

Creamery owners and dairy inspec tors frequently experience consider able difficulty in tracing the source of an unnatural flavor or odor in the milk delivered by a patron. In such use is possible in many places. With cases it is first necessary to determine labor shortage the investment of from whether or not the abnormal flavor or \$3 to \$5 in such a tool pays big interodor is present when the milk leaves est. the udder of the cow or develops later. If any particular cow is giving milk tainted it is not due to bacteria, but to other causes.

If the milk from any number of cows shows the taint the feed or something which the cattle have eaten in the pasture is to blame. Carrots, turnips, wild onions, ragweeds, cabbages, off-flavored grain feeds and other strongly flavored substances will cause tainted milk. Certain foodstuffs for cows, not ordinarily considered likely to produce bad-tasting milk, will at times do so. Where the bad flavor seems due to feed and there is nothing the ration subject to suspicion, a change in feed is yet desirable, as the b: I flavor may disappear as a result.

cows that are kep: in the pasture is so issuated that the west of the standard pools or a stick and keep this wheel surface is a heavy dew. Take a dulk infe to a stick and keep this wheel surface cows have access to muddy pools or stagnant ponds, they will often stand in the water up to their knees, fighting the rivets off and using his and plastering the mesteves with mud. This mud dries quickly and the end off a high packed in the most objectionable forms of the tree of the most objectionable forms of the tree of the stand with mud. This mud dries quickly finds its way through the strainers and set of the course of the tree of the stand in the water up to their knees, fighting the rivets off and using his way through the strainers and set of the course of the most objectionable forms of the course of the tree of the pool of the strainers and set of the tree of the pool of the tre

trouble during the summer months is that of old, sour strainer cloths which are rinsed in luke-warm water and hung up to dry. These cloths should be put in boiling water and thoroughly cleansed before being used for another milking. Ordinary wire strainers are worse than none at all. They are very difficult to keep clean and are almost worthless for removing fine dirt and

There are certain fundamental principles in cleaning dairy utensils that cannot be ignored. Milk should never be allowed to dry and become sour. It is impossible to clean the utensils properly after they have been allowed them with water, and they may be easily cleaned later. Rinse with lukewarm water before scalding. Then wash with hot water with the aid of some cleaning material; if possible expose them to steam a few minutes and place them in a place where they are exposed to the light and sunshine until the next milking. The best pre-parations to use in cleaning dairy iron or tin. It lasts a season, and atensils are the alkalies and carbonates, like soda, sal soda and lye, because they have the power to dissolve axle will help too. One can buy new the coagulated albumen. Sal soda is axles for less than a dollar, but the one of the cheapest and most effective other way is about as good, and far materials, as it is neither poisonous

Impure water used in washing dairy utensils frequently introduces dangerous bacteria that cause ropiness in the weeds go right along with their milk. In some instances impure water weeds go right along with their growth. We have got around this by has been traced as the source of dis- making rakes to go on behind the ease epidemics. As great care should hoes. A block of wood about five

WOOL Ship your lot to ourselves and

receive immediate cash payment and the highest market price. We will treat you right. Wm. Stone Sons, Limited WOODSTOCK, ONTARIO Established 1870

because it lasts twice as long.

providing a supply of pure water for the cows to drink.

The Wheel Hoe.

The wheel hoe is very useful to both the gardener and the farmer. Its

I have been using one of these tools for more than twelve years. The first year we had one on the farm I did not know what to do with it. It was un-handy, and I thought that it was to use a small garden hoe and We had a one-fourth acre of seed on-

look out for the dirt on the wheels. A rim of dirt a half inch thick will throw the blades out of balance enough to spoil its work. This will happen navor may disappear as a result. If the soil is a little wet or if there close that are kep, in the pasture is a heavy dew. Take a dull knife that look good. I have a small set of times a day, but if this requires too

if the rows are not exactly parallel, or if one row runs further than another. Anyway, it is not possible to get as close to a row with a single

wheel hoe as it is with a double one. On part of the blade of a wheel hoe and weeds next to the row. If this is covered with boards or burlap are left sharp a good many vegetables are provided, if there are no trees or ruined by cutting the edges or sides. shrubs to give protection. Some such File this blunt and save this loss. An plan may be followed on a small onlion, for instance, will be spoiled if place, but often it is quite possible

grind down the lower side—as it sets growing artichokes, sunflowers, or on the ground-and then smooth it something of that kind. The artidown on the opposite side. I think a chokes can be allowed to grow right a bread containing 20 per cent of fish to become dry and sour. If it is impossible to clean them at once, fill and it lasts longer. I take the blades get well started, for the hens will not off sometimes, and put them on the eat the leaves. Of course, the Jerusagrindstone or emery wheel.

After you use a wheel hoe for a few years the spindle becomes worn, and this prevents close working around vegetables, because the wheels do not carry the rest of the hoe where you want it to go. I bush them when they iron or tin. It lasts a season, and makes the hoe work almost as well as cheaper.

For the ordinary sandy soil the one

I like to have some sort of a box



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THE CANADIAN STEEL AND WIRE CO., Limited

on the handles of my hoe to put small sance. At least some should be dug a four-tined hook for the garden work, stones and trash in as I go along. If out each season. this is just pushed aside when the ions, and it was quite a job to keep the work is done, then the same stuff has the fact that the seeds make excellent to be pushed around again the next poultry food. Truth to tell, the sunflower is not appreciated as it should hoe under ordinary conditions, and have a lot of time to do other work. In using your wheel hoe it pays to good anyway. Put them in the box tall sunflowers standing good anyway beginning to good anyway. Put them in the box tall sunflowers standing good anyway beginning to good anyway beginning to good anyway. wheel hits them, and they are no good anyway. Put them in the box tall sunflowers standing close togeas you come to them, and just tip the hoe over at the end of the row and they're emptied.

So also Jesus would have His disciples tell the story of His redeeming and saving work. They had been with Him; they had seen and heard; they were to be His witnesses, telling His disciples and saving work. They had been with Him; they had seen and heard; they were to be His witnesses, telling His

When you buy a wheel hoe there

it will be necessary to have shade for the chickens. Even more susceptible to the heat of the sun are ducklings. there is an upright that cuts the soil On commercial plants low shelters the outer layers of skin are injured. and more satisfactory to furnish na-When I file or sharpen my hoe I tural shade, which can be done by lem artichoke is meant, the so-called French artichoke being an entirely different plant.

Jerusalem artichokes provide goo shade when planted rather closely, and once started, will come up year after year. In fact, there is spread so fast as to become a nui- ground rapidly.

The sunflower has special merit in

the hens or chickens in the morning, hiding under the perches or in cracks in the walls. The simplest way to deal With the coming of warm weather with these pests is to use carbolineum or some such thick mixture on the under part of the perches and to spray the walls with a prepared lice paint, the first of the exiles, saw Him in which can be put on easily with a brighter future as a second David, and

instead of milk. Your cakes will keep fresh and moist much longer than if mixed with milk.

From a humble beginning with 460 members in 1913, Manitoba at the end of 1919 had enrolled upwards of 30,-000 boys and girls in farm clubs In Saskatchewan their growth has danger that they will multiply and been slower, but they are now gaining

The Sunday School Lesson

JUNE 12.

Making the World Christian. Isaiah 11: 1-10; Acts 1: 6-9. Golden Text-Isaiah 11: 9.

Connecting Links.—Those who have found the true and the living God want to make Him known to others. The people of Israel found Him in many experiences of their history, but especially in the two great deliverances, from Egypt and from Babylon. It came to them in the teaching of the great prophets of the last centuries before Christ, that they should tell these experiences to the world. They had a story to tell to the nations, and a song to sing which all the world should hear.

The collection of the king's supreme virtues. For the king who fears God with the following sentence express in a fine poetic figure the directness and alaws. So also verse 5 declares the character of His rule—which shall be character of His rule—which shall be tamed and made to live at peace.

arm in the extra of all the nations; And all the ends of the earth shall see the salvation of our God."

story to the world. The apostles and ministers of Jesus Christ have not

Micah (5: 2-6) a younger contemporary of Isaiah, repeated the same prediction. Jeremiah (23: 5-6) took prediction. Jeremian (25: 5-0) took it up and made of it a message of comfort for those of his time who suffered at the hands of their enemies defeat, humiliation, and exile. Ezekiel, among the first of the exiles, saw Him in a

should hear.

Israel has been entrusted with the saving and enlightening knowledge of the true God who can save, and so is to be "for a light to the Gentiles," and for "salvation unto the end of the earth."

"The Lord hath made bare his holy arm in the exil of all the nations;

shall be tamed and made to live at peace.

The entire picture here presented of the reign of the great Deliverer is of a transformed society, in which peace with justice shall prevail. Mount Zion, the place of Jehovan's temple, is conceived as swelling and broadening until it fills the whole world, and the world of humanity becomes the holy temple of the Lord.

They shall not hurt nor destroy in all my holy mountain,
the earth shall be full of the knowledge of the Lord, as th) waters cover the sea."

Acts 1: 6-9. The kingdom to Israel Even to the last the disciples of Jesus expected Him to establish again the

world

Thus, and thus only would His king-Thus, and thus only would His kingdom be established in the world—by the work of His Spirit in the hearts of men, and by witness-bearing. And thus would be fulfilled the old prophetic vision of justice, peace, and the knowledge of God filling the whole world.

which can be put on easily with a common spray-pump. Even if the house becomes baddy infested, all trace of vermin may readily be done away with by this plan, without an excessive amount of labor.

Norwegian Government experimenters have succeeded in producing a bread containing 20 per cent of fish.

Mix cake batter with ice cold water

world,

Application.

It was Mr. Beecher who once said, "As soon as a tree ceases to grow it begins to rot." There is no such thing as standing still either for the individual Christian or the Church at large. We must be continually reaching out, extending our activities, and seeking new fields of usefulness. If ever a Christian were to say, "I will cake batter with ice cold water King is to be richly endowed with the spirit of the Lord, with such wisdom and understanding, such counsel and might, such knowledge and reverent piety, as only God Himself can impart. By these high qualities and gifts He will be prepared for His kingly office, to rule wisely and well.

In verse 3 read (as in Rev. Vers.): Christian or others only partially His delight shall be in the fear of the

RESTORING THE APPLE ORCHARD TO PRE-WAR PRODUCTIVENESS

By C. W. Baxter, Fruit Commissioner.

There is no doubt but that a con- of the orchards which had suffered siderable portion of the loss of fruit from neglect and frost injury.
trees, especially in the province of Having regard to these conditions blade, and by bending the wires a little they will break up this slice of cessful prosecution of the war, an During soil and so leave a fine mulch and embargo was placed on the importathe Dominion Fruit Branch, in coalso kill the weeds. This beats the tion of apples into the United King-operation with the Provincial Department and with restricted markets of Agriculture, have held meetcause they can be easily adjusted by bending the wires.

many fruit growers became utterly ings in the various parts of the prodiscouraged and neglected their vinces at which practical demonstradiscouraged and neglected their vinces at which practical demonstrations. The weather during two tions were given in the proper methods. growing seasons was also unfavorable, ods of grading and packing, and the and scab developed to such an extent advantages to be gained by having all as to reduce the vitality of the trees, apples packed in a central packing and many were consequently unable house. Where convenient, demonstrato withstand the severe winter. To tions were also given in pruning ascertain to what extent fruit growers in the provinces of Quebec and Ontario might profitably undertake the attendance at these meetings, and the re-establishment of apple orchards, keen interest taken in all subjects distherefore, it is necessary to consider cussed, indicate that greater attention conditions affecting the industry as a will be given orchards during the prewhole; also other industries correlated sent season than has been given for

ery stock, but, following the big crop, and the price correspondingly reduced, of 1914 (which on account of lack of orchards in Ontario and Quebec will proper marketing facilities resulted in undoubtedly be re-established very unprofitable returns to the growers, soon. many of whom concluded there had been overplanting), this demand auto-matically stopped. The nurserymen growing in Canada. The industry as continued to care for their plantings a whole made no progress during the

ery stock and, as the supply was very shown any corresponding decline, nor far short of the demand, prices advanced. In fact, so great was the advance that, together with the labor conditions, at the present time is esti-

ease epidemics. As great care should be taken in obtaining pure water for inches long and an inch and a half 1917-18, was the direct result of war emphasize the importance of growers. washing the pails and cans as in square had five or six inch holes bored through it, and No. 8 wire cut in large, and when ready to harvest war orchards in order to produce the maxipieces about seven inches long is put had been declared and marketing was mum amount of first-quality fruit, as through the holes and fastened secure- in a chaotic condition. Later, owing well as the advantages of proper meth ly with a staple. This is bolted in to the great need of ocean steamship ods of grading and packing, and the one of the slots to the rear of the space for the transportation of troops great need for proper marketing During the past winter officers of

to the fruit industry.

For several years prior to 1914
there was a great demand for nursthere was a great demand for nurs-

Growers have every reason to feel for two or three years, but eventually past eight years for the reasons alhad to consign large quantities of nursery stock to the brush pile.

a whole made no progress during the past eight years for the reasons almay stated and, although prices for many agricultural products have de-Following the cessation of hostil-ities came a renewal demand for nursshortage, the time did not appear op-portune to urge the re-establishment twenty-five years ago.

The Celestial Surgeon.

If I have faltered more or less In my great task of happiness; If I have moved among my race And shown no glorious morning face If beams from happy human eyes Have moved me not; if morning skies, Books, and my food, and summer rain Knocked on my sullen heart in vain, Lord, thy most pointed pleasure take, And stab my spirit broad awake. -Robert Louis Stevenson.

Potatoes may not be as cheap next of creamery butter was made in Sas-

-Horace Mann.

and Port Arthur.

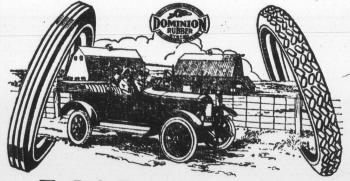
Resolve to do a little reading each day, if but a single sentence. If you gain but fifteen minutes a day, it will make itself felt at the end of the year. Less than fourteen years ago all the

One million dollars is the enormous

mount which the farmers paid during

the last three years for the transporta-tion of weed seeds to Fort William

creameries in Saskatchewan did not produce 100,000 pounds of butter, and last year more than 6,000,000 pounds three years in that period.



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