

UNITED FRUIT COMPANIES' NEW POWER DUSTER

By F. E. Peck.

Any one living in the town of Berwick during the afternoon of February 8th, might have thought that the D. A. R. had shunted one of its big engines into the Fruit Companies' packing house, for the great white clouds which poured out of the packing house and rolled twenty or thirty feet into the air, more resembled the white clouds of steam that pur forth from a locomotive under high pressure on a frosty day than anything else that one could imagine. The fact was, however, that the United Fruit Companies of Nova Scotia were giving a demonstration of their new power duster. Some forty or more persons gathered for the purpose of inspecting the new machine and comparing its good and poor points with other machines on the market. The demonstration at Berwick was one that should send a thrill of pride coursing through the veins of every loyal fruit grower of Nova Scotia. There was no "Made in Germany", "Made in U. S. A." or made any other where, signs except Nova Scotia. The power duster as every one now knows is being manufactured by the United Fruit Companies at Kentville. The power for running the duster was furnished by the Stationary Engine Co. of Bridgewater, N. S. The duster was first run by their four horse power engine; later this was replaced by their two horse power engine, and with either one the duster worked satisfactorily. It is evident that a good engine with a rating of two, three, or four horse power, will give good satisfaction. Lime oil was used in this demonstration. The dusts that will be used in orchard work will be prepared ready mixed by The Fruit Companies at Kentville, according to the "Dusting Calendar" for 1921 as prepared by Mr. Saunders, and appearing in "THE UNITED FARMERS' GUIDE" for February 2nd. Here it should be said that the Copper Arsenic dust stands to the credit of Mr. Saunders alone; the process in its manufacture being invented by him, and marks one of the most important mile stones in the control of insect and fungus pests.

As one mingled among the crowd gathering the different views, there was little heard in the way of criticism except in some minor points of detail, practically all of which are already in the minds of the company, and will not appear in the machines that will be put on the market. The many good points commented upon so far outnumbered anything in the way of criticism that we need concern ourselves only with its many points of merit. To the writer, these appeared as: simplicity of design; strongly built; light weight; complete and easy control; great power and high pressure; and efficiency.

The present U. F. C. Dusting Machine would be very disappointing to one expecting to see a complicated machine of intricate work design, with automatic attachments. Such a machine in the hands of an expert is quite wonderful and many attachments and complications make talking points of interest. It will always be found however, that the machine most efficient, most durable, and most useful to the greatest number of persons, will be the simply constructed machine with fewest parts to get out of order. Such a machine is the new duster as now manufactured by the United Fruit Companies. Everything is easy to get at. Should anything go wrong with any of the parts, it can be seen at a glance, and quickly repaired or part replaced. The machine has a simple agitator which insures a steady even feed; there are no brushes to gum up, or be readjusted or replaced.

The machine is built strongly on a firm stoutly constructed base, which holds it solidly in place and prevents the vibrations from shaking itself to pieces, which would be the case under poor or weak construction. The machine though strongly built, is at the same time of comparatively light weight, about 350 pounds. This is an important factor in going through the orchard when the ground is soft.

The control of the duster is one of the simplest, and at the same time most admirable feature of the machine. By simply raising or lowering a lever a notch at a time, the amount of dust delivered can be regulated from absolute zero, to the maximum amount per acre as required. This is but another feature of the machine; simple in construction, but perfect in action.

Perhaps the strongest feature of the machine is the improved fan. The addition of side plates, a distinctive feature, puts the U. F. C. Duster in a class by itself.

The amount of air pressure developed by this machine exceeds that of any other duster on the market today, in fact, it is more than double the amount. This has been brought about through the perfected fan as devised by the United Fruit Companies. This fan has bearings so built that it can be run as high as 10,000 revolutions per minute. It is guaranteed for 7,000 and 4,000 are needed for doing satisfactory work.

Efficiency may be said to be the motto of the Fruit Companies, and this simply means getting the greatest results in the shortest time, and with the least expenditure of money and energy. Compared by this standard we must all admit that The United Fruit Companies have perfected a machine superior to any in the market today. In the matter of costs, the Companies are selling this duster at from twenty to fifty dollars below other machines of the same class.

duster develops more power and much greater air pressure, thus giving a more uniform distribution of dust, over a greater area, and much more penetrating, so that the inner parts of the trees, the under sides of the leaves, and even the crevices in the bark will be coated with a film of dust. Owing to increased capacity and high pressure this new duster is capable of doing a greater amount of better work, in a given time than anything that has yet been put on the market.

It should be stimulating to the pride of Nova Scotia fruit growers to know that they are setting the pace, in the matter of fungus and insect control, both in material and in the machinery used for its application.

MOVIES IN VILLAGE LIFE

The picture play carries a message of hope and cheer into the lives of masses of men and women, particularly when they are consigned to the small towns to which other dramatic entertainment never comes.

To the people of many a little town the film is at once their art, drama, literature, recreation and education—their only point of contact with the cultural world. It would be hard to think of any invention of modern times in our great assortment of improvements which has in its power to lay so much at the door of humanity.

On a strip of celluloid ribbon, no wider than a redding comb and wound on spools which are unwound and rewound night after night until they fall to pieces and then are replaced by similar prints from the master negative, so long as it endures a story goes over the world bringing the entertainment imprisoned underneath its surface to millions of people.

The Nationalists have moved up a little higher in the final returns in South Africa, but at the worst Premier Smuts will have a clear majority of 26 over all. On the essential issue of the preservation of the Union Constitution he will have the support of the Labor members which will give him a majority of 40. Ample enough for all purposes.

The best recognition the Mother Country could give of the status of Canada as a great and independent unit of the Empire would be to appoint a Canadian our next Governor-General. The choice of a Canadian is desirable for many reasons the most important of all being that a Canadian would be the best possible interpreter of our views.

No matter what a girl's political belief may be, she always wants protection.

Canard Notes

An adjourned meeting of the Canard Electric Light and Power Co., Ltd., was held in the Hall, Lower Canard, Feb. 8, C. C. Eaton presiding, the secretary being Ernest L. Eaton. The capitalization of the Company was increased to \$30,000. It was also decided to run the line direct from Port Williams to Canard Corner Via Grand Dyke. An incorporating committee consisting of C. C. H. Eaton, Ernest Eaton, Lender Eaton, A. J. Newcombe and Oscar Chase was appointed. Estimates of the cost of the line were given by Mr. Townsend, of Halifax. The committee appointed to canvass the vicinity for subscribers reported good progress, though the required amount has not yet been fully taken up.

THE LESSON TAUGHT

Now the world knows that there is neither anxiety in Great Britain of America over the peaceful adjustment or pending questions. Now the world knows that the despatch which caused a mild sensation on two continents was an exaggerated account of a not at all sensational conference. The interest which the incident aroused is perhaps not altogether without value. It has brought to the attention of serious-minded people the necessity of sane thinking and sane talking about great national questions, and it emphasized that which it is well to have emphasized every now and again—the very grave responsibilities and obligations of Britain and America in their relation to the peace of the world. On their friendship, their co-operation, depends the erection of the structure which five terrible years has taught must be built if the world is to have peace, liberty and happiness as a price of its suffering and sacrifice. Unless Britain and America are in accord there is no hope of emancipation from the militarism which drenched the world with blood. Co-operation between Britain and America can be effective only if the people of the two nations do their part to encourage, promote, maintain and sustain the kindest and most cordial of international relations.

Mr. Newlove—This luttee tastes beastly—did you wash it?

Mrs. Newlove—Of course, I did, darling, and I used perfumed soap, too!

The lady—"I will let no man conquer my heart, but I wouldn't mind letting two or three have a mandate over it."

JUVENILE CRIMINALS

According to statistics crime among young boys has increased in Canada during the last 20 years 300 per cent., which reveals a rather appalling condition of lawlessness among the youth of the country. During the three years from 1917-1919, more than 20 per cent. of the indictable crimes were committed by children under 16 years of age. In 1919 there were 3876 children under 16 years of age convicted of indictable crimes, of whom 3728 were boys. There were 631 boys convicted for burglary, house and shop breaking.

This raises the vital question as to the responsibility for this condition of affairs. The primary obligation rests upon the home, but in a secondary sense the church and the state have a great responsibility in making the conditions of society such as will conduce to the formation of habits of good citizenship.

BUSINESS MEN AND FARMERS

The average business man of the city has a firm grip upon his business. He fixes his own selling price; he determines his margin of profit. He is headed for a definite goal and he knows how to get there. He expects occasional reverses to come his way, but if he is a cautious business man he prepares for them in advance.

The farmer has no such hold upon his business. It is eternally at the mercy of the whims of the elements and the uncertainties of the markets. He may be headed for a definite goal but it will be nothing short of a miracle if he ever gets there. His business is a series of reverses. No matter how shrewd or far seeing he may be he cannot prepare against them, for they are ordered by influences over which he has no control.

LOSS THROUGH LEAKY WATER TAPS

Most people, it is said, throw away a fortune in the course of a lifetime through waste in small things, and certainly the "cheese parings and candle ends" do count for more than is usually realized.

Take water for instance. A New York crusade against dripping taps produced some astounding figures. In two years alone a saving of forty thousand million gallons was effected by a tax of \$2.00 for any defective tap. Since such a leakage will waste 1500 gallons per day, this will be readily understood.

Be it ever so homely, there's no face like your own.

CRIME, UNREST AND THE CAUSE.

(From the Brockville Recorder.)

Much of the present wave of crime which has been sweeping over Canada and the United States has been attributed to the spirit of unrest prevalent since the conclusion of the war. An eminent criminologist has expressed the opinion that when the spirit of unrest is overcome the wave of crime will come to an end.

In regard to this the Fargo, South Dakota, Forum, in reply to the question, "What's the matter with America?" puts forth some reasons for the prevailing unrest which might apply to Canada, and which are worthy of being passed along. Here are some of them: "Too many diamonds and not enough alarm clocks."

"Too much décolleté and not enough work-aprons."

"Too many limousines and not enough cows."

"Too much envy of the results of hard work and too little desire to emulate it."

"Too much discontent that vents itself in mere complaining, and no real buckling down to find the causes of bad conditions and the remedy for them."

There are other reasons, but these are the main points of advice handed out to the readers of the Fargo Forum. "They are all true and straight to the point, and are worthy of earnest thought and consideration."

"How is it Arthur never takes you to the theatre nowadays?" queried Marie. "Well, you see," her friend replied, "one evening it rained and we sat in the parlour."

"Yes?" "Well, ever since that we—oh, I don't know; but don't you think that theatres are an awful bore?"

Bore—Yes, I don't know it how is but I feel thoroughly wound up to-night. Hostess—How very strange! And yet you don't seem to go.

SHOULD BE THANKFUL

"Taken all in all," says a circular issued by a New York Banking house, "the financial and commercial condition of Canada compares favorably with the most prosperous countries in the world."

This is a statement which should be pondered by the blue-ruin wailers among us, who keep shouting that we're going to the dogs. Canada is prosperous. Here are a few facts which show it:

There is less unemployment in Canada today than in any other part of the world. We have less industrial unrest than most countries in the world.

The margin of income over outgo is as great in Canada as in any country in the world.

Canadians per capita of population have more money in the savings banks than any other people in the world.

These facts, official and easily ascertainable, are impressive. Placed against the unrest, turmoil, poverty and chaos which oppress most other countries, they should give rise to thankfulness instead of complaints, to optimism instead of grouching pessimism.

GOOD LINKS

From the San Francisco Argonaut.) The man in the rainbow stockings was trying to play golf. The difficulty was, of course, to hit the ball. It was so much easier to hit the ground. The turf flew in all directions. Swish! Swish! Ploft! More excavations. Something was wrong somewhere. It couldn't be his stockings. It must be the links. He turned helplessly to his opponent.

"What do you think of these links?" he exclaimed.

"What do I think of them?" gasped his opponent, wiping a bit of soil from his lips. "Pouf. Best I ever tasted."

Send in the local news. Boost the town you live in.

"Will I make an extra profit, or will I stick to quality???"
—Whenever the grocer buys tea this is the question that comes to his mind.
If he is after the biggest profit he will never buy Red Rose Tea for it gives him less profit than other teas which he sells at the same price. But he buys Red Rose. —It has the quality.

REGAL
 The Big Value in
FLOUR
 for Bread, Cakes & Pastry
 The St. Lawrence Flour Mills Co.
 Montreal, P.Q. Halifax, N.S.

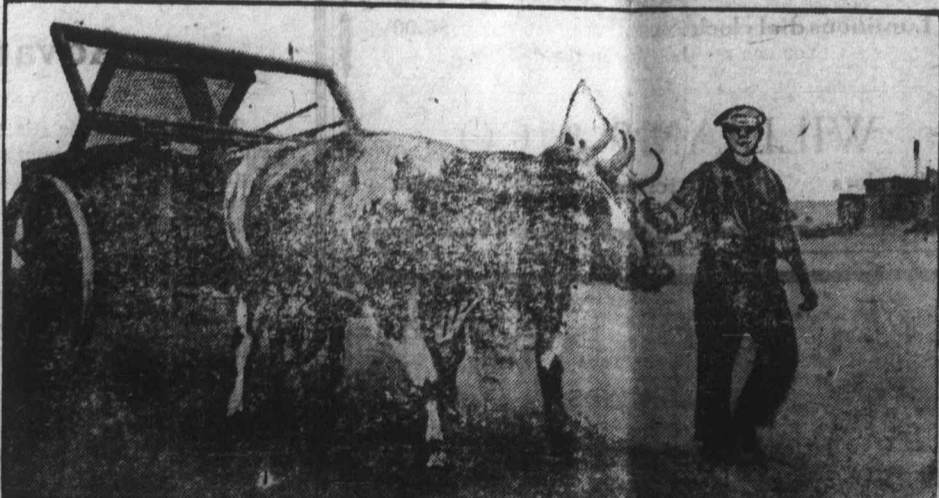
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 Phone 217 P. O. Box 462

The Merchant Who Advertises
 Is helping to keep money circulated at home because the advertising done by business men of other places to reach Wolfville buyers tends to attract money elsewhere.
 If they find it pays to advertise, the home merchant who can advertise at less expenditure of money is even more favourably situated.

Oxen Useful In Harness



Mr. and Mrs. J. C. Berrang on a cross country pleasure trip stop off at New York on their way from West Chester, Conn., to Los Angeles, California.



A Nova Scotia pair of oxen can draw three tons and are very efficient at the plough.