

About Feeds and Live Stock

Timely Items and Practical Information to Be Put Into Effect

At the beginning of the New Year everyone has great resolutions and plans for what they are going to do in the ensuing months. Too often, it is true, these same plans and resolutions are never realized, and as the days slip by, they pass again into oblivion like many before them. It is very pleasant to sit by the fire and build "castles in the air," but remuneration comes only by the realization of the project, which, in turn, is brought about only by direct action. It is better to plan one thing well and carry it through, than to let fancy run on a score or more, which are born only to die again.

This may sound like a sermon, and the practical farmer may say, "What has this to do with me?" But do farmers not have plans? We are sure good ones do, because no man can accomplish anything worth while who does not plan ahead. The "slip-and-go" farmer who does things the easiest way, or as father did even twenty years ago, will certainly never need to worry as to the probability of his being inconvenienced by the income tax, for large salaries. His trouble will be a lot closer to home than that, and he will find that the hired man is better off than his master.

Last year the war was just over, and we were not just sure what would happen concerning the H. C. of L. and prices in general. One thing is certain, however, they are still with us and bid fair to stay for some time yet, unless our new Government can do something more than simply investigate, as has been too often the case in the past.

The farmer, like everyone else, must in making his plans for the coming year take into account the existing circumstances, and also, as far as possible, figure out what is likely to develop in the near future. Will feeds go down in price more than hogs or beef cattle; if so, he will aim to raise more. Will concentrates for dairy cattle be cheaper? Will wool remain at remunerative figures? These and many more, are questions that many have been pondering over, and their resultant action is dependent on the solution they come to.

One way to keep in touch with affairs, is to take some good papers, because it is noticeable that the men who make a success of farming are, in the majority of cases, those who read well and keep posted on affairs. Every farmer should at least take one daily for news, and one weekly, as a farm paper, for farm topics. If you haven't sent in your subscriptions for the year, now is a good time to do so, while it is on your mind.

Then there is also the matter of commencing that system of farm bookkeeping, which is so convenient in helping you to figure out just what operations are paying you and which ones are not. Too often the farmer keeps tab in his head of expenses, etc. However, now, when everything is so dear, it is necessary to figure more closely in order to realize a profit on each operation.

One of the easiest yet comprehensive forms of bookkeeping yet arranged for the farmer was worked out some years ago by A. Leitch, now head of the Farm Survey Department at the Ontario Agricultural College, Guelph. Anyone wishing these forms can obtain them by applying either there or to the Department of Agriculture at Toronto. Directions are sent with them and a sample form also, so that anyone can understand it. Now is a good time to start when you are not extra busy on work outdoors.

With increased amount of milk being sent to creameries, condenseries, etc., the value of good supply of ice for hot summer weather also increases. It does not cost much, outside the labor of harvesting it, and will save you much milk and other produce when the hot days come round again. January is a good month to haul it in, as the cold weather then generally makes a thick, clean, good quality of ice-cake.

If a farmer is not near a stream or body of water, he can make his ice at home if he has a sufficiency of well water. In some instances a cement reservoir of small size is built with sloping sides, and the ice is made in this. When this is done, the clean well water makes a finer quality of ice than when taken from many streams.

An expensive building is not necessary for the storing of ice, although the permanent one is best. Many combine a milk house with it. If sufficient sawdust is used ice can be kept in a very crude building, provided it will keep out rain, the sun and has good drainage. A space of twelve inches between walls and ice is necessary for good insulation. If hay or cut straw is used, a depth of 24 inches is necessary on all sides. Pack ice-cakes slowly, so as to prevent any air circulation among the blocks.

It is well to keep an eye on the roots and vegetables to see that they are keeping in good shape. At times roots kept in the same stable as the stock commence to spoil because of the warm air, and the dampness caused by the moisture from the breath of the stock. Slatted ventilator pipes through the bins will prevent and tendency toward heating and rotting, by allowing air circulation. A cool atmosphere, around 40 degrees, is best for most roots.

The straw in many sections of Ontario was very short this year, which, in many cases, will limit the quantity of feed at the farmer's disposal. He, therefore, will need to make as good use of it as possible, especially if he hadn't an extra large crop of hay to help out.

As much straw often contains good feeding value, it is often used to lend bulk to the ration. In order, however, to get the stock to relish it, some means must be taken to make it more palatable. This can be done by cutting it up fine and mixing it with other feeds, such as ensilage and pulped roots. At the Ontario Agricultural College, for the beef cattle, all the feeds are mixed together some time before feeding. The hay and straw are cut, and a certain amount of salt is sprinkled over the mixture. In this way the whole is made palatable, and much straw can be made good use of.

If the feeder hasn't a cutting box, he will find that if he mixes the hay and straw together and sprinkles them with fatty water some time before feeding, the stock will relish their feed much better. A little chop can also be sprinkled on it after it is put in the manger.

Outside of the dairy cow, last spring's calves should receive perhaps more attention than any of the other cattle. It may save a little feed to allow them to rough it during their first winter, but it is a poor way to mature them into good sized animals that will be able to return a profit in the future for the feed given to them.

Each year the Department of Agriculture at Ottawa sends out samples of feed grain, etc., an announcement of which was made in a recent issue. It will pay you to send in your name early if you wish a sample. By joining the Experimental Union, the annual convention of which is held in January at Guelph each year, you can secure samples for feed also.

If you have good varieties already, it will pay you to pick out enough to sow an acre for the following year's seed. In this way, by using the best seed, you will get much greater yields.

Seed grown and handled by members of the Canadian Seed Growers' Association, in accordance with the reg-

ulations of the Association, and which is up to the required standard of purity, quality and vitality, may be registered in the records of the association as "Registered Seed," and certificates of registration may be issued for such quantities if this seed as may be offered for sale. The names of members having much seed for sale are published each year in a catalogue, and in this way buyers are found, and the seller gets much better prices than he otherwise would. It will pay you to write for information to Canadian Seed Growers' Association, Canadian Building, Ottawa.

Quite a number of cows will be refreshing this month and the following one. They need good care and feeding. The cow that is carrying a calf should be fed well, else she cannot be expected to give a good flow of milk. Breeding may be necessary for a large yield, but no cow, no matter how well-bred, can produce abundantly if she is not given the required feed. Don't stint, it doesn't pay.

Cows that give a large flow of milk need to be carefully handled at time of calving, in order to obviate the danger of milk-fever, and injury to the udder. Do not milk completely for the first few days, but draw a little frequently, as this will help to prevent milk-fever. It is at times also necessary to milk before the calf arrives if the udder becomes too distended and is causing pain to the cow.

The care of the calf also is important. With dairy cattle especially, the best plan is to take it away from the mother at once, as it will learn to drink much easier from the pail if never allowed to suck. It may be left 12 hours before feeding, and will then be hungry enough to take some food from the pail.

About the best way yet devised to teach the youngster to drink is to give it the end of your finger to suck, while its nose is in the milk. In this way it soon learns, and will drink quite readily. Like putting up stovepipes, the job is often a trial to one's temper, but if gone about correctly it is generally accomplished in a few lessons. At the same time, experience inclines us to think that the "drinking habit" is inherited in calves as well as humans, as some calves learn much easier than others.

Don't neglect hogs during the cold weather. Their bedding needs renewing frequently to keep them comfortable, especially if their quarters are anyway cold. While pigs of any size will do well in a house that is not frost proof, they, at the same time, need dryness and freedom from draught.

In cold weather it is often hard to get brood sows and stock boars to take the exercise that is so necessary for their health and vigor. This can be done by feeding them at a distance from their house, which compels them to take a certain amount at each meal time.

A noted horseman once said that "idleness and fat" were the two greatest enemies of the horse, and experience of others proves it to be quite so. No horse can retain his health and appearance if forced to stand in a stall day after day during the winter months.

The brood mare and colts may be turned out into the yard during the day, and the work horses which are shod should be hitched up frequently. The grain ration of each should be suited to their respective needs. Thus the brood mare and growing colts will need more than the idle mature horse.

The truth is mighty, and some fellows only tell it to the highest bidder.

and to keep Martens and Nourteva from appearing before the sub-committee of the Senate Foreign Relations Committee next Friday. Nourteva, who is a Finn, accused "official forces" of trying to suppress "the truth about Russia."

He said that, if afforded an opportunity to appear before the sub-committee which will investigate Bolshevik activities in the United States, he and Martens could prove entirely "the hysterical lies" told about their work in this country. At the same time, he charged that Government officials had feared an expose of the Bakmeteff Embassy, which he said, had "squandered \$50,000,000 loaned by the American Government."

Direct charges were made by Nourteva that Department of Justice agents had become "agents provocateur," such as abound in Europe, and that in this capacity the Department of Justice detectives had even gone to the extent of having planks inserted in the Communist party platform, so that that organization could be prosecuted. Nourteva said he could "prove this to the Senate sub-committee."

Further, he charged that American secret service men had helped to "plant" what he called "celebrated bomb plots." Nourteva again swore he was ready to prove this, and added that "some officials" were anxious to keep "these facts" from being known.

Miller's Worm Powder attack worms in the stomach and intestines at once, and no worm can come in contact with them and live. They also correct the unhealthy conditions in the digestive organs that invite and encourage worms, setting up reactions that are most beneficial to the growth of the child. They have attested their power in hundreds of cases and at all times are thoroughly trustworthy.

STATE CORPORATION

On Giant Scale, to Restore Germany.

A Berlin cable: The Saxon state railways show a deficit of 300,000,000 marks for the past year.

The Government is contemplating the organization of a giant corporation, in which the nation and private individuals can participate, for the purpose of taking over the military, naval and industrial plants, and for the conversion of available army supplies into marketable commodities. A plan has been proposed to give the federated states and individual communities an active interest in the operations of the proposed organization, which promises to become one of the most gigantic enterprises in Europe.

The production of sugar in Germany in the past year shows a decrease of 30-20 per cent, as compared with 1918. Vast quantities of beets have not yet been uncovered. The number still buried in Silesia is estimated at 100,000,000 pounds.

Don't Submit to Asthma. If you suffer without hope of breaking the chains which bind you do not put off another day the purchase of Dr. J. D. Kellogg's Remedy. A trial will drive away all doubt as to its efficiency. The sure relief that comes will convince you more than anything that can be written. When help is so sure, why suffer? This matches remedy is sold by dealers everywhere.

LITTLE BY COMPARISON. "Did the dentist cause you much pain extracting your teeth?" "Not so much as he did extracting his fees."

Dr. Martel's Female Pills

For Women's Ailments
A Scientifically prepared Remedy, recommended by physicians, and sold for nearly fifty years for Delayed and Painful Menstruation, Nervousness, Dizziness, Backache, Constipation and Other Women's Ills. Accept no other. At your druggist, or by mail direct from our Canadian agents, Lyman Bros & Co., Ltd., Toronto, Can., upon receipt of price, \$1.

30,000,000 DIED IN THREE YEARS

From Violence, Famine, Disease, in Russia,

Exclusive of 5,000,000 Slain in War.

New York despatch: Thirty million men, women and children have died in Russia from violence, famine and disease during the last three years, according to a statement on present conditions in the once great empire, which was made to-day by Princess Cantacuzene-Speranskiz, granddaughter of Ulysses Grant, in an appeal in behalf of the American Central Committee for Russian Relief. The tremendous death toll mentioned by the princess was exclusive, she said, of five million men who had laid down their lives on the Russian front fighting for the Allies.

Princess Cantacuzene, whose husband is a former commander of the Czar's Bodyguard, was an eyewitness to many of the terrible scenes which resulted in the establishment of the Soviet regime in Russia. She described how hundreds of German spies and agents poured into Russia following the revolution and industriously spread Bolshevik propaganda among the peasants.

Revive the Jaded Condition.—When energy flags and the cares of business become irksome; when the whole system is out of sorts and there is general depression, try Parmele's Vegetable Pills. They will regulate the action of a deranged stomach and a disordered liver, and make you feel like a new man. No one need suffer a day from debilitated digestion when so simple and effective a pill can be got at any drug store.

NOTHING SERIOUS. "Is this patient violent?" "No," replied the asylum attendant. "He merely thinks the walls of the room are papered with 'Chinese money' and he's an American adding machine trying to strike a balance."

ONE ENOUGH. Mrs. Knagg—Did the doctor ask to see your tongue? Husband—No. I told him about yours, and he ordered me away for a rest.—London Tit-Bits.

SELF-SACRIFICE. Parents—Of course, as my daughter is of age she can suit herself as to marrying you, but the day she does I shall cut her off without a cent. Suitor—In that case, it's all off. I could not think of depriving a young lady of her inheritance.

PRINTERS' FUN. "There never is any variety in this bill of fare," growled the pessimistic patron. "You forget the typographical errors, sir," replied the facetious waiter. "What?" "We have a new lot every day, sir, and upon my word, some of them are most amusing."

Make hay while the sun shines, or you won't cut any ice when it freezes.

DR. WARD The Specialist

79 NIAGARA SQUARE, BUFFALO, NEW YORK.

Men, Are You In Doubt

As to your trouble? Have you some skin eruption that is stubborn, has resisted treatment? Is there a nervous condition which does not improve in spite of rest, diet and medicine. Are you going down hill steadily? ARE YOU NERVOUS and dependent, weak and debilitated; tired mornings; no ambition—lifeless; memory gone; easily fatigued; excitable and irritable; lack of energy and confidence? Is there falling power, a drain on the system? Consult the old reliable specialists.

SYMPTOMS OF VARIOUS AILMENTS

Weak and relaxed state of the body, nervousness, dependency, poor memory, lack of will power, timid, irritable disposition, diminished power of application, energy and concentration, fear of impending danger or misfortune, drowsiness and tendency to sleep, unrefreshing sleep, dark rings under eyes, weakness or pain in back, lambs, dyspepsia, constipation, head-ache, loss of weight, insomnia. Dr. Ward gives you the benefit of 29 years' continuous practice in the treatment of all chronic, nervous, blood and skin diseases. The above symptoms, and many others not mentioned, show plainly that something is wrong with your physical condition and that you need expert attention.

Men, why suffer longer? Let me make you a vigorous man. Let me restore your physical condition to full manhood. Don't be a weakling any longer. Make up your mind to come to me and I will give the best treatment known to science—the one successful treatment based on the experience of 29 years in treating men and their ailments.

Dr. Ward's Methods Unrivalled, Thorough and Permanent.

Do you realize that you have only one life to live—do you realize that you are missing most of that life by ill health? A life worth living is a healthy life. Neglect of one's health has put many a man in his grave.

I have been telling men these things for many years but still there are thousands of victims who, for various reasons, have not had the good sense to come and get well.

Specialist in the treatment of nervous conditions, nervous exhaustion, back-ache, lumbago, rheumatism, stomach and liver troubles, acne, skin diseases, catarrh, asthma, rectal troubles, piles, flatula and blood conditions.

OFFICE HOURS: 9 a.m. to 5 p.m. Sundays—10 a.m. to 1 p.m. FREE CONSULTATION EXAMINATION.

Before beginning treatment you must make one visit to my office for a personal physical examination. Railroad fare will be considered as part payment of fee. Canadian money accepted at full value.

79 Niagara Square, Buffalo, N. Y.

Another Case of Blood Poisoning

Persisted in paring his corns with a razor. Foolish when cure is so painless and sure with Putnam's Corn Extractor. Use Putnam's only—it's the best—guaranteed and painless, price 25c at all dealers.

A GREAT SUCCESS.

Sixth Italian Loan is Record Breaker.

A Rome special cable: Subscriptions received on the first day of the sixth loan since the beginning of the war indicate it will be a great success. The people responded with great enthusiasm, and banks were besieged by all classes, who were anxious to give their savings for the financial reconstruction of Italy. Banking experts estimate the day's total to be 1,000,000,000 lire, which surpasses all previous loans.

A pleasant medicine for children is Mother Graves' Worm Exterminator, and there is nothing better for driving worms from the system.

Corns cause much suffering, but Holloway's Corn Cure offers a speedy, sure, and satisfactory relief.

KEEP AFTER "REDS."

No Let-Up in the Round-Up in U. S.

Washington despatch: New appropriations, aggregating \$1,150,000, have been asked by Congress by the Department of Labor for use in furthering the Government's campaign to cleanse the United States of violent radicalism. With 2,500 members of the communist and communist labor parties now awaiting deportation proceedings, the department stated additional funds will be needed to offset the stubborn legal resistance which the radicals are expected to set up.

In the meantime the Department of Justice agents had orders to push the round-up of "reds," and proceedings against the prisoners in several cities were set to begin to-day.

On Sale Everywhere.—There may be country merchants who do not keep Dr. Thomas' Electric Oil, though they are few and far between, and these may suggest that some other oil is just as good. There is nothing so good as a liniment or as an internal medicine in certain cases. Take no other. The demand for it shows that it is the only popular oil.

SAY POLICE FIXED PLOTS

Soviet Bureau Secretary in U. S. Makes Charge.

Wants to Give Evidence Before Senate.

Washington despatch: Santeri Nourteva, "Secretary of the Russian Soviet Government Bureau," declared tonight that Ludwig C. A. K. Martens, the so-called "Soviet Ambassador to the United States," was hiding in Washington. While Nourteva was making this statement on the second floor of a hotel, agents of the Department of Justice sat waiting in the lobby. It is anticipated that Martens will be arrested and held, subject to deportation proceedings.

In a defiant and bitter statement, Nourteva asserted that "the frantic man-hunt" carried on by the Department of Justice was an attempt to prevent peace with Soviet Russia.