

Get into Shape Now For the Dairy Season

There is no better time than the present when work has "cooled off" a little to get things prepared and be ready for the next season. It is the man who is prepared—and well prepared—who finds the machinery of his business move smoothly and the dollars roll in. There never was a time in the history of the dairy industry when prices were so high or prospects so rosy as now; but the "plums" fall to the man with the best timing. Hundreds of dairymen are losing good money every day trying to get along without a separator, or working away with a poor one. When you buy a

The favorite everywhere it goes. Note its beauty and heavy compact construction, with low-down, handy supply can only 37½ ft. from the floor.

equipment. Hundreds of dairymen are losing good money every day trying to get along without a separator, or working away with a poor one. When you buy a

Simplex Cream Separator

you get a machine that has stood the test of time; that is noted for its labor saving devices; that adapts to a sticky and messy job; that saves its owner work, worry and money every day of the year. The SIMPLEX is beautiful in construction, with an extra heavy base and heavy rigid frame. The 11 00 size, with at speed and skimming milk takes no more power than the ordinary 6 00 lb. separator of other makes. You have here a direct saving in time, labor and money.

Of the many other interesting features of the SIMPLEX we will be glad to tell you if you write us. Drop us a line or B. L. K. MECHANICAL MILKER. You will get some interesting and useful information, and be under no obligation whatsoever.

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Dust Spraying Has Come to Stay

Opinions Expressed at the Ontario Fruit Growers' Convention

THE day will come, and that at no far distant date, when every fruit grower will use the dust method of spraying his orchard," such was the opinion expressed by Prof. W. H. Whetzel, of Cornell University, Ithaca, N.Y., before a well-attended convention of the Ontario Fruit Growers' Association, held in Toronto, February 8th and 9th. Prof. Whetzel based his opinion on the results obtained by his department for the past five years in testing out powdered sulphur and arsenate of lead for the control of fruit insects and fungi, instead of using the liquid lime-sulphur and poison sprays. Practically equal results were obtained by these two methods of spraying, and this in spite of the fact that dusting is yet in its infancy. The causes of the present failure now are four: relative inexperience in applying the dust; coarseness of granules of the dust; not applied timely; dusting machinery is not yet perfected. We are now with dusting where we were with lime-sulphur in 1909. With the improvements which are bound to come in dusting we will be able to spray as cheaply thus as with liquids, and do it much more timely. By this means a ten-acre field may be sprayed before breakfast or after supper. No time is used up in filling the tank. The outfit is necessarily lighter in draft, and will not bog in wet soils. The great advantage of dusting is the fineness with which sprays may be applied.

Plant Orchards Now.

The present is the time for the man who is properly situated to plant an orchard. This is the message which Prof. J. W. Crow, O.A.C., Guelph, had for the convention. Prof. Crow pointed out that apple orcharding goes through cycles of profit and failure, as do many other businesses. There are certain boom periods, followed by periods in which the low price of fruit results in neglected orchards. Just now we are in for a period of planting. The general public will wake up and begin planting in about five years from now. It is the wide-awake man who is prepared will get busy this year. Prof. Crow states that the day of the small farm orchard is past. If the orchard is to get proper care it must be large enough to pay the owner to reserve time for it in his plans. In this connection, Prof. Macoun, Dominion Horticulturist, believes that there is a place for the small orchard in connection with the vegetable garden of the truck farm near cities. Otherwise "large orchards" is the watchword.

Varieties of apples came in for considerable discussion. Several prominent fruit growers gave their choice of varieties for their districts. Mr. H. T. Foster, Burlington, says that for commercial packing it is a mistake to handle too many varieties. Duchess is the best early apple and quite profitable, owing to the wide range of marketing possibilities. EITHER basket, boxes or barrels may be used with the Duchess. Other varieties recommended by him were: Ribston, Blenheim, King, Northern Spy, Baldwin, Greening, McIntosh Red, Snow, Wealthy and Wagener. Mr. J. G. Mitchell, Thornbury, recommended Duchess, Wolf River, Gravenstein, St. Lawrence, Alexander, Ribston, Roy and McIntosh Red. Mr. F. B. Lovick of Newcastle, who is probably one of Canada's largest apple growers, with 10,000 trees in his orchard, believes that seven or eight varieties are enough for a commercial orchard. Duchess apples are use-

ful to keep men picking during September. Other varieties which do well in the Newcastle district are Blenheim, Wealthy, McIntosh, Snow, Baldwin—and most important of all—Alexander. Mr. Chas. McPhoe, of Appleton, Wagoner, Northern Spy, Baldwin, Wagener, Duchess, Wealthy, Alexander, King and Jonathan. These recommendations of varieties brought on a considerable discussion, during which it was pointed out that Ontario fruit growers should cater more to the demand for fancy dessert apples. The demand for this class of fruit is now being filled by the growers of B.C. and the Western States.

Fall Plowing.

Fall plowing of orchards was recommended by Mr. W. F. Kydd, who is at present in charge of the Ontario government demonstration orchards. This, in orchards where close cultivation is practiced, saves labor in next spring and conserves moisture for the next season's growth. If the ground is at all level it is better to plow towards the trees. It is not necessary to plow within three feet of the tree. This eliminates the most expensive part of the plowing, and still gives practically clean cultivation conditions.

The season of 1916 was an exceptionally trying one for fruit growers. Apple seeds was very scarce, and converted much good fruit into an unmarketable rubbish. Prof. Caesar gave the results of experiments in both liquid and dust spraying in Ontario. Even in the case of a bad season, where proper care was given to spraying, almost perfect crops of clean fruit were reaped.

The committee on resolutions submitted the following, which were passed by the convention:

Resolved that, whereas the best interests of the fruit-growing industry and of the people of Canada are being endangered by the railways which has been placed by the railways upon the transportation of spraying material, spraying equipment, fertilizers and seeds, and whereas the Dominion and Provincial Governments are urging, in the interests of the Empire, the importance of increased national production, we believe that it is necessary that the embargo shall be removed speedily, and we would request that a copy of this resolution shall be forwarded to the Minister of Agriculture for this Dominion and the Chairman of the Dominion Council of Railway Commissioners and the railway companies, with the request that action be taken in reference to it immediately.

Resolved that, in view of the excellent success of the efforts of our transportation expert in a provincial sphere, the Minister of Agriculture at Ottawa be petitioned to appoint an official in connection with the Department of the Dominion Fruit Commissioner to work in the interests of fruit growers throughout the entire Dominion. The work so far accomplished by this Association has demonstrated that such an official would be able to render valuable assistance to the efforts of our Provincial Association.

The election of officers resulted as follows: President, F. A. J. Sheppard, St. Catharines; vice-pres., R. W. Gieson, Oshawa; Sec.-Treas., P. W. Hodgson, Toronto; Directors: R. B. Whyte, Ottawa; B. Casselman, Toronto; Howard Leaven, Toronto; W. F. W. Fisher, Burlington; J. R. Hastings, Winona; Chas. Howard, Hamilton; Thos. Rowley, Leamington; A. Stephenson, Longwood; J. C. Harris, Ingersoll, and W. Mitchell, Clarksonburg.