Among the Orchards of the Northwest

A Page of Interesting Advice and Information About Fruits, Large and Small

The big problem the orchardist faces these days, and it is a problem for commercial purposes, as part of his work, is the disposal of his crop. Mr. Stephens has a few ideas well worth considering on how to obtain the maximum cash yield from apple orchards. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

BY E. F. STEPHENS.

all the apples you are growing?" In for it. Perhaps his fruit is shipped bemy own case I expect to produce in a fore there is a demand, or too many single season three hundred to four care are shipped to one point, or for hundred car loads of apples from the some other reasons it does not render orchards in my care.

What are the conditions surrounding the future market of the commercial apple? Recently, in Lincoln, Neb., I They then drop out of the race and are found Ben Davis grown in Kansas selling at wholesale for \$6 a barrel. Jonathans at \$6.50 a barrel, and other varieties in barrels at similar prices. Western box apples, wholesale, are selling at \$2.25 to \$2.75 a box. The Yakima Fruit Growers' Union is selling Winesaps f. o. b. Yakima, Wash., at \$2.25 a box. These prices are extraordinary, and arise from the fact that the crop of apples for 1913 in the United States with boxes computed in barrels, was only 25,000,000 barrels as against 45,-000,000 barrels for the crop of 1912.

Production on Increase.

to not far from 30,000,000 barrels annually. Whenever the crop falls below 40,000,000 barrels the commercial grower may be sure of good prices for his apples, if propertly grown, packed and marketed.

On the streets, my friends tell me many months in the year and can be consumers of apples. cooked in many and varied ways. It apple in the markets of the country.

People tell us that by persistent advertising, wide distribution and forc- market. A year like 1912 should deing the fruit into consumption, ofttimes by very low prices, they have been has sufficient capital to construct cold able to increase the consumption of air storage houses either on his own the banana from 10,000 to 75,000 car- land or at his nearest railroad switch. loads annually. Their effort is to make Thus equipped with storage facilities the banana the fruit of the workman under his own control, the orchardist and the child.

Millions of Trees Planted.

The apple orchardist has these conditions to contend with. He must organize a campaign of education, call ing attention to the many and varied uses that can be made of the apple, and must endeavor to inaugurate different systems of distribution. Under previous methods, too many carloads of apples were shipped to the large centers. The smaller towns, able to handle a car or one-half car, were often overlooked and neglected. The retailer ally asks for more profit for his year's work.

To illustrate: In my home town I supply the local merchants with apples at \$1.50 a box, and they immediately dispose of them at \$2.25 a box, a profit of 50 per cent on an article in his hands but a few days. Should these apples go on the stand or be sold by the grocer in small lots, the selling price is likely to be doubled. This phase of distribution will require earnest at-

In the matter of production, we know that millions of apple trees have been planted in Montana, Washington, Oregon and Idaho. These states have the climate, soil and water suited to large production. What then will happen to the millions of trees planted in the states and sold to non-resident investorsf

Incompetent Grower In Fix.

able to place the care of his orchard slugs are discovered on the foliage,"

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ † in the hands of some capable friend or some responsible company that can give the same care to his orchard they would give their own, his orchard will then become a producer of commercial apples. If these orchards of non-residents are not intelligently and skillfully handled, and the fruit not graded and honestly packed, then it will not enter the markets.

A year of large production like 1912 surrounds an incompetent or financially THE commercial apple orchardist is often asked by his friends. "Do often asked by his friends, "Do to store his fruit in his own or some you hope to find room to market other warehouse until the markets ask him a suitable profit, then the weaker and less successful growers become discouraged and neglect their orchards. no longer competitors with the up-todate commercial orchardists.

Ten Per Cent Produce.

Professor Bailey, a very noted and reliable writer on horticultural topics, states that only 10 per cent of the fruit trees sold by nursery men ever become productive and bear fruit for a continuous period. The others fall by the wayside.

The production of apples is less at this time than ten years ago for the reasons above suggested, while the citrus growers and the banana trust have taken up some portion of the apple The average production of the United States for the last ten years has fallen has fallen off, and during the next five years the market is not likely to be overstocked with apples. There seems yet to be room in the expanding markets of the world for extra fancy and fancy grades of fruit, grown and marketed by the intelligent, up-to-date and successful orchardist. It is believed that oranges are as cheap as apples, that the Panama Canal will help to exthat while the consumption of oranges pand the market for apples grown upon is up to the limit of production, the the Pacific Coast. The inhabitants of orange does not take the place of the the islands of the Pacific and the apple. The apple can be eaten for oriental races are gradually becoming

By the use of graders and by packwill be difficult to develop any other ing in the most attractive and up-tofruit which will really supplant the date manner, the orchardist can get his product before the public in sush form as to increase the sale and broaden his cidedly encourage the orchardist who will not contribute to the depressing overstock at any point by throwing unsolicited car loads on markets already

New Cherry Pests Are Being Found

GHERRY trees in this region are infested with two serious insect pests, and my office receives a great many inquiries concer work in distributing apples than the methods of combatting them," said J. grower can hope to make on the entire R. Shinn, county agriculturist of Spo-year's work. cherry aphis and the cherry leaf slug.

"Spraying with a combination of the lime sulphur, and the tobacco spray known as Black Leaf 40,' just as the cherry buds are opening has resulted in preventing 90 to 100 per cent of aphis infection. The mixture is made by using one gallon of commercial lime sulphur to 10 gallons of water, and adding one part of the 'Black Leaf 40' to 800 parts of the dilute lime sulphur.

"The cherry slug is the progency of a small fly which deposits eggs on the lower surface of the leaves. These eggs hatch into slime-covered larvae that do so much damage by eating away the green portion of the leaves, leaving nothing but a network of leaf veins. Two remedies have proven successful in the northwest in combating these slugs. One is the use of a spray containing one If the non-resident investors finds pound of white hellebore to 50 gallons himself able to give up his present line of water and the other contains one part of work and to give personal attention of 'Black Leaf 40' to 800 parts of water. to his five or ten acres; or if he is These sprays are used as soon as the

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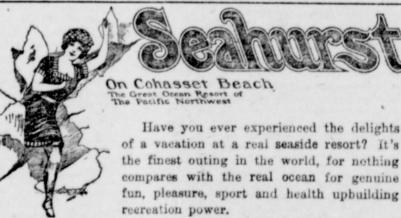
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> Redwood sawdust is being used by vineyardists in California for packing fresh table grapes. It takes the place of the ground cork used for imported Spanish grapes.



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