

BEST METHODS APPLE CULTURE

(Continued from page 1.)

less likely to be blown over by the wind.

In reference to varieties I think we are all thoroughly agreed that Newtons and Spitzenbergs are practically the only two apples a man would be justified in setting to any extent in this valley.

With regard to the distance apart, the two limits seem to be 26 by 26 feet and 30 by 30 feet. Qui's a few are setting 26 by 28, the extra two feet permitting more space through which to haul the spraying outfit and wagons during the picking season and making the chance less of knocking off apples when the trees grow larger.

In reference to picking apples I want to call the attention of the growers, and particularly of the new-comers, to the fact that a great many apples of the next year's crop are lost this year.

I noticed some boys pick a few apples who were raised in the valley and after they had finished a tree I picked up from the ground thirty-four fruit spurs, which would have meant one dollar's worth of apples next year.

The time saved was about five cents, therefore there was ninety-five cents lost by this haste in picking. Do not allow a picker to knock off a fruit spur or a twig.

Another cause of serious loss to the grower, perhaps the most serious loss of any, is the bruising of the apples. I had an extreme case last year where a man had apples that were worth \$2.10 per box so badly bruised that the packers refused to pack until they were all sorted.

These bruised apples brought him less than one-half what he could have got if they had not been bruised. His loss by this bruising in picking and wiping was one dollar per box. No picker or wiper should be allowed to handle apples so that they can be heard to drop in the picking basket or heard to drop in the box when they are being wiped.

I sincerely hope that all of our growers will endeavor to build packing-houses as rapidly as their means will permit. Last year apples after being picked were stored in all kinds of sheds and barns which afforded no protection against the cold water and some apples were lost by being frozen and others had to be packed out before they were ready to be shipped.

An apple should not be packed until it is ready to be shipped, for the reason that this is the only way in which we can feel sure of delivering the buyer a perfect box of apples and by delivering perfect apples the only way that we can maintain our reputation and secure the high prices which we are getting.

Along this line of business I would suggest that it is advisable for all growers willing and sorting their apples to put all apples that run four-tier and larger in boxes by themselves, and all apples that run four-and-a-half and five-tier in boxes by themselves also.

If this method is followed when apples are packed on the table for the packer the grower is saved a great deal of money for the apples not being pawed over, for the reason that this pawing over naturally bruises more or less.

put fruit into. They will not be received this year. Cement nails are certainly the best to use because if you use four of these on the sides of the top and bottom you will have no bursted boxes.

Another point that I want to call your attention to is the stand upon which you can place a box under the tree picking right into the box. Mason can tell you how to make it.

In old orchards where humans be slightly deficient, our best orchardists advise plainly a clover crop of vetch or cover and turning in. There is no doubt this would materially improve conditions.

In conclusion I would say that I hope we can form a Horticultural society or some sort of an organization and have two meetings some time in the winter after the rush of picking and packing is over, so that we can get together and discuss these points, and give each other the benefits of our personal experiences and experiments.

E. H. SHEPARD.

One Secret of Fruit Success. Western Fruit Grower.

If the Fruit-Grower were to give any one condition which is responsible for the success of fruit-growers in the Northwest, more perhaps than anything else, it would be that the growers there do not have any kind of crop which interferes with the horticultural work.

How many times has it happened that our orchardists have failed, simply because their other work prevented their doing the proper work in their orchards at the right time. It may be that just when the trees need spraying, the corn crop needs attention—and as a result the corn crop is cared for and the spraying is delayed until late.

It may be that the hay is ready to cut just when all one's time should be given to the orchard; the hay crop cannot wait, but one can take chances with the orchard—and the result is inevitable. The growers in the Northwest make apple-growing, or peach-growing, or berry-growing, as the case may be, their chief business, and other crops are neglected if there be conflict between them.

Would it not be better for our growers to adopt the same plan? If one grows corn or hay or wheat or any other crop which may interfere with one's giving the orchard proper attention, then see to it that enough help is available to attend to all the crops as they need attention.

And if enough outfits are not available to spray the orchard when the time is right for spraying, cut down the size of the orchard until it is not beyond one's capacity. If one cannot give an orchard the attention it needs, and at the time when it needs it, don't complain at the failure of the crop.

Apples do well in the Northwest, as we found last month, but we do not remember to have seen any orchard where this fruit will produce profitable crops, if the orchards do not receive better attention than the average orchards throughout the Middle West.

Our growers should learn from the Northwest brothers not to have a larger orchard than they can give good care—and at the time when it needs it.

Remove Man's Heart and He Lives. The attention of surgeons has been attracted to an operation performed September 17, at Philadelphia. The story is told by the Philadelphia correspondent for the Baltimore Sun in this way:

"The removal of a man's beating heart from his body and its replacement after a bullet had been extracted from the region adjacent to the pulsating organ is the remarkable achievement of medical science just accomplished by the physicians at the German hospital. The patient is Frank Robinson, 23 years old. He became a subject of surgical attention as the result of an altercation he had with Policeman Morley, of Germantown, on September 7. The policeman's bullet entered Robinson's left breast directly on a line with his heart.

He was hurried to the German hospital, where, after an examination it was concluded his heart had been struck, and it was believed he could not live more than a few hours. When he continued to live for twenty-four hours some of the most eminent physicians were called in consultation to find if it was possible to open up the chest and remove the heart for examination. One distinguished master of surgery volunteered to perform the operation. To carry it out portions of two ribs had to be removed, exposing the heart to full view.

No evidence of a bullet could be seen, so the surgeon carefully removed the delicate organ from the body, and, holding it in his hands, made a minute and thorough examination. As soon as it was taken from the body, it was observed that the heart seemed to beat more vigorously and with greater regularity. Attention was then given to the fleshy environment in the heart region of the chest, which was found to be considerably inflamed. For nearly an hour the search for the seat of the trouble was continued before the bullet was located. The leaden missile was found to be imbedded in the flesh within a small fraction of an inch of the heart, upon which it had caused pressure. There is every probability that the patient will recover."

THE STORK BRINGS JOY To the household but how about the mother? Has she been joyful during the weeks and months preceding the advent? Two many mothers find it a time of fearful anxiety because of the knowledge that they are not in good health.

They have allowed weaknesses, pains and drains to accumulate. The health is completely undermined and they are "more than discouraged," and all because they have been misadvised by well-meaning friends or mis-treated by an inefficient doctor. To all such here to the news that there is a remedy that will heal and not hurt. It was discovered five years ago by Dr. Pierce who searched Nature's laboratory—the earth, for the remedial agents so liberally provided therein. He took Lady's Slipper root, Black Cohosh root, Unicorn root, Blue Cohosh root, Golden Seal root, and by extracting, combining and preserving, without the use of alcohol, the glyceric extracts of these natural remedies he has given to the world Dr. Pierce's FAVORITE PRESCRIPTION, which has to its credit the enviable and unparalleled record of more than a half-million of cures in the last forty years.

NEW TERMINAL YARD WILL COST MILLION

C. J. Gray, traveling agent for the Chicago, and Northwestern railway, who is a frequent visitor to Hood River, which town by the way he regards as one of the finest little cities in the state, says that his company is preparing to expend a million dollars for new yards and terminal facilities in the city of Chicago.

The business of the Northwestern railway has outgrown its present facilities for handling freight in Chicago, and finds it necessary to make this large expenditure to alleviate the tremendous pressure of traffic, which has kept pace with the rapid development of the western states, especially Iowa, Nebraska, South Dakota and the Pacific Coast states.

"The new yards will supplement the yards now in use in handling both incoming and outbound freight. They will accommodate 2,000 cars, with sufficient room to provide for their switching and handling in and out of the yards with delay. Approximately 100 miles of trackage is being put down, and recent orders for thousands of tons of rails have been placed to hasten the completion of the work, which will cover an area of over fifty square miles," says Mr. Gray.

The Northwestern road is recognized as one of the best built and equipped between Chicago and the Missouri river, and in fact is the only road between those points operating a two-track system. The company's entire system now covers over 30,000 miles.

New Barber Shop in Town. N. O. Billings and L. G. Greene have opened a first-class, up to date barber shop in the Prosser block, where they invite their friends to call when needing a haircut, shave, face massage or anything done in the barbering line.

Three level edge plate glass mirrors adorn the walls in front of handsome leather chairs. The shop maintains artists in their line of work, and have a shop neatly fitted with all the latest and modern barber furniture and appliances.

This is the fourth barber shop in the growing city of Hood River and the only one located in a brick building. Everything about the shop is strictly up to date, and all appliances are modern. An improved massage machine is part of the equipment. The chairs are the latest made, and upholstered with leather.

Mr. Billings has recently made proof on his homestead on the East Side. He has concluded after three years' residence in the valley that there is no place in the United States like this, and is here to stay.

Don't Borrow Trouble. It is a bad habit to borrow anything, but the worst thing you can possibly borrow, is trouble. When sick, sore, heavy, weary and worn-out by the pains and poisons of dyspepsia, biliousness, Bright's disease, and similar internal diseases, don't sit down and brood over your symptoms, but fly to relief to Electric Bitters. Here you will find sure and permanent forgetfulness of all your troubles, and your body will not be burdened by a load of debt disease.

At C. N. Clark's drug store. Price 50c. Guaranteed.

Does He Know Where He is At? Lexington Wheatfield. The author of the following must have dipped into the wrong bottle while writing: "Although yesterday today was tomorrow, and tomorrow today will be yesterday, nevertheless yesterday tomorrow will be today after tomorrow, because today would be tomorrow yesterday, and tomorrow will be today tomorrow or would have been the day after tomorrow yesterday."

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