

Stocks and Exports of Condensed and Evaporated Milk <sup>1</sup>

Stocks on May 1, with Comparisons; Exports During April, with Comparisons

Stocks	May 1, 1924		Apr. 1, 1924 <sup>1</sup>		May 1, 1923 <sup>1</sup>	
	Case goods	Bulk goods	Case goods	Bulk goods	Case goods	Bulk goods
<b>Condensed</b>	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
Total stocks	18,020	12,665	12,220	11,918	19,526	8,772
Total unsold stocks	14,774	5,549	7,264	5,971	12,336	2,715
Total unfilled orders			26		149	451
<b>Evaporated</b>						
Total stocks	111,270	228	102,997	330	97,994	233
Total unsold stocks	79,927	223	67,499	316	62,475	225
Total unfilled orders	488		1,201		1,893	
<b>Exports</b>						
Condensed milk			1,000 lbs.	1,000 lbs.	1,000 lbs.	
Evaporated milk			5,926	5,116	4,743	
			9,379	7,396	13,483	
Total			15,305	12,512	18,176	

<sup>1</sup> Revised figures, including late reports.

Wholesale Prices of Condensed and Evaporated Milk

April and March, 1924

[To domestic trade]

Geographic section	Sweetened condensed, case of 14-ounce cans		Unsweetened evaporated, case of 16-ounce cans	
	April	March	April	March
New England	\$6.06	\$6.25	\$4.31	\$4.51
Middle Atlantic	6.08	6.25	4.31	4.53
South Atlantic	6.20	6.37	4.44	4.62
East North Central	6.02	6.25	4.14	4.31
West North Central	6.03	6.18	4.19	4.43
South Central	6.16	6.44	4.45	4.70
Western (north)	6.15		4.12	4.24
Western (south)	6.15		4.24	4.32
United States	6.10	6.29	4.27	4.47

Production of Manufactured Dairy Products and Oleomargarin, 1923, by Months

(Thousands of pounds; i. e., 000 omitted)

Manufactured product	Factories reporting, number.	Quantity manufactured in 1923												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Creamery butter.....	3,539	83,688	74,134	88,311	100,547	134,350	158,371	148,278	120,802	102,273	89,297	74,909	77,254	1,257,214
Whey butter (made from whey cream).....	219	99	100	128	141	166	189	191	164	149	261	102	154	1,904
Renovated or process butter.....	5	319	190	215	233	242	160	150	269	232	247	257	288	2,802
<b>American cheese:</b>														
Whole milk.....	1,835	15,992	15,326	20,184	24,014	32,942	41,382	38,288	31,822	28,648	25,566	18,236	16,608	308,108
Part skim.....	23	58	138	112	130	254	339	309	136	114	154	161	190	2,145
Full skim.....	24	172	142	209	133	175	317	276	153	48	161	125	122	2,033
Swiss cheese (including block).....	306	2,196	199	298	1,018	2,948	3,468	4,015	3,683	3,368	2,756	1,855	751	24,555
Brick and Munster cheese.....	378	2,053	2,010	2,561	3,375	3,692	3,894	3,127	2,686	2,381	2,285	2,431	2,755	33,250
Limburger cheese.....	108	343	313	362	515	707	830	952	636	647	794	555	446	7,100
Cream and Neufchâtel cheese.....	51	928	918	936	892	979	819	827	712	645	797	924	937	10,334
All Italian varieties.....	32	91	111	122	180	237	240	274	228	213	155	131	150	2,132
All other varieties.....	42	424	452	603	445	417	356	324	357	388	461	429	384	5,040
Total cheese (not including cottage, pot, and bakers').....		19,427	19,609	25,387	30,702	42,331	51,645	48,392	40,413	36,452	33,129	24,847	22,363	394,697
Cottage, pot, and bakers' cheese.....	357	2,778	2,594	3,332	3,357	3,806	3,158	2,498	2,436	2,370	3,002	2,996	3,200	35,527
<b>Sweetened condensed milk:</b>														
Case goods—														
Skimmed.....	10	222	302	435	246	411	325	196	173	204	157	23	54	2,748
Unskimmed.....	51	13,423	11,702	17,901	23,605	23,263	19,544	16,580	11,969	11,663	15,752	13,709	16,947	196,058
Bulk goods—														
Skimmed.....	99	8,197	7,582	8,875	9,309	12,409	11,663	8,333	8,168	7,383	7,796	5,961	6,560	102,236
Unskimmed.....	56	3,217	2,640	2,704	4,295	6,506	7,346	6,324	4,064	2,485	2,219	1,714	1,346	44,860
<b>Unsweetened evaporated milk:</b>														
Case goods—														
Skimmed.....	4				178	180	270	242	394	385	1,900	1,881	1,605	7,035
Unskimmed.....	139	78,903	77,908	89,001	118,014	138,170	160,653	139,445	110,787	99,214	96,275	75,019	69,131	1,252,520
Bulk goods—														
Skimmed.....	113	3,663	3,322	5,774	6,157	8,664	12,114	9,856	7,694	6,150	5,628	4,453	3,941	77,416
Unskimmed.....	73	5,836	5,034	6,564	8,274	12,123	16,630	10,929	9,532	7,674	3,759	2,903	2,750	92,008
Total condensed and evaporated milk.....		113,461	108,490	131,254	170,078	201,726	228,545	191,905	152,781	135,158	133,486	105,663	102,334	1,774,881
<b>Evaporated, part or full skimmed, modified with foreign fat:</b>														
Case goods.....	9	2,642	551	478	264	704	185	257	421	797	467	48	121	6,935
Bulk goods.....	1				14	23	34				12	13	14	110
Sterilized milk (canned same as condensed).....	1				9	12	25				9	13	12	80
Condensed or evaporated buttermilk.....	43	3,249	2,851	3,377	3,699	5,576	6,197	5,664	5,370	4,802	4,876	4,636	4,536	54,833
Dried or powdered buttermilk.....	35	686	731	943	1,097	1,531	1,858	1,520	1,434	1,049	651	673	859	13,032
Powdered whole milk.....	18	261	214	398	678	686	1,150	851	502	408	639	454	339	6,560
Powdered skim milk.....	65	3,589	3,080	4,476	5,841	7,361	7,268	5,946	4,749	4,547	4,990	4,386	5,418	62,251
Powdered cream.....	4				57	97	87	33	24	12	9		9	328
Dried casein (skim milk product).....	124	459	574	1,141	1,634	1,839	2,025	1,631	1,184	863	1,003	917	1,230	14,500
Dried casein (buttermilk product).....	1		6	38		1	3							48
Malted milk.....	7	1,090	1,179	1,442	1,655	1,621	1,557	1,208	1,156	973	1,143	1,222	1,085	15,331
Milk sugar (crude).....	11	85	100	224	416	424	402	326	229	184	172	152	158	2,872
Ice cream of all kinds (gallons).....	2,657	6,052	5,625	8,570	12,433	19,667	29,034	31,137	25,957	17,630	12,725	7,495	7,087	183,412
<b>Oleomargarin (uncolored):</b>														
Animal and vegetable oil.....	51	10,484	9,715	10,918	10,008	9,860	7,946	7,902	9,696	10,575	11,492	11,586	11,089	121,271
Exclusively vegetable oil.....	60	9,392	8,248	8,930	7,886	6,576	5,483	4,881	5,716	7,603	9,869	9,640	9,746	93,970
Exclusively animal oil.....	4	23	17	29	28	15	46	25	74	46	39	60	48	450
<b>Oleomargarin (colored):</b>														
Animal and vegetable oil.....	34	653	557	631	610	627	451	441	502	593	656	622	735	7,078
Exclusively vegetable oil.....	27	225	217	256	245	228	183	160	178	237	281	297	309	2,808
Total oleomargarin (colored and uncolored).....		20,777	18,754	20,764	18,777	17,298	14,109	13,409	16,166	19,054	22,337	22,205	21,927	225,577

Prices to Producers at Condenseries, for 3.5 Per Cent Milk

May and April, 1924

Geographic section	By manufacturers of case and bulk goods		By manufacturers of bulk goods only	
	May	April	May	April
	Per 100 pounds	Per 100 pounds	Per 100 pounds	Per 100 pounds
New England.....	\$1.67	\$1.92		
Middle Atlantic.....	2.05	2.21	\$2.14	\$2.28
South Atlantic.....	2.15	2.24	2.06	2.16
East North Central.....	1.68	1.89	2.12	2.07
West North Central.....	1.67	1.86	1.89	1.90
Western (north).....	1.65	1.89	2.12	2.25
Western (south).....	1.71	1.85		
United States.....	1.72	1.93	2.11	2.19

These prices do not include those paid by factories which base prices in part on current wholesale butter market quotations or which for other reasons could not report prices at the time their reports were mailed.

Retail Prices of Special Milk, Cream, and Buttermilk

May, 1924

Cities	Special milk, per quart	Certified milk, per quart	Light cream (18-25% B. F.) per half pint	Cultured buttermilk, per quart
	Cents	Cents	Cents	Cents
Boston.....	15½	25-33		10
New York.....	30	28-35	28	
Philadelphia.....	14	30		
Pittsburgh.....		25		11
Cincinnati.....	17	26	15	
Chicago.....	23	25	16	10-24
Minneapolis.....		20	14	10
St. Louis.....	18	25	17	10-18
Washington.....	16-23	30	15-18	14
Jacksonville.....	21-22		20-25	10-12
New Orleans.....	18	30	17-20	13
Memphis.....	16	20-30	15	8
Portland.....			15	
San Francisco.....		25	18	14
Average of above cities.....	19.25	26.79	17.77	12.2

**Report of Fluid Milk Market for May**  
Wholesale and Retail Milk Prices at Cities

State	City	Dealers' buying price at city for 3.5% B. F.	Selling price <sup>1</sup>					Prevailing B. F. test of milk sold
			On routes				At retail stores	
			Wholesale trade		Family trade			
			Bulk	Bottles	Bottles	Bottles		
		<i>Cents per qt.</i>	<i>Cents per qt.</i>	<i>Cents per qt.</i>	<i>Cents per qt.</i>	<i>Cents per qt.</i>	<i>Per ct.</i>	
Ala.	Birmingham	8.98-9.46	12.5	14	17-17.5	17-17.5	4-4.5	
Ariz.	Phoenix		7.5-9	9-10	10-12.5	10-11		
Ark.	Little Rock		10	13	16	16	4.0	
Calif.	Los Angeles	8.08	11.66	14	15	15	3.6	
	San Diego	2.836	11.66	13	15	15	3.8-4.3	
	San Francisco	6.68-6.88	10.15-11.37	11.2-12	14	13-14	3.7-4.0	
Colo.	Colo. Springs	5.63-5.80	7.5	10	11	11-12	3.4-3.7	
	Denver	4.88				12		
Conn.	Bridgeport	2.707	10	12			3.6	
	Hartford	2.806	12	13	15	14-15	3.7-4.0	
	New Haven	2.754-7.67	11.5	13	15	15		
Del.	Wilmington		10	12	12	14	3.5-3.7	
D. C.	Washington	26.88-7.29	10-10.5	11-12	14	13-14	3.5-4.0	
Fla.	Jacksonville	2.724	10-15	13-16	15-18	15-18	3.5-4.2	
	Miami	2.1249	15	17.5	20	20	3.5	
	Tampa	10.62	14.5	16	20	20		
Ga.	Atlanta	6.77						
Ill.	Chicago	5.99	7.75-10	12-13	14	14	3.5	
	Peoria	4.29-4.72	8	9.5	12	12	3.6	
	Rockford	5.80	8-9	10	12	12	3.6	
Ind.	Evansville	4.81	8.5	10	12.5	12.5	3.7	
	Indianapolis	4.51	8	10-10.5	12	12	3.6-3.8	
	South Bend	2.570	8.75	10	12	12	3.5-3.8	
Iowa	Davenport	4.62-4.72	7-8	8	10	9-10	3.4-3.8	
	Des Moines	2.505-5.27	7.5-8	9-10	12	10-12	3.4-3.8	
	Sioux City	4.72	7.5	9	11	11	3.6	
Kans.	Kansas City	5.16		10-11	12-13	12-13		
	Topeka	4.29-4.84	7.5	8-9	10-12	8-12	3.25-3.8	
Ky.	Lexington	6.45	10-11.25	12	15	13-14	4-4.5	
	Louisville	4-4.43	7	10	12	12	3.8-4.0	
La.	Alexandria	6.25	10	10	12	12	4.5	
	New Orleans	2.653	8.75	12	14	14	4.0	
Md.	Baltimore	2.711	10-10.5	13	13	14-15	4.1	
	Cumberland	8.60	10	13	15	15	4-4.2	
Mass.	Boston	2.84-5.91	7.75	10	12	12	3.7	
	Lawrence	2.599	8	9.5	12	11-12		
	Springfield	5.35	9	10	13	8-12	3.7	
Mich.	Detroit	2.645	9.5-10	12	14	13-14	3.3-3.8	
	Grand Rapids	2.537-5.59	7.5-8.25	9-10	12	10-12		
	Kalamazoo	2.645-6.88	9.5	11-12	13	13	4-4.1	
Minn.	Duluth	2.505	8	10	12	12	3.7	
	Minneapolis	4.51-4.84	7.5-8	8.5	10	9-10	3.5	
	St. Paul	4.48	7.5	8.5	10	10	3.5-3.7	
Mo.	St. Louis	4.72	8-9.5	11	13	13	3.5	
Mont.	Butte	5.50	7.5-8.75	11-11.2	13-14	13-14	3.5-3.6	
Nebr.	Lincoln	3.76	6.25	8	10	10	3.5	
	Omaha	4.08	6.87	9	11	11	3.6	
N. H.	Concord		8.12	10-11	13-14	13-14	3.35	
N. J.	Hoboken	2.563	7.5	9.4	13	10	3.6	
	Trenton	2.681	8	10-11	12	12-13	3.8	
N. Mex.	Albuquerque	2.688	11.25	12.5	15	15	4.0	
N. Y.	Albany	2.559	10	11	13	12-13	3.0	
	Buffalo	4.94-5.05	9.5-10.5	12	12	12	3.6	
	New York	3.409-4.43	8	12	13	13	3.6	
	Rochester	6.13	10	11	12.5	12.5	3.5-3.7	
N. C.	Asheville	2.752	11	13	16	16	4.0	
N. Dak.	Fargo	4.51	6.25	8	10	10	3.5	
Ohio	Akron	2.698	9.5	10	12	12	3.5	
	Cincinnati	2.624-6.45	10.5-11	12	14	14	3.5	
	Cleveland	2.709-7.31	9.5	11.5	14	9-14	3.5-3.7	
Oreg.	Portland	3.98-4.03	7.5	8	11	9-10	4.0	
Okl.	Oklahoma City	4.51	8.75	10	12	10-12	4.0	
	Tulsa	3.76	8.75	9	12-16	13-16	4-4.2	
Penna.	Harrisburg	2.527	9	10	11	11	3.5	
	Philadelphia	2.675-6.81	9.25	12	12	12-13		
	Pittsburgh	2.752	8.75-10	13.5	14		3.5-3.8	
	Scranton	5.16	8		9	9-11	3.5	
R. I.	Providence	2.784	12	12	14	14	3.98	
	Newport	2.585	8.5		12			
S. Dak.	Sioux Falls	2.484-5.37	6.25-7.5	10	12	12	3.5-3.6	
Tenn.	Chattanooga		11.25	12	16	16	4.0	
	Memphis	2.610-6.75	8.75-10	10-11	15	12-15	4.2-4.3	
	Nashville		8.75	12	14	14	4.2	
Texas	Dallas	2.602	8.75	12	15	14-15	4.0	
	El Paso	6.98-7.19	8.75-11.25	12	14.4-16	13-15	3.8-4.2	
Utah	Salt Lake City	4.49	7-7.5	9	9-10	10-11	3.6	
Va.	Richmond	2.819-8.70	11	13	14	14	3.8	
	Roanoke	6.62	11.25	13	15		4.0	
Wash.	Seattle	2.559	8	8.5	11	9-10	3.6	
	Spokane	2.561	9	10	12	12	3.6-4.0	
W. Va.	Clarksburg	2.602	8.75	12	14	15	3.8-4.0	
	Wheeling	2.731	10	13	15	15	3.6	
Wis.	Kenosha	6.45	10	11	12	12-13	3.6	
	Milwaukee	2.613	7.5	9.5	11	10-11	3.4-3.7	
	Racine	5.48	9.5	10	11	11	3.6	
	Superior	2.505	8	10	12	12	3.7	

**Prices Paid Producers at Country Points<sup>1</sup> for Standard or Grade B Milk (3.5% Butterfat) in May**

Section	Number of local markets	Range of prices per 100 lbs.	Average price	Comparison of prices for same markets			
				Number of local markets	Average for—		
					May, 1924	April, 1924	May, 1923
New England	9	\$1.90-\$3.45	\$2.71	9	\$2.71	\$2.76	\$2.98
Middle Atlantic	19	1.90-3.21	2.41	19	2.41	2.53	2.55
East North Central	28	1.75-3.00	2.47	26	2.48	2.55	2.37
West North Central	20	1.35-2.82	2.08	20	2.08	2.24	2.18
South Atlantic	14	2.38-4.94	3.41	13	3.43	3.54	3.10
East South Central	4	1.69-3.70	2.78	4	2.78	2.93	2.43
West South Central	9	1.75-3.04	2.49	9	2.49	2.62	2.64
Mountain	8	1.64-3.20	2.41	8	2.41	2.39	2.32
Pacific	10	1.55-3.72	2.87	10	2.87	2.93	2.69
United States	121	1.35-4.94	2.56	118	2.56	2.66	2.54

<sup>1</sup> The prices at country points apply to milk delivered direct by farmers in their own cans to local milk shipping stations and near-by city milk plants. They show the range and average of prices actually received by producers supplying cities and differ from the dealers' buying prices by the costs of transportation applicable to different shipping points. The price per 100 pounds may be reduced to price per quart by dividing by 46.53.

**Stocks and Exports of Powdered Milk**

Stocks on May 1, with Comparisons; Exports During April with Comparisons

Stocks	May 1, 1924		Apr. 1, 1924		May 1, 1923 <sup>1</sup>	
	Case goods	Bulk goods	Case goods	Bulk goods	Case goods	Bulk goods
<b>Whole Milk Powder</b>						
Total stocks <sup>2</sup>	14,409	873,496	156,587	929,779	167,429	528,436
Total unsold stocks <sup>3</sup>	14,409	467,824	156,587	824,779	167,429	292,534
<b>Skim Milk Powder</b>						
Total stocks	220,994	11,376,271	85,957	11,136,955	93,573	3,155,051
Total unsold stocks	220,994	6,211,567	85,957	8,112,876	93,360	1,406,678
<b>Exports</b>						
			April, 1924	March, 1924	April, 1923	
Powdered milk			Pounds 242,905	Pounds 222,542	Pounds 141,347	

<sup>1</sup> Revised figures include late reports.  
<sup>2</sup> Total stocks include all stocks held by manufacturers reporting.  
<sup>3</sup> Unsold stocks include that portion of total stocks not covered by current sales or future delivery contracts.

**Wholesale Prices of Skim Milk Powder During April**

[Cents per pound]

Geographic section	Case goods <sup>1</sup>		Barreled		
	Range <sup>2</sup>	Bulk of sales, fresh goods <sup>3</sup>	Range <sup>2</sup>	Bulk of sales, fresh goods <sup>3</sup>	
New England			44	7 <sup>1</sup> / <sub>2</sub> -12	8 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>
Middle Atlantic			44	6 <sup>1</sup> / <sub>2</sub> -12	6 <sup>1</sup> / <sub>2</sub> -11
South Atlantic			44	7 <sup>1</sup> / <sub>2</sub> -12	7 <sup>1</sup> / <sub>2</sub> -12
East North Central			44	6-12	6 <sup>1</sup> / <sub>2</sub> -11
West North Central			44	7 <sup>1</sup> / <sub>2</sub> -12	7 <sup>1</sup> / <sub>2</sub> -12
South Central			44	8-12	8-12
Western (north)			48	5 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>
Western (south)			48	8 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub> -11 <sup>1</sup> / <sub>2</sub>

<sup>1</sup> Prices reported per pound for case goods apply to milk powder packed in 1-pound cans.  
<sup>2</sup> Includes the highest and lowest prices reported.  
<sup>3</sup> Includes the highest and lowest "Bulk of sales" prices reported by different firms.

Prices of other powdered milk products ranged as follows: Whole milk powder 60 cts.-64 cts. per 1-pound can for case goods and 25 cts.-31 cts. per pound for goods packed in barrels; dried buttermilk 7<sup>1</sup>/<sub>2</sub> cts.-12<sup>1</sup>/<sub>2</sub> cts. per pound for case goods and 3<sup>1</sup>/<sub>2</sub> cts.-12 cts. per pound for goods packed in barrels. Skim-milk powder was reported sold at 10 cts. per pound f. a. s. Atlantic seaboard.

<sup>1</sup> These prices represent grade B milk, or the grade which is most commonly sold, the butterfat content varying from 3 to 4.5 per cent in different cities.  
<sup>2</sup> Basic prices for fluid milk.  
<sup>3</sup> The dealer's buying prices for New York City apply to milk purchased in the 200-210 mile zone. The 4.09 price is flat, the 4.43 a basic price.  
<sup>4</sup> Late report from Twin Cities advises of a 16¢ per cwt. reduction effective May 16.

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, 1923

[Thousands of pounds; i. e., 000 omitted]

Manufactured product	Ala-bama	Ariz-ona	Ar-kan-sas	Calif-ornia	Colo-rado	Con-nect-icut	Del-a-ware	Dis-trict of Col-umbia	Flor-ida	Geor-gia	Idaho	Illi-nois	Indi-ana	Iowa	Kan-sas	Ken-tucky	Loui-siana
Creamery butter	831	600	996	81,943	18,625	753	154	10	99	1,868	9,883	51,359	51,484	151,407	42,674	12,244	185
Whey butter (made from whey cream)		2		5	40	1						34	57	79			
Renovated or process butter															395		
American cheese:																	
Whole milk	51	84		3,082	99					3	5,311	2,875	78	361	110		
Part skim		54		87	1,021		2					79					
Full skim				13								321		(1)			
Swiss cheese (including block)				518							1	859	12				
Brick and Munster cheese					22						4	585	37	13			
Limburger cheese					3							101	2	77			
Cream and Neufchatel cheese				115							(1)	856					
All Italian varieties				110									45				
All other varieties				583	38							304		7			
Total cheese (not including cottage, pot and bakers')	51	138		4,508	1,183		2			3	5,316	5,980	174	458	110		
Cottage, pot and bakers' cheese	7	5	8	776	121	(1)	2	44	(1)		(1)	3,339	177	262	39	69	
Sweetened condensed milk:																	
Case goods—																	
Skimmed																	
Unskimmed				10,346								20,890			114		
Bulk goods—																	
Skimmed				2,225	136		1					8,791	8,465	636	1,591		
Unskimmed				494			352					4,178	2,880	522	29		
Unsweetened evaporated milk:																	
Case goods—																	
Skimmed				476								15					
Unskimmed		3,421		92,874	22,018						13,668	69,843	32,959	9,711	14,726		
Bulk goods—																	
Skimmed		36		6,728			3					3,777	366	638	121	4	137
Unskimmed				102								2,006	8,043	761	187		
Total condensed and evaporated milk		3,457		113,245	22,154		356				13,668	109,500	52,713	12,382	16,654	4	137
Evaporated, part or full skimmed, modified with foreign fat (case goods)												745	1,217				
Evaporated, part or full skimmed, modified with foreign fat (bulk goods)																	
Sterilized milk (canned same as condensed)																	
Condensed or evaporated buttermilk				5,923	292							5,331	2,852	8,339	3,559	3,085	
Dried or powdered buttermilk				141	632							279	1,060	732			
Powdered whole milk																	
Powdered skimmed milk				10,647	230							2,083			302	1	2
Powdered cream																	
Dried casein (skim milk product)				4,745			3	134			102	146	349				
Dried casein (buttermilk product)																	
Malted milk					730							3,297					
Milk sugar (grade)				884													
Ice cream of all kinds (gallons)	936	213	703	8,865	1,584	3,032	549	1,061	765	1,258	271	13,233	5,822	5,087	2,448	1,461	1,105

Manufactured products	Maine	Mary-land	Mas-sachu-sets	Michi-gan	Min-nesota	Missis-sippi	Mis-souri	Mon-tana	Ne-braska	Neva-da	New Hamp-shire	New Jersey	New Mex-ico	New York	North Caro-lina	North Dako-ta	Ohio
Creamery butter	402	382	1,844	64,818	199,926	5,715	51,313	10,667	76,743	2,361	424	437	185	13,893	1,718	23,355	79,195
Whey butter (made from whey cream)				2	24			(1)				1		371			3
Renovated or process butter		1,191			390		824										
American cheese:																	
Whole milk			(1)	4,342	7,229		224	641	68			196	135	37,448	111		128
Part skim		18		11	23			16	1					483			
Full skim				62	19			5						566			
Swiss cheese (including block)					29									1,590			2,864
Brick and Munster cheese				415	202			85						1,351			92
Limburger cheese		(1)		13										3,506			
Cream and Neufchatel cheese				213			(1)	(1)	2					6,337	(1)		80
All Italian varieties				47								75		572			
All other varieties			(1)	816							393			1,770	1		
Total cheese (not including cot-tage, pot, and bakers')		18		5,919	7,473		224	747	71		393	271	135	53,623	112		3,164
Cottage, pot, and bakers' cheese	20	235	36	2,243	615	(1)	1,440	3	209		128	1,508	1	10,079	3	4	2,459
Sweetened condensed milk:																	
Case goods—																	
Skimmed				134					5					651			390
Unskimmed	3			21,721										95,311			458
Bulk goods—																	
Skimmed	946	1,019	80	13,436	420		164		44		82	369		12,831			17,623
Unskimmed	19			5,663	129							565		12,091			3,385
Unsweetened evaporated milk:																	
Case goods—																	
Skimmed														243			4,510
Unskimmed		11,239	4	85,630								1		163,811			65,820
Bulk goods—																	
Skimmed		2,349	153	6,532	1,044	174			243		28	403		10,632	141		10,295
Unskimmed		64	2	6,060	1,420							4,834		28,499			6,004
Total condensed and evaporated milk	968	14,671	245	141,176	3,013	174	164		292		110	6,172		324,074	141		108,485

1 Less than 500 pounds.

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, 1923—Continued

[Thousands of pounds, i. e., 000 omitted]

Manufactured product	Maine	Maryland	Masachusetts	Michigan	Minnesota	Mississippi	Missouri	Montana	Nebraska	Nevada	New Hampshire	New Jersey	New Mexico	New York	North Carolina	North Dakota	Ohio
Evaporated, part or full skimmed, modified with foreign fat (case goods)				4,117													
Evaporated, part or full skimmed, modified with foreign fat (bulk goods)																	
Sterilized milk (canned same as condensed)																	80
Condensed or evaporated buttermilk				2,945	305		1,885		4,998					340		200	11,420
Dried or powdered buttermilk				317	2,810		486		4,566					3		713	
Powdered whole milk		20		734						72		54		4,732			(1)
Powdered skimmed milk		237		4,844	916					205		361		20,213			380
Powdered cream		125		82						8				37			
Dried casein (skim milk product)	275		101	137	627						13	234		2,490			501
Dried casein (buttermilk product)									45								
Malted milk				(1)					2					128			196
Milk sugar (crude)				243										916			490
Ice cream of all kinds (gallons)	1,025	3,590	7,522	11,296	3,310	567	4,736	491	2,042	93	385	7,004	32	20,527	1,075	520	12,768

Manufactured product	Oklahoma	Oregon	Pennsylvania	Rhode Island	South Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming	Total 1923
Creamery butter	14,065	18,128	13,142	76	537	27,447	11,463	10,956	7,500	1,935	4,231	26,666	276	139,895	1,894	1,252,214
Whey butter (made from whey cream)			44								5	1		1,235		1,904
Renovated or process butter																2,802
American cheese:																
Whole milk		7,678	2,497			8	284		2,139	1,200	257	2,762		226,916	1,791	308,108
Part skim		2	65							306						2,145
Full skim		8	14											1,021		2,039
Swiss cheese (including block)		4	411											18,277		24,556
Brick and Munster cheese		121										83		30,240		33,254
Limburger cheese		(1)	1											3,397		7,106
Cream and Neufchatel cheese		13	1,112							138		67		1,401		10,334
All Italian varieties			910									83		290		2,137
All other varieties			316									67		745		5,040
Total cheese (not including cottage, pot and hakers')		7,826	5,326			8	284		2,139	1,644	257	3,062		282,287	1,791	394,697
Cottage, pot, and hakers' cheese	(1)	16	6,282			5		71	47	428		1,629	12	3,192	13	35,527
Sweetened condensed milk:																
Case goods—																
Skimmed		255	649					39		511						2,748
Unskimmed		12,462	2,354						1,810	10,440				20,263		196,058
Bulk goods—																
Skimmed		1,199	16,438					121		3,475	20	75		10,043		102,236
Unskimmed			3,989							808		77		7,679		44,860
Unsweetened evaporated milk:																
Case goods—																
Skimmed			474					12			16			1,284		7,035
Unskimmed	713	19,469	91,453					10	23,734	2,110		59,825		439,481		1,252,520
Bulk goods—																
Skimmed		826	22,995							2,700	861	297	21	5,912		77,416
Unskimmed			18,677							60				15,239		92,008
Total condensed and evaporated milk	713	34,211	159,029					182	25,544	20,144	897	90,274	21	499,951		1,774,851
Evaporated, part or full skimmed, modified with foreign fat (case goods)													856			6,935
Evaporated, part or full skimmed, modified with foreign fat (bulk goods)				110												110
Sterilized milk (canned same as condensed)																80
Condensed or evaporated buttermilk	533	45				1,422					109	269		976		54,833
Dried or powdered buttermilk		49				493						305		426		15,032
Powdered whole milk		32		543								26		346		6,560
Powdered skimmed milk		1		6,050								9,233		6,547		62,251
Powdered cream				76												328
Dried casein (skim milk product)				616						936	20	11		3,060		14,500
Dried casein (buttermilk product)														3		48
Malted milk														10,978		15,331
Milk sugar (crude)										399						2,872
Ice cream of all kinds (gallons)	1,672	1,363	34,100	1,365	559	706	1,567	3,665	550	282	1,759	1,815	2,543	5,892	188	183,412

<sup>1</sup> Less than 500 pounds.

Alabama Potato Movement Heavy

Because of heavy acreage and increased yield, the total movement of Alabama potatoes, providing weather conditions are favorable this season, is expected to run close to 3,000 cars. Last year total shipments for Alabama were 1,333 cars. Reports from the Federal-State market news representative at Mobile assert that although first Alabama potatoes were rolled a week later this season than last, peak of the movement was reached a week earlier. Eager to take advantage of a good market for their potatoes, growers commenced digging as soon as possible, with the result that there was much immature stock

among the early shipments. During the first ten days of the deal, 524 cars were shipped, compared with only 70 cars for the first ten days of last season. Up to June 7, 2,335 cars were shipped while the total to the same date last year was only 1,090.

First f. o. b. usual terms sales of Alabama Bliss Triumphs at Mobile brought \$3.50-\$3.75 per 100 pounds for U. S. No. 1's. Increasing shipments, however, with much immature stock, had a depressing effect. Low prices were reached on May 31 with sales at \$1.50-\$1.75. First cars of Alabama potatoes reached Cincinnati May 12 and brought mostly around \$5, while first arrivals in Chicago on May 16 sold at \$4-\$4.25.

Carload Shipments of Fruits and Vegetables, Shown by States

Shipments during April, and for Season to April 30, 1924, with Comparisons

Shipping district	April			Season total to Apr. 30, 1924	Season total to Apr. 30, 1923	Season total to Apr. 30, 1922	Total last season
	1924	1923	1922				
<b>APPLES (Western States)</b>							
California.....	58	107	42	6,381	4,858	5,033	4,966
Colorado.....	12	5	5	2,592	3,385	3,886	3,385
Idaho.....	59	16	9	7,106	4,218	5,793	4,230
Montana.....	12	5	4	440	347	683	351
Oregon.....	62	23	44	6,380	3,890	6,536	3,893
Washington.....	1,069	780	636	36,766	27,969	32,358	28,291
Others.....	3	2	0	2,205	1,170	1,351	1,170
Total.....	1,275	938	740	61,870	45,837	55,640	46,286
<b>APPLES (Eastern States)</b>							
Arkansas.....	41	24	3	2,281	2,619	4	2,620
Illinois.....	74	61	7	4,596	4,791	433	4,840
Michigan.....	54	20	1	8,197	6,013	5,992	6,015
Missouri.....	55	80	0	3,342	2,995	10	3,080
New York.....	1,691	1,482	970	18,361	28,912	17,049	29,981
Ohio.....	15	7	0	3,473	2,080	226	614
Pennsylvania.....	15	17	0	3,473	2,080	226	614
Virginia.....	104	98	8	9,132	6,698	323	6,975
West Virginia.....	34	38	27	6,613	2,215	790	2,240
Others.....	15	42	5	8,742	7,776	5,864	7,784
Total.....	2,098	1,869	1,023	65,660	64,473	31,314	65,997
<b>ASPARAGUS</b>							
California.....	231	247	177	354	330	194	458
South Carolina.....	127	121	117	127	124	124	154
Others.....	4	4	23	4	5	23	173
Total.....	362	372	317	515	459	341	785
<b>CABBAGE</b>							
Alabama, first crop.....	50	771	884	51	968	1,078	1,358
California, southern district, first crop.....	21	157	132	29	211	176	425
Florida.....	593	212	303	3,632	1,163	2,955	1,172
Louisiana, first crop.....	12	140	181	12	204	224	305
S. Carolina, first crop.....	140	2,151	1,752	145	2,466	1,994	3,700
Texas.....	2,416	266	249	5,876	1,293	3,979	1,356
Others.....	9	46	296	3	77	328	27,867
Total.....	3,241	3,743	3,797	9,748	6,382	10,734	36,183
<b>CAULIFLOWER</b>							
California, N. Dist.....	26	38	58	1,039	1,123	1,065	1,167
California, S. Dist.....	51	54	58	1,881	2,433	2,527	2,448
Oregon.....	78	99	103	370	282	121	282
Others.....	2	3	0	826	710	588	723
Total.....	157	194	219	4,116	4,548	4,301	4,620
<b>CELERY (old crop)</b>							
California, N. Dist.....	31	5	15	3,173	2,984	1,859	2,984
California, S. Dist.....	23	2	4	1,402	1,350	755	1,350
Others.....	0	0	0	12,285	10,587	9,000	10,587
Total.....	54	7	19	16,860	14,921	11,614	14,921
<b>CELERY (new crop)</b>							
Florida.....	1,378	1,674	1,185	6,395	5,999	4,452	6,398
<b>CUCUMBERS</b>							
Florida.....	90	605	948	90	757	1,016	1,635
Others.....	4	10	8	4	10	16	4,042
Total.....	94	615	956	94	767	1,032	5,677
<b>ONIONS (old crop)</b>							
California, N. Dist.....	88	38	7	3,454	2,375	2,657	2,376
California, S. Dist.....	17	0	0	755	1,266	928	1,266
Indiana.....	44	5	0	4,275	4,683	1,834	4,683
Massachusetts.....	156	142	4	2,432	1,905	2,224	1,912
Michigan.....	48	14	0	995	1,867	417	1,867
New York.....	357	141	2	5,237	2,807	2,891	2,812
Ohio.....	59	3	1	2,643	4,492	1,743	4,492
Oregon.....	20	2	0	368	261	347	263
Others.....	42	37	2	8,266	10,085	7,666	10,087
Total.....	831	402	16	28,425	29,741	20,707	29,758
<b>ONIONS (new crop)</b>							
Texas.....	1,434	944	3,006	1,434	966	3,095	3,025
Others.....	5	21	63	6	24	82	25,400
Total.....	1,439	968	3,069	1,440	990	3,177	28,425

Shipping district	April			Season total to Apr. 30, 1924	Season total to Apr. 30, 1923	Season total to Apr. 30, 1922	Total last season
	1924	1923	1922				
<b>LETTUCE</b>							
Arizona.....	390	246	289	1,523	829	441	834
California, N. Dist.....	164	140	108	1,348	649	349	2,562
California, S. Dist.....	911	949	604	2,548	2,522	3,146	3,650
California, Imp. Valley.....	1,113	570	1,242	9,405	7,713	4,745	7,713
Florida.....	72	10	22	2,423	2,924	2,899	2,926
Ohio.....	26	30	14	26	35	24	44
S. Carolina.....	83	367	499	84	567	986	576
Others.....	23	208	343	109	326	466	9,515
Total.....	2,782	2,520	3,181	17,466	15,565	13,056	27,820
<b>MIXED VEGETABLES</b>							
Alabama.....	17	9	1	17	42	16	126
California, N. Dist.....	68	38	53	285	180	218	921
California, S. Dist.....	231	454	230	1,033	1,698	797	3,429
Colorado.....	27	24	0	362	319	73	2,881
Florida.....	368	557	491	1,591	1,448	1,069	2,233
Illinois.....	14	6	30	16	27	36	453
Louisiana.....	414	392	249	821	1,420	1,039	2,205
Maryland.....	21	39	1	23	39	1	196
Mississippi.....	90	146	147	99	268	183	1,634
New Jersey.....	111	120	89	163	149	106	4,549
South Carolina.....	104	224	206	120	381	373	7,753
Texas.....	696	456	238	2,876	1,175	1,351	1,507
Virginia.....	90	48	0	520	22	6	277
Washington.....	43	48	5	81	58	19	272
Others.....	19	51	23	272	284	170	2,366
Total.....	2,322	2,573	1,823	8,279	7,510	5,457	23,802
<b>POTATOES (1924 crop)</b>							
Florida.....	1,305	1,053	2,490	1,408	1,089	2,712	3,493
Texas.....	206	93	56	266	93	56	820
Others.....	3	1	12	3	1	12	217,241
Total.....	1,514	1,147	2,558	1,615	1,183	2,780	221,554
<b>POTATOES (1923 crop)</b>							
<i>Leading sections, late crop</i>							
California, N. Dist.....	34	185	325	4,292	5,818	6,337	5,860
Colorado.....	732	1,326	1,821	12,838	14,442	16,656	15,469
Idaho.....	1,212	2,874	1,966	14,074	14,142	13,385	16,213
Maine.....	3,103	2,589	4,814	32,012	21,688	31,604	24,400
Michigan.....	2,420	2,920	1,522	14,722	15,720	13,087	19,818
Minnesota.....	2,442	3,274	2,514	32,058	27,039	28,240	28,931
Montana.....	168	408	221	654	1,266	1,571	1,412
Nebraska.....	278	530	238	4,645	5,314	5,132	5,564
Nevada.....	67	85	51	689	715	445	744
New York, Long Is.....	82	24	139	6,982	7,206	4,937	7,216
New York, other.....	2,011	1,135	990	9,590	11,635	13,565	12,073
North Dakota.....	703	1,293	373	9,964	8,106	10,399	8,351
Oregon.....	191	479	174	1,349	1,618	1,179	1,842
Pennsylvania.....	424	318	121	3,616	5,665	3,526	5,753
South Dakota.....	208	155	75	3,663	2,656	3,317	2,702
Utah.....	82	141	8	1,096	2,016	1,660	2,037
Washington.....	684	1,145	595	5,789	4,482	5,176	5,061
Wisconsin.....	1,672	2,716	1,166	13,732	19,029	10,027	21,766
Others.....	4	7	4	258	843	88	843
Total.....	16,517	21,604	17,087	172,053	169,400	169,731	186,055
<i>Other sections, late crop</i>							
Delaware.....	30	27	18	221	238	112	240
Indiana.....	11	4	0	47	17	11	17
Kentucky.....	15	4	12	1,205	482	637	486
Maryland, E. Shore, 2d crop.....	96	63	131	378	695	494	711
Now Hampshire.....	10	8	6	66	52	106	56
New Jersey.....	21	72	16	6,364	18,326	10,474	18,335
Ohio.....	12	10	3	125	94	28	95
Vermont.....	44	42	27	148	126	294	130
Virginia, E. Shore, 2d crop.....	63	34	21	396	322	357	325
Wyoming.....	50	88	57	630	967	927	1,037
Others.....	21	80	100	6,495	5,719	6,699	5,748
Total.....	373	432	391	16,075	27,038	20,139	27,181
<b>SUMMARY POTATOES</b>							
Leading sections, late crop.....	16,517	21,604	17,087	172,053	169,400	169,731	186,055
Other sections, late crop.....	373	432	391	16,075	27,038	20,139	27,181
Early crop 1923.....	2	3	11	33,426	40,922	32,534	40,922
Total.....	16,892	22,039	17,489	221,554	237,360	222,404	254,158



Carload Shipments of Fruits and Vegetables, by States—Contd.

Shipping district	April			Season total to Apr. 30, 1924	Season total to Apr. 30, 1923	Season total to Apr. 30, 1922	Total last season
	1924	1923	1922				
<b>SPINACH</b>							
California, N. Dist.	33	324	151	51	428	168	428
Maryland	24	77	89	538	456	89	663
North Carolina	14	3	0	26	18	1	18
South Carolina	29	0	9	148	422	161	422
Texas	293	264	126	2,707	2,429	1,457	2,433
Virginia	1,496	1,293	854	3,123	2,906	2,135	3,208
Others	4	6	1	196	156	302	182
<b>Total</b>	<b>1,893</b>	<b>1,966</b>	<b>1,230</b>	<b>6,789</b>	<b>6,815</b>	<b>4,313</b>	<b>7,354</b>
<b>STRING BEANS</b>							
Florida	183	920	450	262	1,319	593	1,654
Texas	119	14	0	119	15	21	70
Others	0	3	21	0	5	21	1,497
<b>Total</b>	<b>302</b>	<b>937</b>	<b>471</b>	<b>381</b>	<b>1,339</b>	<b>635</b>	<b>3,221</b>
<b>STRAWBERRIES</b>							
Alabama	124	274	296	124	274	313	693
California	70	21	6	71	21	6	226
Florida	96	90	45	557	1,035	322	1,035
Louisiana	1,008	954	1,282	1,021	1,068	1,355	1,678
Mississippi	21	20	50	21	20	50	141
Texas	38	11	4	38	11	4	59
Others	7	206	718	7	206	718	13,958
<b>Total</b>	<b>1,364</b>	<b>1,576</b>	<b>2,401</b>	<b>1,839</b>	<b>2,635</b>	<b>2,768</b>	<b>17,790</b>
<b>SWEET POTATOES</b>							
Delaware	81	284	111	1,511	2,555	1,702	2,632
Louisiana	16	99	94	415	992	776	1,033
Maryland	16	135	36	1,036	1,716	1,313	1,750
New Jersey	33	97	70	1,508	2,807	2,158	2,857
North Carolina	10	70	66	549	597	971	679
Tennessee	16	196	164	694	1,386	1,421	1,495
Others	32	283	518	8,144	10,948	10,070	11,123
<b>Total</b>	<b>204</b>	<b>1,164</b>	<b>1,059</b>	<b>13,907</b>	<b>21,001</b>	<b>18,411</b>	<b>21,569</b>
<b>TOMATOES</b>							
Florida, E. Coast	1,453	1,646	2,261	5,151	5,036	5,473	5,201
<b>Grand total</b>	<b>39,655</b>	<b>46,350</b>	<b>43,814</b>	<b>472,104</b>	<b>464,389</b>	<b>468,200</b>	<b>565,142</b>

Carload Shipments of Citrus Fruits for April

State and product	April			March		
	1924	1923	1922	1924	1923	1922
<b>Grapefruit:</b>						
California	33	18	45	46	37	47
Florida	2,011	2,040	1,990	2,676	2,776	2,046
Others	9	1	6	30	22	0
<b>Total</b>	<b>2,053</b>	<b>2,059</b>	<b>2,041</b>	<b>2,752</b>	<b>2,835</b>	<b>2,093</b>
<b>Lemons:</b>						
California	1,254	838	956	897	664	918
<b>Oranges:</b>						
California	5,147	5,532	3,153	3,563	5,734	4,222
Florida	4,221	1,798	1,086	5,039	2,713	1,802
Others	5	0	1	0	0	0
<b>Total</b>	<b>9,373</b>	<b>7,330</b>	<b>4,240</b>	<b>8,602</b>	<b>8,447</b>	<b>6,024</b>
<b>Mixed citrus fruits:</b>						
California	21	107	0	150	125	0
Florida	452	204	44	459	367	63
Others	0	0	1	0	1	0
<b>Total</b>	<b>473</b>	<b>311</b>	<b>45</b>	<b>609</b>	<b>493</b>	<b>63</b>

Federal Inspections During April

April inspections of fruits and vegetables increased considerably over March totals in 30 leading receiving markets. Fruit inspections were 35% greater than the four-year average, comprising about two-fifths of the whole number. New York City again led the list with a total of 740 inspections during the month, compared with only 518 the same month last year. Chicago followed New York with 244 inspections and St. Louis had 198. Other important markets were Boston 143; Pittsburgh 141; Philadelphia 112; and Kansas City 111. Buffalo, Cleveland, Detroit, and New Orleans each had about 100 inspections.

Total City Inspections During April, with Comparisons

Classification	April, 1921	April, 1922	April, 1923	March, 1924	April, 1924	4-year average for April
Fruit inspections	622	684	840	1,090	1,100	811
Vegetable inspections	1,031	1,831	1,636	1,594	1,633	1,558
<b>Total inspections</b>	<b>1,653</b>	<b>2,565</b>	<b>2,526</b>	<b>2,684</b>	<b>2,733</b>	<b>2,369</b>

Inspections for the Navy and Marine Corps

Classification	Navy			Marine Corps		
	April, 1923	March, 1924	April, 1924	April, 1923	March, 1924	April, 1924
Quantity passed	1,804,251	2,795,035	2,640,430	276,632	342,353	439,692
Quantity rejected	85,111	66,265	160,734	4,707	2,999	2,962
<b>Total inspected</b>	<b>1,889,362</b>	<b>2,861,300</b>	<b>2,801,164</b>	<b>281,339</b>	<b>344,682</b>	<b>442,654</b>
Cuts made to comply with specifications	3,460	4,239	3,162	440	176	491

Inspections totaling 63,518 lbs. were made for the United States Shipping Board at Norfolk and New York. Additional inspections of 456,654 lbs. were made at New York for the United States Lines, of which 50,879 lbs. were not passed, and for the Munson Line 69,946 lbs. were inspected, with rejections comprising 1,840 lbs. of that amount.

Peach Supply of New York and Chicago

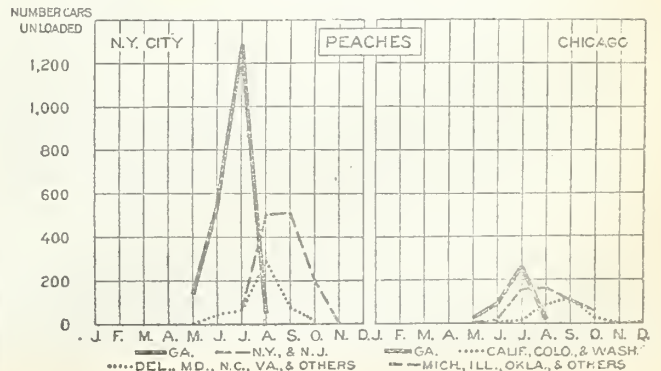
New York City, with a population about twice as great as Chicago's, takes a five-year average of 3,939 carloads of peaches per year, while Chicago reports only 1,692. Pittsburgh ranks next with about 1,000 cars per average season. Philadelphia receives an average of only 928 carloads but obtains considerable quantities of peaches from New Jersey by truck.

New York City's preeminence as a consumer of peaches doubtless is due in part to its location between the great fruit sections of New Jersey and New York and to the fact that it is the leading market for Georgia peaches. Usually about one-third of the total shipments from Georgia are destined to Greater New York. Average Georgia arrivals during a five-year period have been over 2,300 carloads. New Jersey averages 395 cars of peaches in that market each season and New York State 621 carloads. Only about 400 cars reach the metropolis from all other producing sections combined; more than 200 cars come across the continent from California.

After Georgia has shipped 460 cars of peaches to Chicago, the nearer producing sections supply the city with large quantities of this fruit. Michigan sends, largely by boat, the equivalent of 250 carloads per season and Illinois furnishes nearly 200. New York State's contribution is less than half as great. Western peaches from Colorado, Washington, and California fill about 325 cars during the summer months, California averaging 180 of them.

The chart shows in some detail the main sources and season of supply at New York and Chicago.

Sources of Supply and Monthly Unloads of Peaches at New York and Chicago, 1917-1921



### Apple Market Season

Lowest prices of recent years were paid for the huge 1923 apple crop. Throughout the season, enormous stocks were on hand in cold-storage houses and the market in the United States at times seemed almost paralyzed. Foreign trade provided an outlet for more apples than ever before, although at rather low net prices.

The 1923 commercial apple crop of over 34,000,000 barrels was the largest ever grown, exceeding by 2,000,000 barrels the big crop of 1922, and even surpassing 1920's record production. An estimated shortage of about 4,000 cars in the East was made up two or three times over by gains in northwestern sections. The problem was to dispose of just as many eastern late apples as the year before and 20% more western apples of better grade than in 1922. It was estimated that summer varieties composed about 10% of the crop, fall and early winter 27%, and late winter 63%. England's crop, however, was about half normal size and production was light in continental Europe, affording a good outlet for the large surplus in the United States and Canada.

### Commercial Production of Apples

[Barrels, expressed in thousands, i. e., 000 omitted.]

Leading States	5-year average	1919	1920	1921	1922	1923
<b>EASTERN—BARREL AREAS</b>						
Illinois.....	1,056	712	1,369	397	1,450	1,351
Maine.....	444	675	230	657	232	425
Michigan.....	1,848	1,050	3,167	1,208	1,699	2,118
Missouri.....	813	1,010	924	30	1,230	850
New York.....	4,535	2,975	6,500	3,300	6,000	3,900
Ohio.....	745	280	1,445	360	608	1,033
Pennsylvania.....	1,002	759	1,547	221	1,216	1,266
Virginia.....	1,394	1,653	1,988	80	1,400	1,850
West Virginia.....	870	648	1,340	130	881	1,350
Others.....	4,012	4,297	5,665	1,182	4,553	4,365
<b>Total, Eastern.....</b>	<b>16,719</b>	<b>14,059</b>	<b>24,175</b>	<b>7,555</b>	<b>19,289</b>	<b>18,508</b>
<b>WESTERN—BOX AREAS</b>						
California.....	1,383	1,200	1,230	1,352	1,399	1,732
Colorado.....	843	828	736	812	1,034	803
Idaho.....	1,175	1,008	756	1,359	1,150	1,600
Oregon.....	1,373	1,357	832	1,667	1,260	1,750
Washington.....	7,547	7,167	5,734	8,300	7,341	9,198
Others.....	534	540	442	502	472	712
<b>Total, Western.....</b>	<b>12,855</b>	<b>12,100</b>	<b>9,730</b>	<b>13,992</b>	<b>12,656</b>	<b>15,795</b>
<b>SUMMARY</b>						
Eastern.....	16,719	14,059	24,175	7,555	19,289	18,508
Western.....	12,855	12,100	9,730	13,992	12,656	15,795
<b>Grand total.....</b>	<b>29,574</b>	<b>26,159</b>	<b>33,905</b>	<b>21,557</b>	<b>31,945</b>	<b>34,303</b>

In September, market supplies were light, in spite of liberal production. Comparative shortage of early apples accounted for this condition, and early varieties sold higher than in 1922. By October, market movement had been stimulated by the short crop in England and high opening prices, but that month and in November prices went to low point of the season on British markets. Jobbing prices in the United States also were weaker, and the distinguishing trait of the season's apple market was already apparent in the extreme lack of activity, resulting from oversupply. Prices remained at low levels throughout the whole season.

From the middle of October until February, American apple prices in the United Kingdom were lower than during the same period the year before, but throughout most of the season export prices were fairly satisfactory to shippers. Both boxed and barreled apples moved to foreign markets in vastly heavier volume in 1923-24, with 85.1% of eastern exports and 61.8% of northwestern going to the United Kingdom. Total shipments to all foreign markets from August 1, 1923, to March 31, 1924, amounted to 1,917,224 barrels and 5,516,295 boxes compared with only 565,130 barrels and 3,253,281 boxes during the corresponding period last year.

Heaviest cold-storage holdings on record also featured the season. In October, barreled stocks in storage were comparatively light, making the total less than the five-season average, but from that month on, holdings mounted by millions and reached a height of over ten million barrels December 1. By May, when supplies are usually about cleaned up, stocks in cold storage were twice the preceding year's figures and almost double the five-season average.

### Cold-Storage Holdings of Apples

[In thousands, i. e., 000 omitted.]

Date	Barrels (including bushel baskets)			Boxes			Total equivalent in barrels (including bushel baskets)		
	5-season average	1922-23	1923-24	5-season average	1922-23	1923-24	5-season average	1922-23	1923-24
Oct. 1.....	746	1,219	664	568	669	789	937	1,452	927
Nov. 1.....	3,440	4,133	4,619	4,727	4,164	6,886	5,015	5,521	6,914
Dec. 1.....	3,934	4,319	5,477	9,372	7,271	13,866	7,058	6,743	10,099
Jan. 1.....	3,414	3,708	4,962	9,870	8,319	14,201	6,704	6,481	9,696
Feb. 1.....	2,673	2,839	3,993	8,278	7,612	11,550	5,432	5,376	7,843
Mar. 1.....	1,888	2,013	3,025	6,183	5,593	8,821	3,949	3,877	5,955
Apr. 1.....	1,083	1,199	1,925	3,964	3,345	5,837	2,405	2,314	3,871
May 1.....	535	578	1,125	2,018	1,475	2,919	1,207	1,070	1,209

<sup>1</sup> Preliminary.

Actual shipments from the eastern States up to the end of May were some 6,000 cars more than the season preceding and from the western box region fully 16,000 cars more than in 1922-23. Combined shipments of nearly 135,000 cars exceeded the completed total of last season by over 22,000. Washington, as usual, supplied much more than half the boxed apples and shipped nearly twice as many cars as New York, the leading "barrel State." Idaho, for the first time, reached second place in the box region, with Oregon and California also close contestants for that position. Virginia, in the barrel section, again this season slightly exceeded Michigan and each State shipped about half as many cars as New York.

### Car-lot Shipments of Apples

Leading States	5-season average	1919-20	1920-21	1921-22	1922-23	1923-24
<b>EASTERN—BARREL AREAS</b>						
Illinois.....	3,319	2,935	3,471	445	4,840	4,904
Maine.....	1,642	2,343	414	4,306	278	869
Michigan.....	6,170	3,435	6,212	5,992	6,015	9,195
Missouri.....	2,183	2,155	1,725	10	3,080	3,945
New York.....	22,320	10,286	33,869	17,735	29,981	19,733
Ohio.....	662	255	976	615	424	1,041
Pennsylvania.....	2,187	1,266	3,402	226	2,038	4,005
Virginia.....	6,569	7,075	8,762	323	6,975	9,711
West Virginia.....	3,622	2,849	4,880	801	1,240	7,341
Others.....	8,228	8,543	9,203	1,567	10,126	11,401
<b>Total, Eastern.....</b>	<b>56,902</b>	<b>41,442</b>	<b>72,905</b>	<b>32,020</b>	<b>65,997</b>	<b>72,146</b>
<b>WESTERN—BOX AREAS</b>						
California.....	5,030	4,153	4,503	5,055	4,966	6,471
Colorado.....	3,214	3,225	2,861	3,886	3,355	2,716
Idaho.....	4,756	3,943	2,881	5,811	4,230	6,915
Oregon.....	5,036	5,443	3,170	6,543	3,893	6,430
Washington.....	29,505	27,169	21,627	32,961	28,291	37,487
Others.....	1,808	1,660	1,333	2,038	1,521	2,789
<b>Total, Western.....</b>	<b>49,470</b>	<b>45,593</b>	<b>36,375</b>	<b>56,294</b>	<b>46,286</b>	<b>62,808</b>
<b>SUMMARY</b>						
Eastern.....	56,902	41,442	72,905	32,020	65,997	72,146
Western.....	49,470	45,593	36,375	56,294	46,286	62,808
<b>Grand total.....</b>	<b>106,372</b>	<b>87,035</b>	<b>109,280</b>	<b>88,314</b>	<b>112,283</b>	<b>134,954</b>

Oiled wraps were widely used for packing northwestern apples, especially cold-storage stock. As a result, unusual quantities of boxed apples in excellent condition were still on the market late in the spring months. At least one-third of the commercial boxed crop, or about 12,000,000 to 15,000,000 boxes, was oil wrapped in the 1923-24 season, compared with around 600,000 boxes the year before. The most important end accomplished by oiled wraps is the prevention of damage from scald. The cost is about 2¢ a box more than for ordinary wrappers.

A bumper crop of unusually good quality was the fortune of the Northwest in the Wenatchee-Okanogan district of Washington. Winesaps composed about 35% of the crop, Delicious 20%, and Jonathans 16-18%. About three-fifths of the crop was estimated to grade Extra Fancy, and the loss from worms was very slight, although some water-core developed later. Shippers packed about 60% of the apples in oiled wraps. Marketing of various varieties was not in the usual order. Winesaps were demanded long before earlier varieties had cleaned up and Romes were hard to sell. Net returns were

not generally satisfactory, in spite of some favorable conditions, including the general industrial prosperity and active foreign demand. F. o. b. prices in the Wenatchee district showed little fluctuation, ruling \$1.35-\$1.50 per box for Extra Fancy Winesaps throughout most of the season.

Yakima, the district second to Wenatchee in the Northwest, also produced apples of better size than for several years past. The crop was estimated at 4,000 cars of Winesaps and 3,000 cars of Jonathans, the two varieties comprising 60% of the total. There was cold-storage space in the district for 4,500 to 5,000 cars. Extra Fancy stock made up nearly 70% of the crop in the Hood River section, and also a large part of the apples in Walla Walla district, where the quality and size were excellent.

New York, always the leading eastern apple State, but with about 2,000,000 barrels fewer apples than the preceding year, was exceptional among the season's great producing regions in reporting a crop of uneven quality. Much scab and wormy fruit appeared. Growers found an outlet for small, inferior stock in cider mills and canning factories. In November, cider apples were bringing the grower 40-50c per 100 pounds and hand-picked canner stock \$1-\$1.25. Later, however, these markets were stocked up and the prices were lower. Growers stored much of their fruit orchard-run, so that shrinkage in packing out for shipment was heavy. It is probable that New York apples found more severe general competition the past season than ever before. Greenings sold more readily than any other variety, partly because competing apples from other States were mostly red. Good export demand for small sizes, with cider and canner-stock markets, proved the salvation of New York's apple trade.

Michigan, the leading barreled apple State except New York, reported a crop of best quality in many years, and 400,000 barrels more than in 1922. Thorough spraying of the orchards was more general and practically no scab or worms were in evidence. There was more A-grade stock, except Baldwins, of which 50-60% failed to meet requirements because of aphid injury and other defects. Size was not very large, as rainfall had not been great. Not so much of the stock was shipped in bulk, probably because quality was better. The use of bushel baskets increased, and many more carloads than usual went to Chicago, mostly by boat. Contract selling also was more frequent.

Potomac Valley apples were smaller because of heavily loaded trees, but quality there, too, was the best in years. Growers in the Cumberland-Winchester-Martinsburg belt of Virginia and West Virginia took advantage of export opportunities more than any other eastern producing section. About 85% of the exported apples from the Winchester district were consigned. Virginia's crop was 450,000 barrels greater than in 1922, and West Virginia produced nearly 500,000 more.

**Monthly Jobbing Prices of Apples**

Eastern Baldwins in New York; Midwestern Baldwins in Chicago  
[A2½-inch stock, in barrels]

Month	1921-22		1922-23		1923-24	
	New York	Chicago	New York	Chicago	New York	Chicago
Oct.....	\$6.50-\$7.50	\$6.00-\$7.50	\$3.25-\$4.50	\$3.00-\$6.50	\$3.00-\$3.80	\$5.50-\$6.00
Nov.....	6.50-8.00	7.00-7.50	4.00-4.50	3.50-4.50	3.30-4.10	5.50-6.00
Dec.....	7.00-8.25	6.75-7.50	4.25-5.00	4.00-5.50	3.75-4.75	4.00-4.50
Jan.....	7.25-8.00	7.00-8.00	4.25-5.00	4.50-5.00	4.00-4.50	4.50-5.00
Feb.....	7.25-8.00	7.50-8.50	4.25-5.25	4.50-5.50	3.50-4.25	4.00-4.50
Mar.....	7.50-8.25	7.50-8.50	5.00-5.50	5.00-6.00	3.50	4.00-4.50
Apr.....	7.50-8.25	7.50-8.50	5.50-6.00	5.50-6.00	3.00-3.75	4.00-4.50
May.....	7.50-9.00	7.50-8.25	6.00-7.00	5.75-6.75	3.50-4.25	3.50-4.25

Northwestern Extra Fancy Winesaps in Chicago and New York  
[Medium to large stock, in boxes]

Month	1921-22		1922-23		1923-24	
	New York	Chicago	New York	Chicago	New York	Chicago
Oct.....	\$2.80-\$3.60	\$2.25-\$3.00	\$2.35-\$3.10	\$2.25-\$2.80	\$1.80-\$2.25	\$2.15-\$2.35
Nov.....	2.25-2.50	2.00-3.00	1.90-2.15	2.10-2.40	1.75-2.05	2.00-2.25
Dec.....	2.65-3.25	2.50-3.00	1.65-1.85	2.10-2.35	1.60-2.05	2.00-2.25
Jan.....	2.90-3.25	2.35-2.85	2.25-2.70	2.35-2.55	2.00-2.50	2.25-2.50
Feb.....	3.40-3.80	2.85-3.35	2.05-2.35	2.30-2.50	1.90-2.25	2.25-2.50
Mar.....	3.50-3.80	2.95-3.85	2.30-2.70	2.45-2.60	2.15-2.50	2.25-2.50
Apr.....	3.10-3.85	2.95-3.80	2.85-3.25	2.55-2.65	2.00-2.40	2.25-2.50
May.....	3.15-4.10	2.90-3.30	3.25-3.60	2.95-3.35	2.25-2.50	2.25-2.35

<sup>1</sup>York Imperials.

<sup>2</sup>Jonathans.

<sup>3</sup>Spitzenbergs.

**Retail Prices of Field Seeds Easier**

Retail prices of many kinds of field seeds declined during May, according to information furnished the United States Department of Agriculture by more than 1,200 retail seed dealers throughout the country. Apparently the carry-over of all kinds of seed by retail dealers will be very light. No unusual demand for late-sown seeds is anticipated.

Retail prices on June 5 were lower than a month ago for red clover, white clover, sweet clover, alfalfa, timothy, redbtop, amber and orange sorgo, rape, common vetch, soy beans, and seed corn. Slight advances occurred, however, for alsike clover, Kentucky blue grass, orchard grass and most varieties of millet, also Sudan grass, hairy vetch, and cowpeas. With exception of Sudan grass and vetches the changes in retail prices corresponded very well with the changes in the wholesale market during the month of May.

Compared with last year prices on June 5 were higher for red clover, sweet clover, alfalfa, timothy, Kentucky blue grass, orchard grass, cowpeas, and seed corn, but were lower for alsike clover, white clover, redbtop, millets, sorgos, Sudan grass, rape, vetches, soy beans, and most seed grains.

The table on the next page shows prices on June 5 by States.

**Imports of Forage Plant Seeds**

Permitted Entry into the United States Under the Seed Importation Act

[Reported by the Seed Laboratory of the Bureau of Plant Industry]

Kind of seed	May		July 1, 1923, to May 31, 1924	July 1, 1922, to May 31, 1923
	1924	1923		
Alfalfa.....	<sup>1</sup> 792,100	121,400	12,057,500	8,282,890
Canada blue grass.....	15,900	86,200	513,100	835,700
Alsike clover.....	236,200	30,000	11,015,400	5,565,100
Crimson clover.....	<sup>2</sup> 298,900	154,100	7,576,000	2,181,500
Red clover.....	<sup>3</sup> 243,500	3,100	24,728,900	447,900
White clover.....	27,900	53,400	1,344,900	465,700
Clover mixtures.....		4,400	74,000	20,100
Meadow fescue.....			300	
Agrostis mixtures.....				2,600
Grass mixtures.....			100	100
Broom-corn millet.....		407,500	564,100	4,827,100
Foxtail millet.....	13,500		154,200	65,300
Orchard grass.....	21,100		603,200	768,000
Rape.....	<sup>4</sup> 451,500	22,700	6,578,200	6,384,100
Redtop.....	300		400	11,400
English ryegrass.....	70,300	106,900	1,897,000	1,739,300
Italian ryegrass.....	11,400	44,700	1,033,700	848,300
Timothy.....	107		100	
Hairy vetch.....	<sup>5</sup> 192,100	137,700	2,940,500	1,589,000
Spring vetch.....	<sup>6</sup> 303,100	210,900	1,033,400	1,828,000

Not Subject to the Seed Importation Act

Bentgrass.....	7,700	337,700
Biennial white-flowered sweet clover.....	99,600	4,030,200
Biennial yellow-flowered sweet clover.....	200	222,000
Bur clover.....		4,700
Crested dog's tail.....		83,100
Chewings fescue.....	120,200	1,118,900
Other fescues.....	16,500	465,300
Meadow foxtail.....		10,500
Rescue grass.....		1,500
Rhodes grass.....	6,200	21,900
Rough-stalked meadow grass.....	9,000	41,100
Sanfoin.....		700
Sweet vernal grass.....		1,600
Annual sweet vernal grass.....		6,500
Tall oat grass.....		300
Tall paspalum.....	700	5,100
Velvet grass.....		19,600
Wood meadow grass.....	1,000	16,500
Yarrow.....		700

<sup>1</sup>299,500 lbs. from Canada; 141,000 lbs. from Argentina; 76,500 lbs. from South Africa; 252,300 lbs. from France; 83,100 lbs. from Holland; 14,700 lbs. from Italy.

<sup>2</sup>135,500 lbs. from Hungary; 106,700 lbs. from France; 53,400 lbs. from Austria.

<sup>3</sup>113,100 lbs. from England (all of Chilean origin); 103,900 lbs. from France; 14,500 lbs. from Chile; 12,000 lbs. from Canada.

<sup>4</sup>424,000 lbs. from Holland; 27,500 lbs. from France.

<sup>5</sup>136,100 lbs. from Germany; 43,000 lbs. from Hungary; 11,000 lbs. from Sweden; 2,000 lbs. from Denmark.

<sup>6</sup>181,500 lbs. from Holland; 110,200 lbs. from Germany; 10,800 lbs. from Poland, 600 lbs. from Canada.

Asparagus plantings have been increasing in New Jersey for several years, stimulated by favorable prices. The cutting of this year is on over 5,000 acres. It may continue to July 1.

Retail Prices for Good Quality Seed, June 5, 1924

[In dollars per 100 pounds except for seed grains—corn, wheat, oats, barley, rye, and buckwheat, which are per bushel]

State	Red clover	Alsike clover	White clover	Sweet clover	Alfalfa	Timothy	Redtop	Kentucky blue grass	Orchard grass	German millet	Common millet	Siberian millet	Hungarian millet	Japanese millet	Amber sorgo	Orange sorgo	Sudan grass	Rape	Hairy vetch	Common vetch	Cowpeas	Soy beans	Seed corn	Seed wheat	Seed oats	Seed barley	Seed rye	Seed buck-wheat	
New England States	29.20	23.65	59.70	21.00	29.20	11.10	21.30	37.00	22.00	8.00	6.05	6.35	6.25	6.00	15.00	14.25	20.00	9.00	7.10	6.65	2.70	2.30	1.00	1.75	2.35	1.95	1.95		
New York	24.75	19.35	59.55	16.95	25.95	10.05	21.20	30.90	24.40	6.40	6.35	5.85	3.70	5.00	15.00	10.25	15.25	8.00	6.25	6.45	2.45	2.25	1.60	1.55	1.75	1.55	1.55		
Pennsylvania	25.60	19.90	66.90	18.95	25.95	10.35	18.05	30.75	22.75	5.75	5.00	5.00	4.00	4.50	13.00	14.00	14.65	7.50	7.50	6.40	3.05	2.85	1.95	1.90	1.95	2.00	2.00		
Maryland	24.55	20.65	57.50	18.40	25.90	10.10	20.85	30.55	24.55	5.85	5.00	6.00	4.30	4.60	14.90	10.00	17.70	7.00	6.55	6.40	3.00	2.85	1.50	1.50	1.75	1.50	1.50		
Virginia	24.85	19.35	55.00	15.25	24.30	9.75	17.20	29.50	20.10	5.80	5.00	4.35	4.35	4.35	14.30	11.35	13.20	8.50	6.60	5.45	2.35	1.50	85	1.25	1.25	1.60	1.60		
Southeastern States	25.00	23.50	52.00	16.00	24.00	10.00	23.75	37.50	23.75	7.45	5.00	3.75	3.80	4.50	13.20	13.65	13.20	8.00	5.40	5.10	3.45	1.75	1.25	1.25	1.60	1.60	1.60		
Tennessee	24.75	21.55	52.00	17.95	23.50	9.65	17.45	28.60	19.30	6.00	4.75	3.10	3.25	3.05	11.70	18.60	11.70	6.10	5.10	2.10	2.25	85	1.25	1.25	1.60	1.60	1.60		
Kentucky	35.40	19.70	57.65	17.40	24.45	9.70	17.25	30.45	20.55	7.00	5.35	5.50	4.65	13.10	9.95	12.60	11.60	6.75	5.40	2.55	1.25	75	1.10	1.50	1.70	1.70	1.70		
Ohio	24.65	18.20	61.00	17.85	25.60	9.90	21.05	33.15	20.85	6.25	4.60	5.20	3.55	4.75	4.30	13.40	10.95	17.75	8.00	6.05	5.00	2.40	1.40	70	1.01	0.51	1.85	1.85	
Indiana	25.50	19.60	57.95	17.70	25.20	9.80	19.60	32.60	20.90	5.95	5.00	5.60	4.80	12.50	10.60	18.00	12.40	5.90	4.55	2.50	1.35	60	1.00	1.01	1.85	1.85	1.85		
Illinois	26.00	19.35	54.70	18.05	25.80	9.30	18.30	36.05	22.55	3.35	3.90	3.85	5.60	3.65	3.45	3.60	12.00	9.50	12.20	5.75	4.90	3.30	1.35	60	951	0.00	2.25	2.25	
Iowa	26.00	20.65	63.05	18.70	26.25	8.75	21.10	37.00	21.90	4.80	4.40	4.94	3.55	15.35	5.35	3.95	4.10	11.60	6.15	5.90	3.20	1.75	60	901	25	2.20	2.20	2.20	
Missouri	25.55	19.95	59.25	18.15	23.40	9.15	17.60	32.85	20.00	4.95	3.85	3.80	6.00	5.35	2.85	3.20	11.00	9.90	16.50	6.65	5.05	2.35	1.35	65	1.05	1.15	1.70	1.70	
Michigan	24.20	18.85	63.75	16.00	27.25	10.10	21.90	37.65	23.20	5.45	4.40	4.50	5.75	4.15	4.00	10.00	12.40	10.80	14.55	6.35	5.80	2.85	1.85	75	1.20	1.35	1.60	1.60	
Wisconsin	25.30	19.65	50.90	17.85	27.45	9.75	19.30	32.00	22.85	5.45	4.35	3.65	4.90	3.85	5.10	11.85	9.70	15.15	6.35	6.30	3.10	1.85	75	1.05	1.10	1.60	1.60		
Minnesota	25.70	21.15	62.40	17.80	28.85	9.30	21.75	38.25	20.00	5.65	3.65	4.10	5.10	4.00	4.65	11.60	9.70	17.50	7.85	7.00	3.10	1.60	70	85	1.15	1.45	1.45	1.45	
North Dakota	23.45	20.30	56.90	15.65	27.45	8.75	20.95	33.80	19.75	4.75	3.25	3.75	4.90	3.70	4.10	10.90	10.20	12.20	7.70	2.80	1.35	50	65	701	85	1.55	1.55	1.55	
South Dakota	25.60	21.15	62.40	17.80	28.85	9.30	21.75	38.25	20.00	5.65	3.65	4.10	5.10	4.00	4.65	11.60	9.70	17.50	7.85	7.00	3.10	1.60	70	85	1.15	1.45	1.45	1.45	
Nebraska	25.55	20.25	63.85	17.45	24.00	10.20	22.20	37.75	20.50	4.20	3.00	2.80	4.00	3.25	2.55	2.70	9.95	10.10	12.40	7.40	5.45	1.85	1.40	70	75	1.01	1.50	1.50	
Kansas	24.80	19.60	61.60	16.45	22.05	9.65	18.70	33.50	19.40	3.65	2.40	2.20	4.00	3.00	1.85	2.20	9.40	10.45	12.40	7.40	5.45	1.85	1.40	70	75	1.01	1.50	1.50	
Oklahoma	22.50	60.00	18.40	22.90	11.00	19.50	40.00	26.00	5.05	4.25	2.75	3.00	11.05	11.60	2.75	3.00	10.40	7.80	7.00	2.60	.95	75	95	1.65	1.65	1.65	1.65	1.65	
Arkansas	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Texas	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
New Mexico	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Montana	25.60	23.85	72.55	16.15	26.30	10.15	16.00	43.65	21.00	5.30	3.40	4.10	5.85	2.50	4.40	10.90	7.25	12.60	6.50	7.00	2.85	1.15	55	85	1.25	2.10	2.10	2.10	2.10
Colorado	26.50	23.60	60.70	15.85	23.05	10.90	19.85	34.35	22.30	3.75	2.25	2.40	3.55	5.25	2.50	3.15	9.40	9.30	19.35	9.75	6.30	2.30	1.35	70	95	1.15	2.90	2.90	2.90
Idaho	25.95	20.80	67.75	20.75	24.20	11.05	23.15	36.95	25.20	3.75	2.25	2.40	3.55	5.25	2.50	3.15	9.40	9.30	19.35	9.75	6.30	2.30	1.35	70	95	1.15	2.90	2.90	2.90
Utah	25.00	23.25	55.00	14.00	19.15	11.30	21.25	39.15	24.30	7.50	5.00	5.00	5.00	5.00	4.75	17.29	8.00	20.00	8.00	5.65	6.35	1.51	1.30	70	1.01	1.50	1.50	1.50	1.50
Washington	27.85	24.65	68.30	23.75	26.75	11.65	27.40	42.35	27.85	6.15	6.10	6.15	6.10	6.15	6.10	13.50	11.80	21.65	6.85	6.25	4.00	1.35	75	1.20	1.40	3.40	3.40	3.40	3.40
Oregon	24.45	19.75	68.30	19.95	25.65	10.70	24.65	43.40	25.10	6.15	6.10	6.15	6.10	6.15	6.10	13.50	11.80	21.65	6.85	6.25	4.00	1.35	75	1.20	1.40	3.40	3.40	3.40	3.40
California	75.80	22.45	24.15	24.15	24.15	29.00	44.95	29.25	6.35	6.15	4.75	5.75	5.50	6.95	6.75	14.70	7.85	13.50	7.10	8.70	2.85	1.50	90	1.00	1.60	2.60	2.60	2.60	2.60

Inspections of United States Wheat for Export, by Grades and Classes

May, 1924

Bushels (000 omitted)

Classes	Hard Red Spring				Durum				Hard Red Winter				Soft Red Winter				White				Mixed				Total, all classes				
	No. 1	No. 2	All other	Total	No. 1	No. 2	All other	Total	No. 1	No. 2	All other	Total	No. 1	No. 2	All other	Total	No. 1	No. 2	All other	Total	No. 1	No. 2	All other	Total					
Portland, Me.																													
Boston																													
New York							426					11													229		229	660	
Philadelphia							257																		52		52	317	
Baltimore															16													16	
Newport News																													
Norfolk																													
New Orleans											224																	224	
Galveston																													
Texas City																													
Port Arthur, Tex.																													
Portland, Oreg.				19							212			37														249	
Seattle											45																	45	
Tacoma																													
Astoria																													
San Francisco																												10	
Total May, 1924			19			683		683	267	272				539	46	46		46		1,166		1,166				345		345	2,798
Total April, 1924						309		309	383	245				628	103	32		135		1,582		1,582				634	56	690	3,344
Total July 1, 1923 to May 31, 1924	553	466		1,019	81	4,532		4,613	3,523	15,018				18,541	1,146	7,934	497	9,577		324	17,058	106	17,488		3,720	1,262	4,982	26,220	

Federated Fruit and Vegetable Growers

Shipments originating in 39 States were sold by the Federated Fruit and Vegetable Growers, New York City, in 772 cities and towns in 46 States during 1923, the first year of the association's existence. The total number of cars handled by the receiving and sales departments was 33,510. Of



Receipts of Shelled Corn for April, 1924

Amount of each class and grade in terms of carloads inspected on arrival at all inspection points by inspectors licensed under the United States grain standards Act

Points at which received	White						Yellow						Mixed						Total Apr., 1924	Total Mar., 1924	Total Oct. 1, 1923-Apr. 30, 1924	Total Oct. 1, 1922-Apr. 30, 1923	
	No. 1	No. 2	No. 3	No. 4	All others	Total	No. 1	No. 2	No. 3	No. 4	All others	Total	No. 1	No. 2	No. 3	No. 4	All others	Total					
Chicago		15	99	116	34	264		91	603	473	249	1,416		59	341	167	82	649	2,329	4,348	36,471	49,745	
Omaha		8	113	87	37	245	1	24	357	269	132	783		16	289	211	144	660	1,688	1,995	14,129	11,993	
Peoria		5	6	6	10	27		15	147	171	127	460		11	123	34	22	190	677	545	6,796	8,551	
Kansas City, Kans. & Mo.		60	141	26	5	232		108	362	65	20	555		83	507	85	29	704	1,491	1,559	11,544	7,849	
St. Louis and E. St. Louis		39	200	82	22	343		59	448	313	106	926		10	194	89	39	332	1,601	1,320	14,001	11,477	
Milwaukee		10	46	31	2	89		6	161	85	9	261		6	51	33	6	96	446	1,692	8,419	7,992	
Indianapolis		12	81	76	40	209		4	87	105	88	234		1	20	39	39	99	592	837	7,695	9,967	
Minneapolis		1	9	11	1	22		99	189	47	6	341	2	92	193	31	11	329	692	1,612	11,708	5,027	
Buffalo		1	11	11		12		55	236	43	34	368		1	2	4	10	17	397	1,320	6,160	6,124	
Cincinnati		3	36	19	11	69		2	47	76	78	203		1	28	40	55	124	396	404	2,911	2,524	
Memphis		8	61	5	2	76	1	72	334	16	8	431		13	6		2	21	528	412	3,058	3,011	
Louisville		20	53	20	4	97		8	52	49	13	122		2	7		3	12	231	207	1,969	2,486	
Sioux City		2	18	15	3	38		21	160	82	6	269		1	26	17	3	47	354	421	4,658	5,685	
Philadelphia								16	27	13	5	61							61	537	1,768	4,605	
Nashville		6	96	68	12	184		72	45	1	2	120		7	7	3	1	18	322	276	1,899	2,238	
Cleveland								5	23	31	80	139				11	24	35	174	257	1,763	1,178	
Baltimore		12	12			24	1	13	7	10	6	37		7	10	3	6	26	87	537	2,033	8,758	
New Orleans									74	44	5	123		24	51		1	76	207	930	3,795	10,657	
Denver		3	10	3		16		12	181	68	10	271		11	86	53	18	168	455	395	3,107	3,588	
Detroit								1	11	11	6	29				1	1	2	34	161	1,056	741	
Wichita		5	20	34	4	63		3	31	19		53		36	160	50	10	256	372	303	2,463	912	
Seattle								3	74	11		88			6			6	94	75	808	825	
Fort Worth			20	5		1	26	27	6	2		35		20	39		3	62	123	180	1,284	1,168	
Portland								4	10	1	1	16			2			2	18	24	206	348	
Atlanta																							
Galveston		2				2					1	1		5	4			9	12	2	107	114	
Duluth		2	1	1		4		18	22	5	2	47		23	44	7	5	79	130	991	3,431	4,445	
New York								6	10	2	1	19						19	423	942		6,472	
St. Joseph			40	143	45	10	238	59	191	40	13	303		65	188	25	10	285	829	729	4,914	8,980	
All other inspection points		8	254	447	207	90	1,006	4	232	1,078	671	366	2,351	3	342	1,099	538	230	2,212	5,569	7,273	48,687	
Total, April, 1924		20	641	1,607	756	273	3,297	7	1,035	4,973	2,723	1,374	10,112	5	821	3,485	1,454	754	6,519	19,928			
Total, March, 1924		8	400	1,543	1,504	554	4,009	5	902	5,728	5,534	4,173	16,342	5	875	4,825	2,609	1,172	9,486		29,837		
Total, Oct. 1, 1923, to Apr. 30, 1924		323	4,599	10,852	10,141	6,703	32,618	1,420	12,601	36,294	32,571	33,463	116,649	728	9,003	25,220	14,501	9,343	58,795			208,062	
Total, Oct. 1, 1922, to Apr. 30, 1923		1,273	19,415	15,475	3,529	1,301	40,993	3,398	41,564	60,632	16,040	6,618	128,252	2,045	25,045	18,949	6,009	1,867	53,915			223,100	

Receipts of Oats for April, 1924

Amount of Each Class and Grade in Terms of Carloads, Inspected on Arrival at all Inspection Points by Inspectors Licensed Under the United States Grain Standards Act

Points at which received	White						Mixed						Red						Black and gray						Total Apr., 1924	Total Mar., 1924	Total July 1, 1923-Apr. 30, 1924	Total July 1, 1922-Apr. 30, 1923
	No. 1	No. 2	No. 3	No. 4	S. G.	Total	No. 1	No. 2	No. 3	No. 4	S. G.	Total	No. 1	No. 2	No. 3	No. 4	S. G.	Total	No. 1	No. 2	No. 3	No. 4	S. G.	Total				
Chicago	38	553	726	138	63	1,518	1	1				2								1,520	1,969	23,688	27,114					
Milwaukee		59	207	43	13	322														322	449	8,816	8,659					
Minneapolis	19	93	188	161	150	611				4	4								615	726	11,915	11,328						
New York		6	48	36	40	130													130	258	2,827	6,680						
St. Louis and E. St. Louis	10	230	266	124	81	711	6	9	5	10	30		3	4	7	3	17		758	908	9,965	8,795						
Buffalo		151	98	18	6	273													273	410	4,507	3,866						
Indianapolis		115	232	83	21	451	2	2	1		5								456	401	5,033	4,530						
Omaha	1	37	404	143	80	665		2			2								667	653	8,300	7,011						
Peoria	9	128	16	15	1	169				1	1			1					171	172	2,132	2,874						
Cairo		73	674	203	110	1,060	2	3	1	4	10		1			1	2		1,072	880	8,100	7,782						
Cincinnati	9	84	108	37	13	251	4	1			5								256	220	1,938	1,616						
Memphis	1	81	374	159	158	773		2	2		4			1			1		618	632	5,258	4,611						
Louisville		66	131	85	18	300		1			1								301	232	2,771	2,087						
Kansas City, Kans. and Mo.		44	202	37	11	294		1	1		2			1					297	380	6,379	5,465						
Philadelphia	1	19	26	13	2	61													61	104	756	2,020						
Denver		6	20	34		60													60	71	732	896						
Nashville		106	110	44	15	275				2	3		3	2		2	7		285	340	3,466	3,274						
Detroit	2	37	19	5	1	64													64	115	1,045	984						
Seattle	12	8	6	2	8	36				1	1								37	54	520	515						
Portland	10	23	8	5	1	47													70	60	874	710						
Cleveland		4	109	22	10	145													145	100	1,313	1,327						
Duluth			3	6	13	22													22	124	1,867	886						
New Orleans		3	34	19	26	82													82	36	661	837						
Fort Worth		2	41	5		48						3	11	7	1	1	23		71	57	1,423	1,003						
Baltimore		3	14		1	18													18	60	466	1,537						
Sioux City		24	83	16		123													123	164	2,700	2,805						
Boston		2	3	2		7													7	8	168	979						
Atlanta																					1	3						
Galveston			2			2													2	3	87	117						
Wichita		1	21	1		23			1		1		1	1		2			26	43	492	175						
St. Joseph		4	28	1		33													33	83	679	851						
All other inspection points		28	374	1,221	340	138	2,101	3	3	3	1	10	10	10	6	3		29	2	2,112	2,411	29,856	28,028					
Total, April, 1924		140	2,336	5,422	1,707	980	10,675	1	20	25	15	20	81	13	28	21	14	7	83	2	6	7	10					
Total, March, 1924		127	2,519	6,506	1,763	903	11,823	4	25	28	27	34	118	27	94	19	21	11	172	3	14	8	4					
Total, July 1, 1923, to Apr. 30, 1924		1,820	33,601	79,444	19,153	9,338	143,356	28	236	344	204	275	1,087	538	2,015	944	355	182	4,039	53	95	77	41					
Total, July 1, 1922, to Apr. 30, 1923		1,745	39,447	85,480	14,910	3,522	145,110	62	385	272	62	382	1,163	81	1,103	1,246	376	128	2,934	45	28	25	23					

Monthly Summary of American Cotton Consumption

May, 1924, with Comparisons

[Exclusive of linters]

Month	1913-14	1919-20	1920-21	1921-22	1922-23	1923-24	5-year average 1918-19 to 1922-23	Per cent this year is of 5-year average
Aug.....	432,350	497,319	483,560	467,059	526,380	491,604	501,858	98.0
Sept.....	442,435	491,069	457,967	484,718	494,013	483,852	483,546	100.1
Oct.....	511,923	556,041	401,325	494,317	533,744	541,825	485,156	111.7
Nov.....	456,356	491,250	332,712	527,940	579,190	531,631	477,341	111.9
Dec.....	456,262	511,711	295,292	510,925	529,842	461,560	464,036	99.5
Jan.....	517,299	591,921	366,463	526,698	610,306	576,644	530,454	108.7
Feb.....	455,231	515,699	395,115	472,336	566,805	507,876	476,650	106.6
Mar.....	493,354	573,789	438,218	519,761	624,264	483,928	518,303	93.4
Apr.....	499,646	566,914	409,247	443,509	576,514	480,010	494,412	97.1
May.....	466,744	541,377	440,714	495,337	620,854	413,649	517,243	80.0
Total 10 mos.....	4,731,600	5,339,090	4,020,613	4,942,600	5,661,412	4,991,163	4,948,999	100.9
June.....	446,145	555,155	461,917	509,218	542,026	-----	508,529	-----
July.....	448,333	525,489	410,142	458,002	462,654	-----	473,323	-----
Total 12 mos.....	5,626,078	6,419,734	4,892,672	5,909,820	6,666,092	-----	5,930,851	-----

<sup>1</sup> Revised total. Revised figures for individual months of 1923-24 not yet available.

Imports of Foreign Cotton

August 1, 1923, to May 31, 1924, with Comparisons

[500-pound bales]

Country of production	1913-14	1919-20	1920-21	1921-22	1922-23	1923-24	5-year average 1918-19 to 1922-23	Per cent this year is of 5-year average
Egypt.....	113,339	463,582	76,514	221,428	318,826	154,460	231,249	66.8
Peru.....	11,175	59,177	21,488	34,733	20,164	18,964	30,602	62.0
China.....	15,312	41,407	13,784	13,460	46,058	40,386	24,704	163.5
Mexico.....	41,036	64,256	88,130	53,637	45,417	26,872	61,175	43.9
India.....	6,507	10,221	7,716	8,032	18,449	29,803	9,158	325.4
Other countries.....	819	12,948	5,152	10,926	1,317	1,564	7,459	21.0
Total.....	188,188	651,591	212,784	342,216	450,231	272,049	364,347	74.7

Supply and Distribution of Cotton in America

August 1, 1923, to June 6, 1924, and Stocks on Hand June 6, 1924, with Comparisons

[Exclusive of linters]

[Compiled from reports of the Department of Commerce]

	Running bales, counting round as half bales			
	1921	1922	1923	1924
On hand July 31 of previous year.....	3,563,162	6,534,360	2,831,553	2,092,521
Crops of seasons ending July 31.....	13,270,970	7,977,778	9,729,306	10,159,498
Imports from Aug. 1 to May 31.....	212,784	342,216	450,231	272,049
Total.....	17,046,916	14,854,354	13,011,090	12,459,687
Less domestic consumption from Aug. 1 to May 31.....	4,020,613	4,942,600	5,661,412	4,991,163
Less exports from Aug. 1 to May 31.....	13,026,303	9,911,754	7,734,678	7,468,524
Indicated supply on May 31.....	4,660,236	5,341,551	4,441,832	5,235,631
Indicated supply on May 31.....	8,365,067	4,370,203	3,292,846	2,232,893

<sup>1</sup> Imports are in equivalent 500-lb. bales.

<sup>2</sup> Excludes 15,000 bales of the 1922-23 crop ginned prior to Aug. 1, 1922; includes 400,000 bales added to cover excess of distribution over supply.

<sup>3</sup> Excludes 64,381 bales of 1923-24 crop ginned prior to Aug. 1, 1923.

The weight of a bale of Egyptian cotton approximates 750 lbs. gross, that of the Indian bale 400 lbs. gross. The weight of the American bale averages close to 500 lbs. gross.

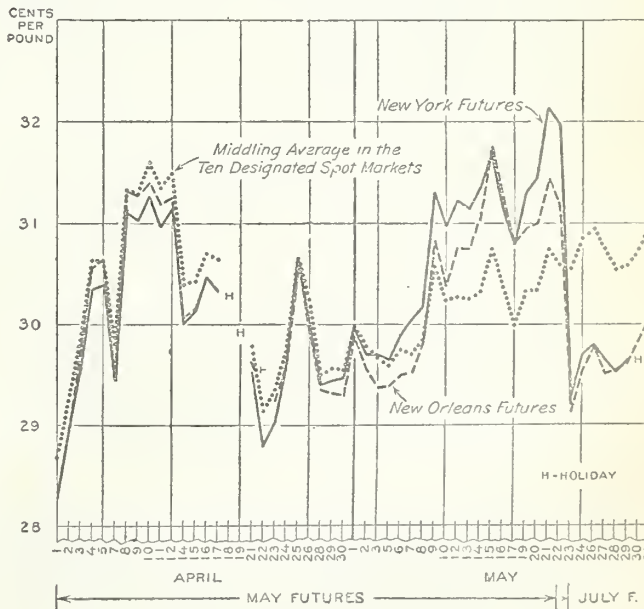
Stocks of Government-Classed Cotton at Future Markets

Inspected cotton, Government-classed, reported in warehouses at the ports of New York and New Orleans, of the grades tenderable on future contracts made on the exchanges in these markets subject to section 5 of the United States cotton futures act, as amended:

Grade	New York			New Orleans		
	June 13, 1924	June 15, 1923	June 16, 1922	June 13, 1924	June 15, 1923	June 16, 1922
No. 1 or Middling Fair.....	1	8	18	-----	-----	-----
No. 2 or Strict Good Middling.....	101	2,930	1,241	-----	27	132
No. 3 or Good Middling.....	1,867	27,292	14,866	67	137	429
No. 4 or Strict Middling.....	4,474	23,965	53,333	744	1,755	1,931
No. 5 or Middling.....	13,841	12,032	77,891	2,720	2,477	6,198
No. 6 or Strict Low Middling.....	19,567	8,012	41,465	7,482	1,169	4,263
No. 7 or Low Middling.....	7,300	2,907	6,304	8,451	108	539
No. 3 Spotted or Good Middling Spotted.....	833	-----	-----	24	-----	-----
No. 4 Spotted or Strict Middling Spotted.....	2,463	-----	-----	552	-----	-----
No. 5 Spotted or Middling Spotted.....	2,953	-----	-----	944	-----	-----
No. 2 Tinged or Strict Good Middling Yellow Tinged.....	4	-----	-----	-----	-----	-----
No. 3 Tinged or Good Middling Yellow Tinged.....	498	1,046	5,930	17	287	766
No. 4 Tinged or Strict Middling Yellow Tinged.....	1,038	456	2,959	72	108	864
No. 3 Light Stained or Good Middling Light Yellow Stained.....	29	-----	-----	-----	-----	-----
No. 3 Stained or Good Middling Yellow Stained.....	60	2	27	-----	3	2
No. 3 Gray or Good Middling Gray.....	430	-----	-----	3	-----	-----
Total.....	55,459	78,650	204,174	21,076	6,071	15,129

Total stocks of cotton all kinds, reported on June 13, at the port of New York were 60,916 bales; on June 15, 1923, 89,518 bales; and on June 16, 1922, 210,139 bales.

Comparative Cotton Price Variations for April and May



The importation of Chinese cotton during 1922-23 amounted to 50,239 bales of 500 lbs. This cotton is distinctly of a lower quality than the average American and is used, to some extent, for mixing with the higher-priced domestic cotton. During the same season 21,186 bales of Peruvian cotton, largely "Rough Peruvian," were imported.

## Review of World Agriculture

May 15-June 15, 1924

### PRODUCTION

The wheat acreage reported to date from 19 countries now includes a substantial part of the spring wheat acreage and takes account of abandonment in Poland and the United States. The total indicates a decrease of 3 per cent from last year's harvested acreage and amounts to 125,000,000 acres compared with 129,000,000 acres for the same countries last year and 127,600,000 acres in 1922. The countries covered by this report include ordinarily about 70 per cent of the wheat acreage of the Northern Hemisphere.

The production estimate for India has been revised to 361,700,000 bushels as compared with a final estimate of 369,000,000 bushels last year. The acreage is now stated as 30,919,000 as compared with 30,844,000 in 1923.

In the rye situation, the significant news item is the announcement of a 10 per cent abandonment of acreage in Poland. This, together with a 9½ per cent abandonment reported for Germany, indicates a total acreage this season considerably below that of 1923.

Weather conditions in Europe have been generally favorable to agriculture during the month, and farmers have presumably been able to overcome some of the disadvantage resulting from the late spring.

### WORLD TRADE

Imports of cereals into European markets continue to exceed early estimates of demand. The grain movement from Russia to western Europe still continues, including not only rye and wheat but considerable quantities of corn and barley. Much of the Russian grain has been shipped to Dutch ports in recent months, and has appreciably displaced grain from America and other countries both in the domestic imports and the transshipment trade of the Netherlands.

Imports of wheat into European countries tend to conform closely with the maximum estimates of the United States Department of Agriculture made last October. The total of the maximum estimates of imports for the principal importing countries of Europe was given at that time as 531,000,000 bushels. A recent estimate for practically the same list of countries by Sir James Wilson, the British wheat statistician, is 528,000,000 bushels. For the United Kingdom the maximum estimate was 227,000,000 bushels. Sir James now estimates British imports at 224,000,000 bushels, while Broomhall's estimate is 232,000,000 bushels. Imports into France are running heavier than had been expected, but German imports are lighter by about the same amount.

Imports of American pork products into Europe have continued to decline but prices have strengthened recently on British markets and there are indications of decreased supplies of domestic and Irish bacon. German pork supplies on the other hand seem to be increasing. April slaughterings were the highest reported in any month since the war, and probably in consequence American exports of pork products to Germany were apparently about 50 per cent less than in the previous month.

### ECONOMIC CONDITIONS AFFECTING DEMAND

Little change has been apparent in British economic conditions during the past month. There has been a continued decrease in unemployment, but no more than would be expected at this season. There have been some important declines in prices, but the general price level has been only slightly downward. On the other hand, exports of manufactured goods continue to increase and there has been some increase in imports of raw material.

There has been a very material decrease in reported unemployment in Germany in recent months, and in western Europe generally employment conditions are better than a year ago.

From the point of view of demand for American agricultural products, however, no real improvement can be detected. An industrial recovery in Germany may decrease the demand for American lard, while increasing the consumption of domestic and Danish pork and dairy products. The competition of Canada, Argentina, and Russia is restricting European markets for grain from the United States, as Argentina has already eliminated the United States from European beef markets. European markets for cotton and leaf tobacco are still strong with a more or less constant demand for American pork products in the United Kingdom.

## Meat Imports of the United Kingdom

Imports of meat into the United Kingdom during the first four months of the current year show a considerable decrease over those for the corresponding period of 1923 having amounted to only 1,065,272,000 pounds as compared with 1,229,579,000 pounds the year before. The decrease was chiefly the result of smaller receipts of beef, lamb and mutton, imports of pork having increased considerably. The United Kingdom secures practically all of her imported meat supplies from the United States, Canada, Denmark, Argentina, Uruguay, Australia and New Zealand. The United States, Canada, and Denmark supply the pork, while Australasia and the River Plate supply the beef and the lamb and mutton.

While imports of beef, particularly of frozen beef and of lamb and mutton, were much smaller during the first quarter of 1924 than during the corresponding quarter of 1923 the decrease was no doubt considerably offset by the increase in domestic supplies not only of beef, lamb and mutton, but also of pork. British and Irish supplies of beef on the London Central market during the first four months of the current year, for example, amounted to approximately 38 million pounds as compared with only 30 million pounds last year; domestic supplies of lamb and mutton totaled 20 million pounds against 14 million pounds in 1923 while those of pork amounted to 15 million pounds as compared with 9 million pounds last year.

The largest decrease in the British meat import trade during this quarter took place in frozen beef, imports of which amounted to only 110 million pounds as compared with 187 million pounds last year. Lower imports from the River Plate region accounted for most of the decrease. This region supplied only 89 million pounds this year as against 131 million pounds during the corresponding period last year. Beef prices were low in British markets not only during the first four months of 1924 but during all of 1923 as well. Argentina and Uruguay have recently been shipping very large quantities of frozen beef to Continental markets. The large decrease in lamb and mutton was caused chiefly by decreased supplies from Australia resulting from the long drought that prevailed in that country during 1923. Australia supplied only 28 million pounds during the first quarter of the current year as compared with 113 million pounds last year.

The increase in the British imports of bacon was the result chiefly of the larger supplies from Canada and Denmark, and the fact that bacon from the Irish Free State is now included in the British import statistics. While imports from the United States which amounted to only about 85 million pounds, as against approximately 135 million pounds last year, show a decrease of more than 50 million pounds, the increase in supplies from Denmark and Canada practically offset that decrease. Canada supplied about 135 million pounds as against 21 million pounds last year and Denmark 134 million pounds as compared with 113 million pounds the year before.

The following table gives the imports of meat into the United Kingdom during 1922 and 1923 and during the first four months of 1923 and 1924:

### British Meat Imports

Items	1922	1923	Jan. 1 to Apr. 30	
			1923	1924
Beef:				
Frozen.....	530,664,000	568,580,000	187,128,000	110,283,000
Chilled.....	669,892,000	858,740,000	296,923,000	287,428,000
All other.....	115,902,000	125,015,000	40,765,000	39,602,000
Total.....	1,316,458,000	1,552,335,000	524,816,000	437,313,000
Lamb and mutton...	671,275,000	668,892,000	299,754,000	209,995,000
Pork:				
Bacon.....	664,401,000	872,833,000	278,459,000	280,866,000
Hams.....	160,523,000	195,674,000	64,932,000	63,382,000
Fresh.....	52,108,000	68,671,000	17,481,000	32,863,000
Frozen.....	74,946,000	114,290,000	16,146,000	11,735,000
Salted.....	9,906,000	8,120,000	2,822,000	978,000
Total.....	961,884,000	1,259,588,000	379,840,000	388,824,000
All others except poultry and game	12,417,000	12,826,000	25,169,000	29,140,000
Grand total....	2,962,034,000	3,493,641,000	1,229,579,000	1,065,72,000



**Wheat and Wheat Flour: Exports from the United States During April, 1923 and 1924**

Compiled from official reports of the Bureau of Foreign and Domestic Commerce

Exported to—	Wheat, including flour, in terms of grain		Wheat		Wheat flour	
	July-April, 1923	July-April, 1924	April, 1923	April, 1924	April, 1923	April, 1924
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Barrels</i>	<i>Barrels</i>
United Kingdom.....	33,671,404	19,856,447	618,320	1,444,982	135,567	92,982
Italy.....	30,685,052	7,062,082	2,163,143	898,813	1,403	9,827
Netherlands.....	14,915,513	11,088,463	304,008	24,000	67,222	158,460
France.....	14,042,077	2,337,346	604,927	.....	1,323	560
Germany.....	11,933,990	7,824,436	33,611	81,199	32,161	106,291
Belgium.....	9,793,378	4,003,971	283,172	.....	337	4,127
Norway.....	2,181,132	599,954	.....	.....	9,964	1,237
Turkey in Europe.....	2,041,802	291,502	.....	.....	8,603	.....
Finland.....	2,517,758	2,614,804	.....	.....	82,695	51,360
Greece.....	1,873,813	1,395,438	.....	.....	23,079	16,769
Russia in Europe.....	1,496,110	1,134	.....	.....	300	.....
Gibraltar.....	1,078,516	15,198	.....	.....	1,286	357
Sweden.....	879,414	903,082	16,183	.....	7,179	4,689
Ukraine.....	669,910	.....	.....	.....	14	.....
Denmark.....	809,184	829,910	.....	.....	17,115	7,360
Malta, Gozo, and Cyprus Islands.....	439,061	206,523	20,000	.....	1,976	.....
Estonia.....	347,926	102,380	73,902	.....	4,192	.....
Poland and Danzig.....	435,658	145,936	.....	.....	36,976	405
Other Europe.....	1,167,596	465,074	.....	306,910	43,347	416
Total Europe.....	130,979,294	59,743,690	4,117,266	2,869,061	524,739	454,840
Canada.....	23,750,898	16,840,796	3,086	323,103	6,204	9,583
Cuba.....	4,116,915	4,327,256	3,438	88	82,061	81,728
Mexico.....	2,471,234	3,869,994	234,272	188,557	31,333	51,269
Panama.....	806,459	1,156,591	.....	.....	3,402	4,771
China.....	7,662,921	20,278,883	45,000	281,665	82,994	106,791
Hongkong.....	3,623,737	5,200,947	.....	.....	27,262	57,943
Kwantung.....	1,619,480	4,070,610	.....	33,334	37,024	28,000
Japan.....	5,147,129	10,447,441	210,831	33,333	56,928	4,450
Chosen.....	23,638	55,606	.....	.....	5,035	7,099
Other countries.....	14,444,232	12,976,721	329,269	17,395	310,094	231,922
Total.....	194,645,937	138,968,535	4,943,162	3,746,537	1,167,074	1,037,996
Total imports.....	17,710,361	25,724,449	2,812,094	2,208,538	20,482	3,969
Total reexports.....	182,442	80,014	40,000	.....	553	6
Excess exports.....	177,118,018	113,324,100	2,171,068	1,537,999	1,147,145	1,034,033

**Dairy Products: Foreign Trade of the United States, April—Continued.**

Casein: Imports

COUNTRY FROM WHICH IMPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
United Kingdom.....	1,004,983	120,718	70,472	.....
France.....	935,471	980,300	230,348	67,020
Argentina.....	15,235,539	11,578,176	2,672,116	2,002,187
Australia.....	1,207,400	56,000	181,440	.....
New Zealand.....	1,496,648	663,590	628,032	.....
Other countries.....	614,581	448,671	208,399	7,913
Total imports.....	20,494,622	13,847,455	3,990,807	2,077,120

Cheese: Domestic Exports

COUNTRY TO WHICH EXPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Total Europe.....	3,340,834	113,341	1,073,464	1,087
Cuba.....	1,172,145	877,952	265,328	121,413
Mexico.....	885,036	675,310	69,891	71,135
Canada.....	637,675	245,199	68,157	7,448
Panama.....	283,843	263,067	20,581	29,064
Jamaica.....	252,246	180,954	27,406	20,130
Other Central America.....	237,017	228,461	29,334	26,293
Other countries.....	826,060	664,278	109,510	74,911
Total exports.....	7,634,856	3,248,562	1,663,671	351,481

Cheese and Cheese Substitutes: Imports

COUNTRY FROM WHICH IMPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Italy.....	16,683,315	28,415,965	1,066,250	3,341,633
Switzerland.....	12,736,543	14,034,510	1,251,930	1,458,524
France.....	3,522,791	4,116,604	612,889	782,124
Netherlands.....	1,840,338	2,628,854	110,468	177,039
Greece.....	768,666	1,450,670	102,414	78,877
Norway.....	369,482	416,438	35,944	81,886
United Kingdom.....	131,769	528,851	2,240	60,553
Other Europe.....	406,615	1,498,479	14,908	85,363
Total Europe.....	36,449,519	53,090,371	3,197,043	6,065,499
Canada.....	4,014,072	1,641,927	4,330	110,927
Argentina.....	3,013,088	2,435,756	221,107	150,911
Mexico.....	69,552	206,261	1,327	33,001
Other countries.....	101,773	379,192	8,844	278,063
Total imports.....	43,648,004	57,753,507	3,432,651	6,638,401

Milk (Condensed, Evaporated, and Powdered): Imports

COUNTRY FROM WHICH IMPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
United Kingdom.....	746,120	609,231	.....	33,947
Germany.....	227,359	.....	.....	.....
Netherlands.....	122,667	1,069,617	.....	221,296
Other Europe.....	29,180	16,037	6,384	4,119
Total Europe.....	1,125,326	1,694,885	6,384	259,362
Canada.....	5,360,218	8,801,494	118,656	552,370
New Zealand.....	3,596	333,474	2,447	4,507
Other countries.....	113,481	1,289	.....	.....
Total imports.....	6,602,621	10,831,142	127,487	816,239

Oleomargarine (Animal and Vegetable): Exports

COUNTRY TO WHICH EXPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Animal:				
Canada.....	1,047,334	294,133	161,910	.....
British West Indies.....	377,216	274,761	41,084	28,850
Panama.....	148,052	187,645	3,360	18,790
Other countries.....	273,678	239,328	41,172	25,431
Total animal.....	1,846,280	995,857	247,466	72,601
Vegetable:				
Ukraine.....	1,305,000	.....	.....	.....
Canada.....	226,929	127,775	55,300	.....
Panama.....	39,550	15,122	450	300
Other countries.....	145,345	88,714	2,544	2,448
Total vegetable.....	1,716,824	231,611	58,324	2,548

**Dairy Products: Foreign Trade of the United States, April.**

[Compiled from official records of the Bureau of Foreign and Domestic Commerce]

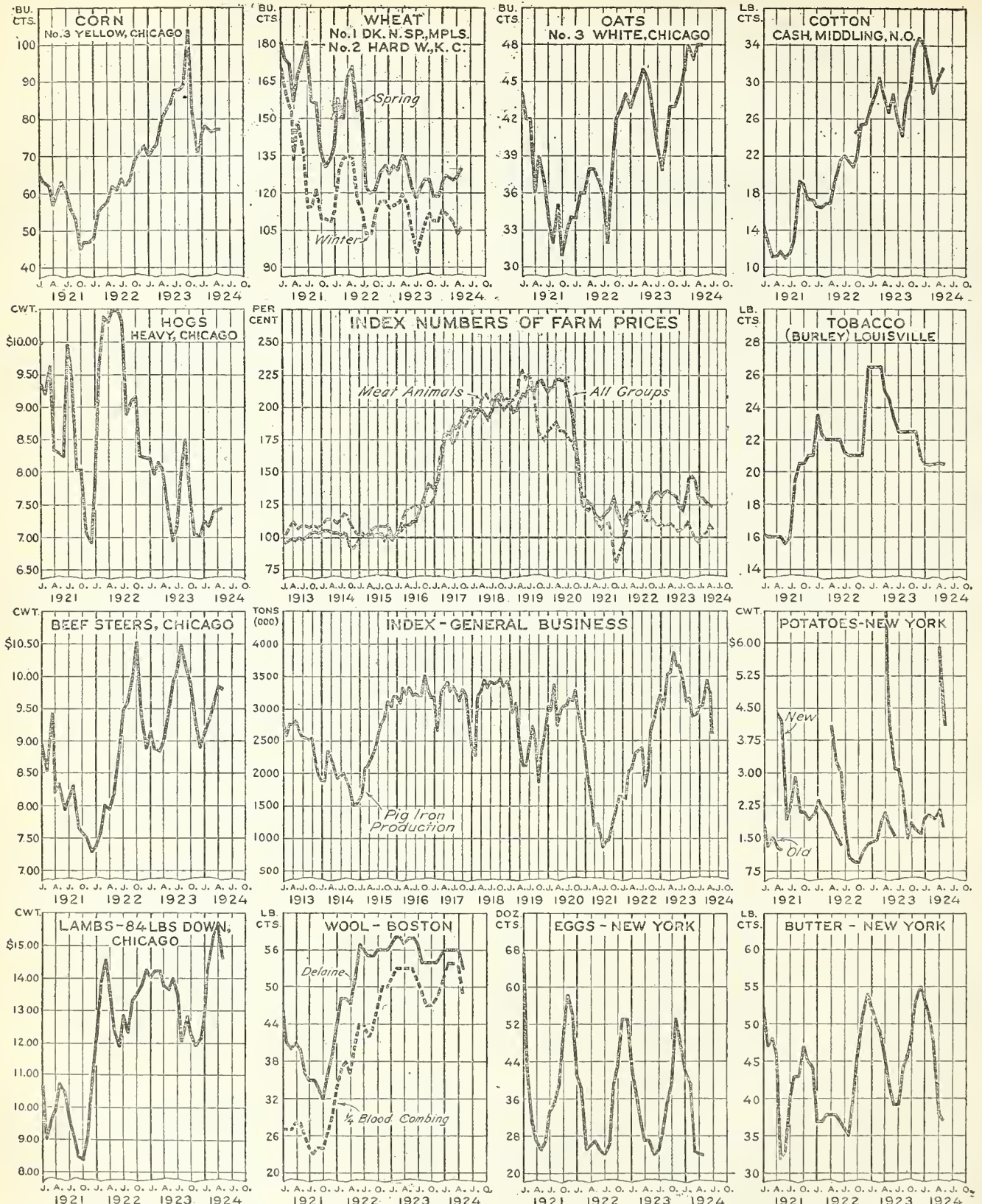
Butter: Exports

COUNTRY TO WHICH EXPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
United Kingdom.....	3,408,128	51	308,000	.....
Germany.....	2,223	64,485	146	127
Other Europe.....	1,239	740	340	.....
Total Europe.....	3,411,595	85,276	308,486	127
Cuba.....	623,329	663,745	68,959	78,463
Haiti.....	558,324	432,114	97,706	42,084
Other West Indies.....	1,253,154	628,024	84,191	95,285
Mexico.....	736,936	673,022	68,904	67,461
Panama.....	550,604	612,784	17,515	77,383
Peru.....	211,136	354,515	41,048	38,236
Other South America.....	308,555	168,261	23,117	19,531
Philippine Islands.....	286,209	199,979	37,738	22,864
Other countries.....	563,081	595,969	59,825	74,195
Total exports.....	8,502,923	4,388,689	810,489	515,629

Butter and Butter Substitutes: Imports

COUNTRY FROM WHICH IMPORTED	10 months, July-April		April	
	July, 1922—April, 1923	July, 1923—April, 1924	1923	1924
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Denmark.....	4,483,852	10,422,801	156,764	813,197
United Kingdom.....	46,012	1,690,210	10,681	112,000
Other Europe.....	34,438	1,402,552	1,183	41,533
Total Europe.....	4,564,302	13,515,563	168,628	966,730
Canada.....	2,570,548	5,869,548	170,723	209,032
Argentina.....	558,283	4,028,041	.....	672,483
New Zealand.....	3,821,562	4,670,166	77,560	742,448
Australia.....	150,036	32,368	280	.....
Other countries.....	17,903	57,212	2,126	3,894
Total imports.....	11,662,634	28,172,898	399,317	2,594,592

Price Movements of Important Agricultural Products



This set of charts is an attempt to show at a glance the price situation of agricultural products. The individual charts forming the border display prices which are considered to be fairly typical of the market price movements of the major agricultural products. The upper chart in the center shows the movement of prices of 32 farm products and of the meat animals group of these, for comparison. The lower center chart shows the production of pig iron, which has long been used as a fairly reliable indicator of the movement of general business conditions.



