

# The Great Outdoors

Livestock, Dairy Products, Berries, Fruit, Grains.  
"The Farmer Feedeth All."

## LACK OF PACKAGE UNIFORMITY MEANS MONEY LOSS FOR BUYER



They Look the Same Size, but They Are Not.

Prepared by the United States Department of Agriculture.

Standard containers for marketing fruits and vegetables are of more interest to the average citizen than he generally realizes. Not only is he defrauded frequently by the substitution of short-measure packages at the full-measure price, which is inevitable if the difference in the size of the packages is not easily detected, but also the cost of marketing is increased by the greater expense of manufacturing a large number of unnecessary styles and sizes and by breakage in transit, sometimes directly attributable to the difficulty of loading odd-sized containers. These losses constitute an unnecessary tax on the fruit and vegetable industry that the bureau of markets, United States Department of Agriculture, is endeavoring to cut down by fostering the use of standard containers.

Old-Time Units Cause Confusion. Local package units that came into use long ago are most largely responsible for present difficulties. Such packages may have been satisfactory when their use was confined to a limited territory, but of late years rapid transportation and the use of special refrigerator and ventilator cars have brought the products of every section of this country into our great marketing centers, where the diversity of styles and sizes of containers have resulted in unnecessary confusion.

There are in common use today about 40 sizes of cabbage crates, 20 styles of celery crates, 30 lettuce crates or boxes, 50 styles and sizes of hampers, 15 styles and sizes of round stave baskets, and market baskets, varying in size from 1 to 24 quarts, whereas relatively few standard sizes would satisfy all the demands of the trade.

The unfair competition of short-measure containers has been another unsatisfactory factor. Certain shrewd packers have found that by slight modifications in the shape of packages the cubical contents can be reduced substantially without noticeably affecting the appearance.

Short-Measure Package. Commodities sold in these containers can be offered at a lower price per package than those sold in standard packages, but the price by unit of weight is, of course, higher. Often this has caused the general adoption of the short-measure package, and there is no end to this procedure, for once the short measure is recognized as the standard a still shorter one is put out by an unscrupulous minority.

The six-quart market basket, the 14-quart peach basket, the seven-eighths-bushel bean hamper, and the five-peck lettuce hamper are easily confused with peck, half-bushel, bushel and 1 1/2-bushel baskets.

Another factor which has caused the addition of many unnecessary packages is the lack of a unit which is accepted as the basis for all package standards. If a manufacturer wishes to introduce a crate into a producing section normally using the barrel instead of using the bushel unit, the tendency is to offer a barrel crate or half-barrel crate. At the present time the crates and boxes are being manufactured in sizes based on the United States standard barrel (105 quarts) with its subdivisions, the United States cranberry barrel (85 45-64 quarts) with its subdivisions, the weight bushel, the heaped bushel, and the volume bushel. These different standards are used because of competing packages.

Series of Crates.

The result may be seen by a glance at the following table:

Three Series of Crates Which Cannot Be Readily Distinguished From Each Other. Crates based on U. S. apple barrel:

1-barrel crate.....	quarts 105
1/2-barrel crate.....	do 52 1/2
1/4-barrel crate.....	do 26 1/4

Crates based on U. S. cranberry barrel:

1-barrel crate.....	quarts 85
1/2-barrel crate.....	do 42 1/2
1/4-barrel crate.....	do 21 1/4

Crates based on standard bushel:

1-bushel crate.....	quarts 32
1/2-bushel crate.....	do 16
1/4-bushel crate.....	do 8

or packing standard containers, it is generally recognized that weight is the only really definite basis of sale, and for that reason the pound or hundredweight should be used where this is practicable. An exception may be noted in regard to products which are carefully graded as to size, in which case the sales may be made satisfactorily by Americal count.

## CONTROL GRAPEVINE LOOPER

Green Worm is Sometimes Destructive to Garden and Arbor Grapes—Kill By Spraying.

The grapevine looper, a green worm about an inch and a half long, sometimes destructive to garden and arbor grapes and to Virginia creeper, has been found by United States Department of Agriculture observers doing some damage to vineyards in the Chautauque belt along Lake Erie. The worm ordinarily feeds from early in June until the middle of July.

It may be killed by spraying. A solution of 1 1/2 pounds of powdered arsenate of lead to 50 gallons of liquid has been found effective. The poison may be used in water or may be combined with bordeaux mixture used to control fungous disease. A spray application directed primarily against the grapevine rootworm and the grape-berry moth, immediately after the blossoms fall, incidentally controls the grapevine looper.

## SMALL FRUITS IN ORCHARDS

Blackberries, Dewberries, Strawberries and Grapes Generally Give Good Returns.

Small fruits should have a place in every orchard. For the home fruit supply, blackberries, dewberries, strawberries, grapes and other small fruits generally give a good account of themselves, when planted on good soil and given the proper attention. A small area of land, set to small fruits, will often bring in more revenue than the rest of the farm, provided, of course, there is a market for the surplus fruits.

## SELECT SEED CORN IN FALL

Autumn is Favored by Many of Best Seed Men of Country—Supply of Seed Assured.

Many of the best seed men of the country have come to the conclusion that fall selection of seed corn is best from every standpoint. One thing is certain, if it is selected in the fall, the farmer is certain of having seed corn.

## COMMUNITY CLUB IS ORGANIZED IN IOWA

Boys and Girls Carry Out Interesting Program of Work.

Club Has Advantage of Encouraging Young People in Local Problems and Probably Will Be Means of Holding Them on Farms.

(Prepared by the United States Department of Agriculture.)

A team of club boys from Cass county, Iowa, won the pig club demonstration at the state fair last fall. Later the United States Department of Agriculture asked this team to demonstrate daily in its exhibit at the National Swine show at Des Moines. Immediately thereafter the members of this demonstration team, with other enthusiastic boys and girls of their home community, organized the "Progressive Club of Washington Township," with their own officers and program of work.

Regular monthly meetings of the club are held. Part of the time is given over to songs and yells and a game hour. The business program includes discussions of subjects related to the farm or home. Reports



Members of Pig Club Exhibiting Their Prize Animals.

from members who are engaged in various club activities, telling their experiences and results, also form a part of the program.

The boys decided to enroll in a pig club this year and the girls to take up sewing club work. A committee has been appointed for each group to secure new members. It is planned to put on a demonstration by each sec-

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Every Fisk Tire, large or small, is a standard Fisk Tire.

Present low prices are on tires which have made the name Fisk famous for quality and mileage.

There is no better tire value in the world than a Fisk Tire at the present price.

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tion of the club at the state fair next autumn.

The local leader of the club is a rural teacher and the work is done under the direction of the county agent, who has already received requests from other communities nearby asking how they could form similar clubs. Such a club has the advantage of interesting the boys and girls of a community in local problems and will probably be the means of encouraging them to remain in farm work.

The 3-year-old daughter of F. Suydam was burned to death in a tent at Lyons last week Monday. Mrs. Suydam had left the child asleep on a bed and a fire in a cook stove. Her work took her out of sight of the tent for a few minutes and when she returned everything was on fire and the baby screaming. Rescue was impossible and the tent and contents were destroyed.

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Corn, 1-2 or 1 Ton Lots, \$42 per Ton

Chick Feed, \$3.75 per 100  
White OAT Chop, half or ton lots, \$35 per ton  
Cocoanut meal, \$1.90 per 80-pound sack  
Mill Run, half or ton lots, \$37 per ton.

Will chop Every Day.

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This is because the full, rich, real tobacco taste lasts so long, you don't need a fresh chew nearly as often.

And a small chew gives more real satisfaction than a big chew of the ordinary kind ever did.

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**CUSTOMER OWNERSHIP IS GOOD-WILL BUILDING.** The suggestions and advice of our 8-per-cent gold note holders are valued by the management. Their influence makes the company a better and more responsive public servant in every way

As long as the Company Grows it will need new capital for extensions and improvements. This being true, our home citizens have the opportunity to become investors in the company and share in the earnings which the investment of their capital makes possible.

Inducing the Public to invest in a defective security could not build and maintain good will. We could not afford to offer anything except a sound investment to the people of this community.

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