

COLD STORAGE PLANT
IS BUSY PLACE NOW

The Davidson cold storage plant is engaged in making ice to fill the two large refrigerators in its building in order to have a supply on hand for the coming season. The capacity of the plant is 72 cubic feet and already quite a large quantity of ice has been made.

Stored in the lower story of the plant are a few potatoes. Probably enough to make a breakfast for a good family. To be more explicit, there are 5,000 sacks of the tubers awaiting a market at the cold storage plant.

Strawberry time is not such a great way off although the weather we have been having is more suggestive of it. But the strawberry men must be supplied with crates and burlaps for the berries and a number of men and girls are now engaged in the warehouse of the building in making crates and boxes and packing them for future use. The rapidity with which these boxes are made and packed is quite astonishing. In packing the boxes into the crates one woman has a record of having packed something over 800 in a day of ten hours. It hardly seems possible that human hands and body can move rapidly enough to accomplish this task in a day, but we have the lady's word for it and we never doubt the word of a lady. The crates are being stored in the large warehouse of the Davidson company and a good many have been manufactured for the coming season already. The cold storage plant is a valuable adjunct to Hood River's resources and means much to it in a business way now and more in the future.

Strawberry Fertilizers.
Whether the strawberry plants are started in the fall or in the spring, the latter season should be the time for the chief fertilizing application for the crop. It is equally true that the plant and the fruit should be given separate consideration in the matter of fertilizing, irrespective of the time of application. Failure to recognize this fact in practice is one of the most frequent causes for lack of success with this crop.

The first object of the strawberry grower is to get the plant well started. The first product must be plants—foliage. The second object is to make these plants bear fruit. Fertilizer makes great demand on nitrogen. Fruit requires liberal supplies of potash. The rational fertilizing of strawberry plantations is essentially the practical application and proper relation of these two facts. It should not be inferred that either of these two essential plant foods alone will produce satisfactory results on the portion of the crop in which it is especially adapted. Each is indispensable to the healthy growth of each part of the plant, but each possesses special relations to the development of a single part of the strawberry plant, and the proportion of the two materials should be adjusted to meet the requirements of each of these parts at the time when the development of this part of the plant is the chief work of the plant.

The first season of growth before fruit production begins renders the division and proportioning of the fertilizer applications, so as to meet these separate requirements, entirely unnecessary. This division of the total application of fertilizer has a further advantage. Nitrogen is not only the necessary ingredient of all fertilizers, but it is also the one most subject to loss in drainage waters. In sections where the ground is not thoroughly frozen during the winter, but is subjected to heavy washing rains during the season, all nitrogen in excess of the immediate requirements of the plant is exposed to the danger of being washed away before the excess can be used by the crop. Excessive early applications of nitrogen, moreover, are not only wasteful, but a further disadvantage, as they tend to increase the danger of rotting from freezing. Liberal amounts of potash, on the other hand, increase the hardness of the plants, and diminish the danger. Another property of these two plant foods of great importance, as related to the character of the fruit produced, is that excessive nitrogen tends to produce soft berries. Liberal potash, on the other hand, increases the shipping quality of the fruit. With these considerations in mind, the proper and economical fertilizing of the strawberry crop is comparatively simple.

At least two general applications of fertilizer should be made. In the case of fall planting, the total amount of fertilizer should be divided into three applications. The first application of fertilizer to be made should be made in the fall, and the second and third applications should be made in the spring. The first application should be made in the fall, and the second and third applications should be made in the spring. The first application should be made in the fall, and the second and third applications should be made in the spring.

The proportions of the essential ingredients in the fertilizer should be adjusted to meet the requirements of the plant. A percentage of 6-8-10 would be a good average requirement. A small application would supply these requirements in the following mixture: 500 lbs. of nitrate of soda, 200 lbs. of high grade sulphate of potash, and 100 lbs. of superphosphate of lime. This material should be mixed and distributed along the rows of plants, and cultivated in.

The fertilizer will meet the general requirements of the crop; there must, however, be particular conditions and cases which they fail to meet. These demand special attention and treatment. To the strawberry grower, the advancing crop will usually indicate its own special requirements. Insufficiency and excess of nitrogen indicate deficiency or in nitrogen. Excess of foliage indicates too large a proportion of nitrogen, which may be counteracted by supplying more potash. Scouring, softness and lack of color in the fruit may be corrected by the same means. It should also be remembered that any excess of potash is not subject to loss, as in the case of nitrogen, and remains absorbed in the soil used by the crop.

The strawberry is one of the crops to which stable manure should never be applied, since the seeds thus introduced seriously increase the cost of cultivation. All the advantages of

READ AND YOU WILL LEARN

The leading medical writers and teachers of all the several schools of practice endorse and recommend, in the strongest terms possible, each and every ingredient entering into the composition of Dr. Pierce's Golden Medical Discovery for the cure of weak stomach, dyspepsia, catarrh of stomach, liver complaint, torpid liver, or biliousness, chronic bowel affections, and all catarrhal diseases of whatever region, name or nature. It is also a specific remedy for all such chronic or long standing cases of catarrhal affections and their resultant, as bronchitis, throat and lung diseases (except consumption) accompanied with severe coughs. It is not so good for acute colds and coughs, but for lingering, or chronic cases it is especially efficacious in producing perfect cures. It contains Black Cherry bark, Golden Seal root, Bloodroot, Stone root, Mandrake root and Queen's root—all of which are highly praised as remedies for all the above mentioned affections by such eminent medical writers and teachers as Prof. Bartholow of Jefferson Medical College; Prof. Hare of the Univ. of Pa.; Prof. Finley Ellingwood, M. D., of Bennington Med. College, Chicago; Prof. John King, M. D., late of Cincinnati; Prof. John M. Scudder, M. D., late of Cincinnati; Prof. Edwin M. Hale, M. D., of Hahnemann Med. College, Chicago, and scores of others equally eminent in their several schools of practice.

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The "Discovery" is a concentrated glyceric extract of native medicinal roots and is safe and reliable. A booklet of extracts from eminent medical authorities, endorsing its ingredients mailed free on request. Address Dr. R. V. Pierce, Buffalo, N. Y.

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How to Destroy Woolly Aphis.

At about this season of year a great many inquiries are made concerning the best way to fight woolly aphis on roots of apple trees. This insect is well known—or at least, its work is well known—to most fruit growers. Prof. Stedman of the Missouri Experiment Station has had considerable experience with this insect, and has conducted some extensive experiments and he recommends tobacco dust as the best remedy for the average grower to use. Remove from two to four inches of the surface soil for a distance of three to four feet from the trunk of the tree. Scatter five or six pounds of tobacco dust on the soil thus exposed, and then replace the soil which was removed. The rains will wash the tobacco down to the roots and hold the insect in check. One-half this quantity of tobacco applied every spring will hold the insect in check, and the tobacco will have considerable value as a fertilizer.

Have Delivered the Goods.

The following extract taken from an exchange is one of the most convincing arguments for Hood River methods that we have seen. But apart from that we must take issue with its writer who says that there is no difference between the Grande Ronde Valley apple production and our own for we have delivered the goods. The writer says: "Fruit land without a tree planted at Hood River sells for \$300 per acre. This would be considered a fair price for a bearing orchard in many localities in Grande Ronde. No one here familiar with the two sections would admit that Hood River has any percentage over this valley as an apple producing section. What is it that makes the difference in value between the two places? There is no doubt that the principal thing is the wide publicity which the people of Hood River have created for their section of country and its products. If there is any reason to be gained from the situation, it is the one of making the valley known to the outside world. The praises of Hood River are sung in all quarters, while this section of country is but little known a few miles away. If smaller localities can exploit their resources until they become a household word all over the country, the same thing can be done here. Have our people the confidence, the inclination and the courage to do it?"

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To the Voters of Baldwin Precinct.

The registration books for Baldwin precinct are now open. I will be prepared to register you at any time at Gribble's store. O. Fredenburg, Notary Public.

U. S. Commissioner Notary Public

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