# UNITED STATES DEPARTMENT OF AGRICULTURE

# NATIONAL AGRICULTURAL STATISTICS SERVICE

# AGRICULTURAL STATISTICS 2004



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# **Agricultural Statistics, 2004**

Agricultural Statistics, 2004 was prepared under the direction of FORESTINE CHAPMAN, Agricultural Statistics Board, National Agricultural Statistics Service. ROSE M. PETRONE was responsible for coordination and technical editorial work.

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# Introduction

Agricultural Statistics is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1993 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every five years and check data from various sources. Being estimates, they are subject to revision as more data become available from commerical or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

### DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

# WEIGHTS, MEASURES, AND CONVERSION FACTORS (See explanatory text just preceding this table)

# WEIGHTS AND MEASURES

		Approxin				Approxin	
Commodity	Unit <sup>1</sup>	U.S.	Metric	Commodity	Unit <sup>1</sup>	U.S.	Metric
Alfalfa acad	Puohol	Pounds 60	Kilograms			Pounds	Kilograms
Alfalfa seed Apples	Busheldo	48	27.2 21.8	Celery Cherries	Crate 8 Lug (Camp-	60	27.2
Do Do	Loose pack Tray pack	38–42 40–45	17.2–19.1 18.1–20.4		bell) <sup>9</sup> Lug	16	7.3
Do	Cell pack	37–41	16.8–18.6	Do Clover seed	Bushel	20 60	9.1 27.2
Apricots Western	Lug (brent- wood) <sup>2</sup> 4–basket crate <sup>3</sup>	24 26	10.9 11.8	Coffee Corn:	Bag	132.3	60
Artichokes:				Ear, husked Shelled	Busheldo	<sup>10</sup> 70 56	31.8 25.4
Globe	Ctn, by count and loose			Meal	do	50	22.7
lorupolom	pack	20–25 50	9.1–11.3 22.7	Oil Syrup	Gallondo	<sup>7</sup> 7.7 11.72	3.5 5.3
Jerusalem Asparagus	Bushel	30	13.6	Sweet	Wirebound		
Avocados Bananas	Lug <sup>4</sup> Fiber folding	12–15	5.4–6.8	Do	crate Ctn, packed 5	50	22.7
	box 5 Bushel	40	18.1		oz. ears	50	22.7
Barley Beans:	Bushel	48	21.8	Do	WDB crate, 4½-5 oz.		
Lima, dry	do	56	25.4		(from FL &		
Other, dry	sack	60 100	27.2 45.4	Cotton	NJ) Bale, gross	42 11 500	19.1 227
Lima				Do	Bale, net	11 480	218
unshelled Snap	Busheldo	28–32 28–32	12.7–14.5 12.7–14.5	Cottonseed Cottonseed oil	Bushel Gallon	<sup>12</sup> 32 <sup>7</sup> 7.7	14.5 3.5
Beets:				Cowpeas	Bushel	60	27.2
Topped Bunched	Sack ½ crate 2 dz-	25	11.3	Cranberries	Barrel 1/4-bbl. box 13	100 25	45.4 11.3
	bchs	36-40	16.3–18.1	Do Cream, 40-per-			
Berries frozen pack:				cent butterfat Cucumbers	Gallon Bushel	8.38 48	3.80 21.8
Without sugar	50-gal. barrel	380	172	Dewberries	24-qt. crate	36	16.3
3 + 1 pack 2 + 1 pack	do	425 450	193 204	Eggplant Eggs, average	Bushel	33	15.0
Blackberries	12, ½-pint bas- ket	6	2.7	size	Case, 30 dozen	47.0	21.3
Bluegrass seed	Bushel	14–30	6.4–13.6	Escarole Figs, fresh	Bushel Box single	25	11.3
Broccoli	Wirebound crate	20–25	9.1–11.3		layer 14 Bushel	6	2.7
Broomcorn (6				Flaxseed Flour, various	Bushel Bag	56 100	25.4 45.4
bales per ton) Broomcorn seed	Bale Bushel	333 44–50	151 20.0–22.7	Do	Ctn or Crate,		
Brussels sprouts	Ctn, loose pack	25 48	11.3 21.8	Garlic	Bulk Ctn of 12 tubes	30	13.6
Buckwheat Butter	Bushel Block	55,68	25,30.9		or 12 film bag		
Cabbage Do	Open mesh bag Flat crate (13/4	50	22.7		pkgs 12 cloves each	10	4.5
	bu)	50-60	22.7-27.2	Grapefruit: Florida and			
Do Cantaloups	Ctn, place pack Crate 6	53 40	24.0 18.1	Texas	½-box mesh		
Carrots	Film plastic		10.1		bag	40	18.1
	Bags, mesh sacks & car-			Florida Texas	13/5 bu. box 12/5 bu. box	85 80	38.6 36.3
	tons holding			California and	Day 15	<sup>16</sup> 67	30.4
	48 1 lb. film bags	55	24.9	Arizona Grapes:	Box 15		30.4
Without tops	Burlap sack	74-80	33.6-36.3	Eastern Western	12-qt. basket	20 28	9.1 12.7
Castor beans Castor oil	Bushel Gallon	41 78	18.6 3.6	Do	Lug 4–basket		
Cauliflower	W.G.A. crate	50–60	22.7–27.2		crate 17 Bushel	20	9.1
Do	Fiberboard box wrapper			Hempseed Hickory nuts	Busheldo	44 50	20.0 22.7
	leaves re-			Honey	Gallon	11.84	5.4
	moved film- wrapped, 2			Honeydew mel- ons	²∕₃ Ctn	28-32	12.7–14.5
	layers	23–35	10.4–15.9	Hops	Bale, gross	200	90.7

See footnotes on page ix.

# WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approxin wei		Commodity	Unit <sup>1</sup>	Approxin wei	
,		U.S.	Metric	,		U.S.	Metric
		Pounds	Kilograms			Pounds	Kilograms
Horseradish roots	Bushel	35	15.9	Do	Std box, 4/5 bu	45-48	20.4–21.8
Do	Sack	50	22.7	Do	Ctn, Tight-fill pack	36–37	16.3–16.7
Hungarian millet seed	Bushel	48-50	21.8-22.7	Peas:	·		
Kale Kapok seed	Ctn or crate	25 35–40	11.3 15.9–18.1	Green, unshelled	Bushel	28-30	12.7-13.6
Lard	Tierce	375	170	Dry Peppers, green	dodo	60 25–30	27.2 11.3–13.6
Lemons: California and				Do	11/2 bu carton	28	12.7
Arizona	Box 18	76	34.5	Perilla seed Pineapples	Bushel Carton	37–40 40	16.8–18.1 18.1
Do Lentils	Carton Bushel	38 60	17.2 27.2	Plums and			
Lettuce, iceberg	Iceberg, carton packed 24	43–52	19.5–23.6	prunes: _ Do	Ctn & lugs	28 30	12.7 13.6
Lettuce, hot-				Popcorn:		1070	
house Limes (Florida)	24-qt. basket Box	10 88	4.5 39.9	On ear Shelled	Busheldo	56	31.8 25.4
Linseed oil	Gallon	77.7	3.5	Poppy seed Potatoes	do Bushel	46 60	20.9 27.2
Malt Maple syrup	Bushel Gallon	34 11.02	15.4 5.0	Do	Barrel	165	74.8
Meadow fescue seed	Bushel	24	10.9	Do Do	Boxdo	50 100	22.7 45.4
Milk	Gallon	8.6	3.9	Quinces	Bushel	48	21.8
Millet Molasses:	Bushel	48–60	21.8–27.2	Rapeseed Raspberries	do ½-pint baskets	50–60 6	22.7–27.2 2.7
edibleinedible	Gallondo	11.74 11.74	5.3	Redtop seed	Bushel	50-60	22.7–27.2
Mustard seed	Bushel	58-60	5.3 26.3–27.2	Refiners' syrup Rice:	Gallon	11.45	5.2
Oats Olives	do Lug	32 25–30	14.5 11.3–13.6	Rough Do	Bushel Bag	45 100	20.4 45.4
Olive oil	Gallon	<sup>7</sup> 7.6	3.4 22.7	Do	Barrel	162	73.5
Onions, dry Onions, green	Sack	50		Milled Rosin	Pocket or bag Drum, net	100 520	45.4 236
bunched Oranges:	Ctn, 24-dz bchs	10–16	4.5–7.3	Rutabagas	Bushel	56	25.4
Florida	Box	90	40.8	Rye Sesame seed	dodo	56 46	25.4 20.9
Texas California and	Box	85	38.5	Shallots	Crate (4–7 doz.	00.05	0.1.15.0
Arizona Do	Box 15 Carton	75 38	34.0 17.2	Sorgo:	bunches)	20–35	9.1–15.9
Orchardgrass				Seed Syrup	Bushel	50 11.55	22.7 5.2
seed Palm oil	Bushel Gallon	14 77.7	6.4 3.5	Sorghum			
Parsnips	Bushel	50 48	22.7	grain <sup>19</sup> Soybeans	Busheldo	56 60	25.4 27.2
Peaches Do	do 2 layer ctn or		21.8	Soybean oil	Gallon	77.7	3.5
Do	lug 3/4-Bu, Ctn/crate	22 38	10.0 17.2	Spelt Spinach	Busheldo	40 18–20	18.1 8.2–9.1
Peanut oil	Gallon	77.7	3.5	Strawberries Do	24-qt. crate 12-pt. crate	36 9–11	16.3 4.1–5.0
Peanuts, unshelled:				Sudangrass			
Virginia type Runners,	Bushel	17	7.7	seed Sugarcane:	Bushel	40	18.1
South-east-				Syrup			
ern Spanish:	do	21	9.5	(sulfured or un-sulfured)	Gallon	11.45	5.2
South-	al a	0.5	44.0	Sunflower seed	Bushel	24-32	10.9–14.5
eastern South-	do	25	11.3	Sweetpotatoes Do	do Crate	<sup>20</sup> 55 50	24.9 22.7
western Pears:	do	25	11.3	Tangerines: Florida	Box	95	43.1
California	Bushel	48	21.8	Arizona	Box	75	34.0
Otner	ldo	50	22.7	California	l Box	75	34.0

See footnotes on page ix.

# WEIGHTS AND MEASURES—Continued

Commodity L	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Timothy seed	Bushel	Pounds 45	Kilograms 20.4	Turnips:		Pounds	Kilograms
Tobacco: Maryland	Hogshead	775	352	Without tops	Mesh sack	50	22.7
Flue-cured	do	950	431	Bunched	Crate 6	70-80	31.8-36.3
Burley	do	975	442	Turpentine	Gallon	7.23	3.3
Dark air-cured	do	1,150	522	Velvetbeans			
Virginia fire-		,		(hulled)	Bushel	60	27.2
cured	do	1,350	612	Vetch seed	do	60	27.2
Kentucky and				Walnuts	Sacks	50	22.7
Tennessee				Water 60° F	Gallon	8.33	3.8
fire-cured	do	1,500	680	Watermelons	Melons of aver-		
Cigar-leaf	Case	250-365	113–166		age or me-		
Do	Bale	150–175 60	68.0–79.4 27.2		_ dium size	25	11.3
Tomatoes	Crate	32	14.5	Wheat	Bushel	60	27.2
Do	Lug box 2-layer flat	21	9.5	Various com-			
Do Tomatoes, hot-	2-layer liat	21	9.5	modities	Short ton	2,000	907
house	12-gt. basket	20	9.1	Do	Long ton	2,240	1,016
Tung oil		77.8	3.5	Do	Metric ton	2,204.6	1,000

See footnotes on page ix.

# To Convert From Avoirdupois Pounds

То	Multiply by
Kilograms	0.45359237
Metric tone	0.00045359237

# Conversion Factors

- 1 Metric ton=2,204.622 pounds 1 Kilogram=2.2046 pounds 1 Acre=0.4047 hectares 1 Hectare=2.47 acres 1 Square mile=640 acres=259 hectares 1 Gallon=3.7853 liters

# CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples	1 pound dried	7 pounds fresh; beginning 1943, 8 pounds fresh
Do	1 pound chops	5 pounds fresh
Do	1 case canned 21	1.4 bushels fresh
Applesauce	do <sup>21</sup>	1.2 bushels fresh
Apricots	1 pound dried	6 pounds fresh
Barley flour	100 pounds	4.59 bushels barley
Beans, lima	1 pound shelled	2 pounds unshelled
Beans, snap or wax	1 case canned <sup>22</sup> 100 pounds	0.008 ton fresh
Buckwheat flour	100 pounds	3.47 bushels buckwheat
Calves	1 pound live weight	0.611 pound dressed weight (1999 average)
Cattle	do	0.607 pound dressed weight (1999 average)
Cane syrup	1 gallon	5 pounds sugar
Cherries, tart	1 case canned 21	0.023 ton fresh
Chickens	1 pound live weight	0.72 pound ready-to-cook weight
Corn, shelled	1 hushel (56 lbs.)	2 bushels (70 pounds) of husked ear corn
Corn, sweet	1 bushel (56 lbs.) 1 case canned <sup>22</sup>	0.030 ton fresh
Cornmeal:	1 odoc odninod	0.000 1011 110011
Degermed	100 pounds	3.16 bushels corn, beginning 1946
Nondegermed	do	2 bushels corn, beginning 1946
Cotton	1 pound ginned	3.26 pounds seed cotton, including trash <sup>23</sup>
Cottonseed meal	1 pound	2.10 pounds cottonseed
Cottonseed oil	1 pounddo	5.88 pounds cottonseed
	uu	3.00 pounds collonseed
Dairy products:	do	21.1 nounds milk
Butter	do	21.1 pounds milk
Cheese		10 pounds milk
Condensed milk, whole	do	2.3 pounds milk
Dry cream	do	19 pounds milk
Dry milk, whole	do	7.6 pounds milk
Evaporated milk, whole	do	2.14 pounds milk
Malted milk	do	2.6 pounds milk
Nonfat dry milk	do	11 pounds liquid skim milk
Ice cream 24	1 gallon	15 pounds milk
Ice cream <sup>24</sup> (eliminating fat from butter and concentrated milk).	do	12 pounds milk
Eggs	1 case	47 pounds
Eggs, shell	do	41.2 pounds frozen or liquid whole eggs
Do	do	10.3 pounds dried whole eggs
Figs	1 pound dried	3 pounds fresh in California; 4 pounds fres elsewhere
Flaxseed	1 bushel	About 21/2 gallons oil
Grapefruit, Florida	1 case canned juice 22	0.64 box fresh fruit
Hogs	1 pound live weight	0.737 pound dressed weight, excluding late (1999 average)
Linseed meal	1 pound	1.51 pounds flaxseed
Linseed oil	do	2.77 pounds flaxseed
Malt	1 bushel (34 lbs.)	1 bushel barley (48 lbs.)
Maple syrup	1 gallon	8 pounds maple sugar
Almonds, imported	1 pound shelled	3½ pounds unshelled
Almonds, California	do	2.22 pounds unshelled through 1949; 2 pound
/ iiiioiido, Odilioiiila		thereafter
Brazil	do	2 pounds unshelled
Cashews	do	4.55 pounds unshelled
Chestnuts	do	1.19 pounds unshelled
Filberts	do	2.22 pounds unshelled through 1949; 2.5 pound
		thereafter
Pecans:	do	2.79 payrda unaballad
Seedling	do	2.78 pounds unshelled
Improved	do	2.50 pounds unshelled
Pignolias	do	1.3 pounds unshelled
Pistachios	do	2 pounds unshelled
Walnuts:	1 .	
Black	do	5.88 pounds unshelled
Persian (English)	do	2.67 pounds unshelled
Datmeal	100 pounds	7.6 bushels oats, beginning 1943
Oranges, Florida	1 case canned juice 22	0.53 box fresh
Peaches, California, freestone	1 pound dried	51/3 pounds fresh through 1918; 6 pounds fresh for 1919–28; and 61/2 pounds fresh from 192
		to date
Peaches, California, clingstone	do	7½ pounds fresh
Peaches, clingstone	1 case canned 21do	1 bushel fresh
Do	do	0.0230 ton fresh
Peanuts	1 pound shelled	1½ pounds unshelled
Pears	1 pound dried	6½ pounds fresh
	1 case canned 22	1.1 bushels fresh
Pears, Bartlett	do	1.1 busiles ilesii

See footnotes on page ix.

### CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green	1 pound shelled	2½ pounds unshelled
Do	1 case canned 22	0.009 ton fresh (shelled)
Prunes	1 pound dried	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins	1 pound	4.3 pounds fresh grapes
Rice, milled (excluding brewers)	100 pounds	152 pounds rough or unhulled rice
Rye flour	do	2.23 bushels rye, beginning 1947
Sheep and lambs	1 pound live weight	0.504 pound dressed weight (1999 average)
Soybean meal	1 pound	1.27 pounds soybeans
Soybean oil	do	5.49 pounds soybeans
Sugar	1 ton raw	0.9346 ton refined
Tobacco	1 pound farm-sales weight	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes	1 case canned 22	0.018 ton fresh
Turkeys	1 pound live weight	0.80 pound ready-to-cook weight
Wheat flour	100 pounds	2.30 bushels wheat 25
Wool, domestic apparel shorn	1 pound greasy	0.48 pounds scoured
Wool, domestic apparel pulled	do	0.73 pound scoured

<sup>1</sup>Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

- green peas, spinach, etc.

  <sup>2</sup> Approximate inside dimensions, 4½ by 16½ inches.

  <sup>3</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

  <sup>4</sup> Approximate inside dimensions, 4½ by 16½ inches.

  <sup>5</sup> Approximate inside dimensions, 13 by 12 by 32 inches.

  <sup>6</sup> Approximate inside dimensions, 13 by 18 by 21½ inches.

  <sup>7</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

  <sup>8</sup> Approximate inside dimensions, 9¾ by 16 by 20 inches.

  <sup>9</sup> Approximate inside dimensions, 4½ by 11½ by 14 inches.

  <sup>10</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

  <sup>11</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.
- of foreign cotton differ from that of the American square bale.

  12 This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

  13 Approximate inside dimensions, 9¼ by 10½ by 15 inches.

  14 Approximate inside dimensions, 11½ by 11 by 16¼ inches.

  15 Approximate inside dimensions, 11½ by 24 inches.

  16 Beginning with the 1993-94 season, net weights for California Desert Valley and Arizona grapefruit were increased from 64 to 67 pounds, equal to the California other area net weight, making a 67 pound net weight apply to all of California.
- 64 to 67 pounds, equal to the California other area net weight, making a 67 pound net weight apply to all of California.

  17 Approximate inside dimensions, 43<sup>4</sup> by 16 by 16<sup>1</sup>½ inches.

  18 Approximate inside dimensions, 97½ by 13 by 25 inches.6 by 16 by 16½ inches.

  19 Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

  20 This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

  21 Case of 24 No. 2½ cans.

  22 Case of 24 No. 303 cans.
- 29 Varies widely by method of harvesting.
   24 The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of
- in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

  25 This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790–1879, 5 bushels; 1880–1908, 4.75 bushels, 1909–17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921–44, 4.7 bushels; July 1944–Feb. 1946, 4.57 bushels; March 1946–Oct. 1946, average was about 4.31 bushels; and Nov. 1946–June 1957, 4.57 bushels.