Creamery owners and dairy inspectors frequently experience considerable difficulty in tracing the source | The wheel hoe is very useful to of an unnatural flavor or odor in the both the gardener and the farmer. Its 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.

teria, but to other causes.

cleaned before they are milked.

trouble during the summer months is if the rows are not exactly parallel, 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

The strainer cloths which or if one row runs further than another of the work of His Spirit in the walls. The simplest way to deal with these pests is to use carbolineum or some such thick mixture on the under part of the perches and to spray the heads of their enemies defeat, burnfly and made of it a message of comfort for those of his time who suffered wheel hoe as it is with a double one. On part of the blade of a wheel hoe cleansed before being used for another of the sun are ducklings.

On part of the blade of a wheel hoe whole work of His Spirit in the work of His Spirit in the work of His Spirit in the work of the work

There are certain fundamental prineasily cleaned later. Rinse with luke-grindstone or emery wheel. warm water before scalding. Then After you use a wheel hoe for a few French artichoke being an entirely materials, as it is neither poisonous cheaper.

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because it lasts twice as long.

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lubricated with Imperial Mica Axle Grease. Its powdered mica flakes form a glassy surface for grease to work over. Thus friction

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Imperial Eureka Harness Oil keeps your harness pliable,

strong and new-looking. It gives leather a rich, black,

lasting finish, protects it from moisture, and adds years

to its life. It is easily applied and is a big money-saver

both in convenient sizes.

MPERIAL OIL LIMITED

Imperial Mica Axle Grease and Imperial Eureka Harness Oil are the

first choice of teamsters, farmers and

iverymen. A dealer near you carried

and the highest market price.

the cows to drink.

the udder of the cow or develops later. I have been using one of these tools If any particular cow is giving milk for more than twelve years. The first which is tainted it is not due to bac- year we had one on the farm I did not know what to do with it. It was un-If the milk from any number of handy, and I thought that it was thing which the cattle have eaten in a four-tined hook for the garden work, stones and trash in as I go along. If out each season. the pasture is to blame. Carrots, We had a one-fourth acre of seed on- this is just pushed aside when the The sunflower has special merit in turnips, wild onions, ragweeds, cabions, and it was quite a job to keep the work is done, then the same stuff has the fact that the seeds make excellent "The Lord hath made bare his holy temple of the Lord." bages, off-flavored grain feeds and weeds out and the soil loosened. Now to be pushed around again the next poultry food. Truth to tell, the sunother strongly flavored substances will I can care for five acres with a wheel time. The stones will cause the hoe flower is not appreciated as it should And all the ends of the earth shall see cause tainted milk. Certain foodstuffs hoe under ordinary conditions, and to jump out of the ground when a be, but of course the Russian or mam-

at times do so. Where the bad flavor look out for the dirt on the wheels. as you come to them, and just tip the ther make a good summer hedge and ciples tell the story of His redeeming seems due to feed and there is nothing A rim of dirt a half inch thick will hoe over at the end of the row and screen the poultry yard as well as and saving work. They had been with in the ration subject to suspicion, a throw the blades out of balance enough they're emptied. the ration subject to suspicion, a throw the blades out of balance enough they remptied.

The ration subject to suspicion, a throw the blades out of balance enough they remptied.

The providing shade in the fall.

When you buy a wheel hoe there may be a lot of attachments for it shade. It is best renewed several that are leaf in the posture is a heavy dow. Take a dull knife that look and to be a real strings a day but if this requires too. Cows 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 only the story of God's great work for king with court and army and royal

readily falls into the milk pail. It is get a blade about an inch longer than surface, and sometimes deeper work- market which will hold enough to sup- would be a great and just and glorious slowly to understand, a mightier pow one of the most objectionable forms you wish, and cut the end off a half ing seems the proper treatment. The ply a large flock all day.

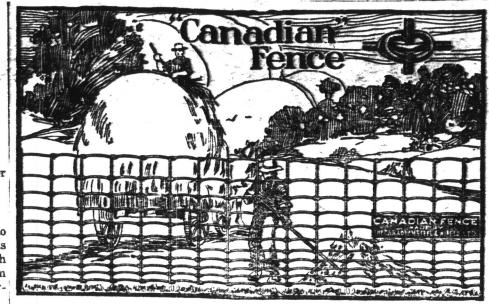
ducts. Cows that are plastered with of a double wheel hoe—that is. one this kind of mud should be thoroughly that straddles the row of vegetables instead of going in between. I like One of the most prolific causes of this kind because it does not matter

milking. Ordinary wire strainers are there is an upright that cuts the soil On commercial plants low shelters which can be put on easily with a brighter future as a second David, and worse than none at all. They are very and weeds next to the row. If this is covered with boards or burlap are common spray pump. Even if the as the good shepherd of His people difficult to keep clean and are almost left sharp a good many vegetables are provided, if there are no trees or house becomes badly infested, all (34: 23). Others, who followed, preonion, for instance, will be spoiled if place, but often it is quite possible excessive amount of labor. ciples in cleaning dairy utensils that the outer layers of skin are injured, and more satisfactory to furnish nacannot be ignored. Milk should never When I file or sharpen my hoe I tural shade, which can be done by be allowed to dry and become sour. It grind down the lower side—as it sets growing artichokes, sunflowers, or Norwegian Government experiproperly after they have been allowed down on the opposite side. I think a chokes can be allowed to grow right a bread containing 20 per cent of fish. spirit of the Lord, with such wisdom cultivate the Christian graces in my to become dry and sour. If it is im- better edge can be put on this way, in the hen yard if protected until they Mix cake batter with ice cold water

wash with hot water with the aid of years the spindle becomes worn, and different plant. wash with hot water with the aid of years the spindle becomes worn, and different plant.

some cleaning material; if possible this prevents close working around Jerusalem artichokes provide good of 1919 had enrolled upwards of 30.and place them in a place where they carry the rest of the hoe where you and once started, will come up year 000 boys and girls in farm clubs. are exposed to the light and sunshine want it to go. I bush them when they after year. In fact, there is some In Saskatchewan their growth has until the next milking. The best pre- are worn by using a layer of thin sheet danger that they will multiply and been slower, but they are now gaining parations to use in cleaning dairy iron or tim. It lasts a season, and spread so fast as to become a nui- ground rapidly. atensils are the alkalies and carbon- makes the hoe work almost as well as ates, like soda, sal soda and lye, be- new. A washer on the end of the 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

For the ordinary sandy soil the one Impure water used in washing dairy drawback to a wheel hoe is that the atensils frequently introduces danger- soil is cut off in a thin layer on top ous bacteria that cause ropiness in the and then dropped back again, and the mick. In some instances impure water weeds go right along with their used in washing the pails and cans growth. We have got around this by siderable portion of the loss of fruit from neglect and frost injury. has been traced as the source of dis- making rakes to go on behind the trees, especially in the province of Having regard to these conditions, ease epidemics. As great care should hoes. A block of wood about five Ontario, during the severe winter of the Fruit Branch has endeavored to fall as they are now. Better plant a katchewan, the output doubling e ery 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 few. washing the pails and cans as in square had five or six inch holes conditions. In 1914 the crop was giving the necessary attention to their 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 ly with a staple. This is bolted in to the great need of ocean steamship ods of grading and packing, and the blade, and by bending the wires a and materials necessary for the suc-facilities. bending the wires.



THE CANADIAN STEEL AND WIRE CO., Limited Hamilton

for cows, not ordinarily considered have a lot of time to do other work. Wheel hits them, and they are no moth variety simuld be grown. These likely to produce bad-tasting milk, will In using your wheel hoe it pays to good anyway. Put them in the box tall sunflowers standing close toge-

than common lice because they leave of great things. the hens or chickens in the morning, Micah (5: 2-6) a younger contem- world.

From a humble beginning with 460 to rule wisely and well.

cause they have the power to dissolve axle will help too. One can buy new 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 to the fruit industry.

unprofitable returns to the growers, soon.

nursery stock to the brush pile.

through the holes and fastened secure in a chaotic condition. Later, owing well as the advantages of proper methone of the slots to the rear of the space for the transportation of troops great need for proper marketing

little they will break up this slice of cessful prosecution of the war, an During the past winter officers of 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 Departrakes furnished with some hoes, be- dom; and with restricted markets ments of Agriculture, have held meetcause they can be easily adjusted by many fruit growers became utterly ings in the various parts of the prodiscouraged and neglected their vinces at which practical demonstra-I like to have some sort of a box orchards. The weather during two tions were given in the proper methgrowing seasons was also unfaverable, 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 Spraying and co-operative marketing in the provinces of Quebec and On- were also thoroughly discussed. The tario 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 several years, and as the supply of For several years prior to 1914 nursery stock will no doubt be greatly there was a great demand for nurs-increased within the next two years 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

many of whom concluded there had Growers have every reason to feel been overplanting), this demand automatically stopped. The nurserymen growing in Canada. The industry as continued to care for their plantings a whole made no progress during the for two or three years, but eventually past eight years for the reasons alhad to consign large quantities of ready stated and, although prices for many agricultural products have de-Following the cessation of hostil-clined during the past year, the price ties came a renewal demand for nurs- for the best quality of apples has not ery stock and, as the supply was very shown any corresponding decline, nor far short of the demand, prices ad- is it likely to do so owing to the fact vanced. In fact, so great was the ad- that production, even under favorable vance that, together with the labor conditions, at the present time is estishortage, the time did not appear op mated to be not greater than it was portune to urge the re-establishment twenty-five years ago.

The Sunday School Lesson

IUNE 12.

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

Connecting Links.—Those who have Lord. That will be the king's suprema found the true and the living God virtue, and implies all other king's want to make Him known to others. virtues. For the king who fears God The people of Israel found Him in will be just and merciful great prophets of the last centuries character of His rule-which shall before Christ, that they should tell one of right and truth. The wall had a story to tell to the nations, and serpents represent the fierce and war

saving and enlightening knowledge of the reign of the great Deliverer is of the true God who can save, and so is transformed society, in which peace to be "for a light to the Gentiles," and with justice shall prevail. Mount cows shows the taint the feed or some- easier to use a small garden hoe and on the handles of my hoe to put small sance. At least some should be dug for "salvation unto the end of the place of Jehovan's temple, is not

> arm in the escs of all the nations; the salvation of our God."

So also Jesus would have His dis-Him; they had seen and heard; they

one of the most objectionable forms of dirt because it very quickly finds inch. Thus a seven-inch blade will inch. Thus a seven-inch blade will wheel hoe should have an adjustable handle. In some work you want the handle higher, and in some lower. And bottles. It is also loaded with danger-ous bacterial life which have a deleter-ous being left between the rows.

You wish, and cut the end on a main wheel hoe should have an adjustable handle wheel hoe should have an adjustable for discussion, but they must be reck-handle higher, and in some lower. And you may have a boy who will want to believable rapidity. This is especially for the red mites which collect on farther into the future, and dwelt immediate experiences and duties—the true of the red mites which collect on farther into the future, and dwelt immediate experiences and duties—the the fowls at night and fill themselves upon His character and His reign, with first, the receiving of power through with blood. They are harder to fight high anticipation and confident hope the gift of the Spirit of God, and the

hiding under the perches or in cracks porary of Isaiah, repeated the same Kingdom of the Spirit,

The people of Israel found Him in The rod of His mouth. This and many experiences of their history, but the following sentence express in q

especially in the two great deliverances, from Egypt and from Babylon. authority of the king's commands and It came to them in the teaching of the laws. So also verse 5 declares the these experiences to the world. They leopard, lion, and bear and poisoned a song to sing which all the world shall be tamed and made to live at

hould hear.

Israel has been entrusted with the The entire picture here presented of ceived as swelling and broadening until it fills the whole world, and the world of humanity becomes the

> "They shall not hurt nor destroy i. my holy mountain, For the earth shall be full of the knowledge of the Lord, as the

keep reasonably clean, however, or a stick and keep this wheel surface disks that I have used. Two small much labor, a barrel may be elevated Israel in Old Testament times to tell, power. Jesus made no attempt to set if the pasture is so situated that the clean and your hoe will work far plows came with it, and the rakes on blocks and a small hole bored near but also that of Christ and His work up such a kingdom, yet He did speak that I mentioned above. There are the bottom. A plug with a groove in for the Kingdom of God, and He did ascows have access to muddy pools or stagnant ponds they will often stand in the water up to their knees, fighting flies and plastering themselves with mud. This mud dries quickly and with mud. The mud dries quickly and with mud. The mud dries quickly and with mud. The mud dries quickly and with mud and with and with mud an

second, bearing witness to Him in the

Thus, and thus only would His

worthless for removing fine dirt and ruined by cutting the edges or sides. shrubs to give-protection. Some such trace of vermin may readily be done served and handed down this great "As soon as a tree ceases to grow it File this blunt and save this loss. An plan may be followed on a small away with by this plan, without an hope to later generations, and seven begins to rot." There is no such thing hundred years after Isaiah, Jesus of as standing still either for the indi-Nazareth gave it a new meaning, a vidual Christian or the Church at new direction, and a fulfilment in His large. We must be continually reach ing out, extending our activities, and In Isaiah's expectation the coming seeking new fields of usefulness. If is impossible to clean the utensils on the ground—and then smooth it something of that kind. The arti
| Maintenance | Maintena and understanding, such counsel and own heart, and let others look after possible to clean them at once, fill and it lasts longer. I take the blades get well started, for the hens will not instead of milk. Your cakes will keep piety, as only God Himself can impart, could not long remain a Christian. We them with water, and they may be off sometimes, and put them on the eat the Jeaves. Of course, the Jerusafresh and moist much longer than if
By these high qualities and gifts He live by growing. We cannot afford to will be prepared for His kingly office, be provincial in our outlook. As long as there are parts of the world un-In verse 3 read (as in Rev. Vers.): Christian or others only partially

The Celestial Surgeon.

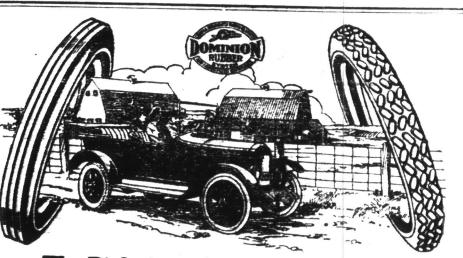
If I have faltered more or less In my great task of happiness; If I have moved among my race And shown no glorious morning face, If beams from happy human eyes Have moved me not; if morning skies, Books, and my food, and summer rain Knocked on my sullen heart in vain. Lord, thy most pointed pleasure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

-Robert Louis Stevenson.

One million dollars is the enormous amount which the farmers paid during the last three years for the transportation of weed seeds to Fort William 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. -Horace Mann.

Less than fourteen years ago all the creameries in Saskatchewan did not produce 100,000 pounds of butter, and last year more than 6,000,000 pounds Potatoes may not be as cheap next of creamery butter was made in Sasthree years in that period.



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