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Watch the Buckwheat!

vested, it is essential it should be we fed a bunch of nine pigs whole saved. The danger in heating is above buckwheat, scattering it well on the that of other grains, and it is neces- ground so it required some time for sary that the buckwheat bin should them to consume it. We fed whey, be carefully watched. The danger and the pigs were on pasture, and arises principally from dampness at were supplied mineral matter, and time of threshing. Threshing usually they were as good as any pigs we have occurs in late September, October, or raised. We have fed some buckwheat November. The weather is frequently to horses, and with oats at present damp or wet, consequently the grain prices, buckwheat selling for \$2.40 per goes in the bins in damp condition. Grain is usually hauled from the field just at present at those figures, one and if work is started at a fairly early can feed this grain in the dairy, poulhour in the morning, there will be try and to hogs, making it a part of sufficient dew or frost on the buck- the grain ration, and realize not only wheat to affect the efficiency of the profit but save trouble and expense of thresher. This will also cause damp- handling it. ness in the grain.

Buckwheat should be observed from day to day in the fall, particularly if Who has not seen potatoes scooped there has been dampness about the into a chlute into a grocer's storage unthreshed grain. If this is the case | cellar, and permitted to drop from it should not be placed too deeply in three to ten feet into a bin? Such a bins, but better be spread so that it bruised crop under the warm, moist can be shoveled. One should thrust cellar conditions commonly given, is his arm deeply in the grain and this likely to show severe rotting. The should be done not in one place but farmer must realize that in the long at different points. In addition to this run he pays for this rotting of his I use a tiling spade with blade about product. fifteen inches long for stirring. Heat- The sound skin of a potato is its ing commences in pockets, perhaps not best protection-against rotting and larger than a man's hat. This is apt handling must endeavor to keep the to spread. It may start with a par- "wrapper" intact. It is evident, with ticularly damp measure full of grain, the potatees dug early, that the prob-If the grain is badly spoiled it is lem of preventing deep injury to the dangerous to feed. If it is heated tubers with tender skins is difficult. slightly and cooled before it cakes or | Ontario potatoes are stored in wareswells, there is little danger in using houses or cellars or are pitted. Ocit for feed. We are using some now casionally requests come to know with which had started heating but was ob-, what a storage cellar should be fumi-

at the time it was perfectly cool. Two skin and cool, dry air conditions. or three weeks later the grain was Large piles of potatoes should have spoiled, and they were compelled to ventilation channels provided, either pay \$4.00 per hundred for seed. I by lattice work or by rows of crates. came near having this experience. I Potatoes tend to sweat upon being put found a pocket perhaps about the size into storage. Ventilation is necessary, of a keg. This was heating. I remov- to dry this moisture. Only a general ed the grain in that portion of the rule can be given, but potatoes should

perhaps may smell at little, it will still near the freezing point as possible, could. One day she asked him somemake chicken, dairy or hog feed. It yet avoid freezing. will grow. I have tested and planted | Pit storage is commonly employed. that which had heated a little but not It has the advantage with the ordinary swelled. However, I would advise the season of keeping the tubers better farmer to figure on sixty to seventy- than the ordinary warehouse storage, the end of that woman's quizzing the five per cent. germination. Buck- and the disadvantage that the tubers wheat which had badly spoiled caused are not readily obtainable for ship- where the line was between what a considerable loss in a neighbor's ments in cold weather.

One should save the buckwheat in dry straw and if at all large should stand by it. There is no finer quality the bin. With flour at present prices, have a straw chimney connecting with for boy or girl than that of upholdand commercial feeds at figures now the base to provide ventilation. It is ing the right always and everywhere. quoted, buckwheat is worth not less the custom to cover lightly with dirt The home is the boy's castle, as well than \$3.75 for dairy feed and not less until a snow-fall, and then complete as the man's. The best, perhaps the than \$3.25 for hog feed, and perhaps the covering with another layer of

wheat in our experience for chickens. has taken place commonly in mild It can be fed profitably ranging from seasons. twenty to fifty per cent, of the grain It is doubtless needless to say that ration. It is usually advisable to feed only sound, uninjured tubers should be about twenty-five per cent but we put into storage. have fed it as high as fifty per cent. Ontario's problems, then, is econo- lawn can be made of irregular flat useful on poultry ranges and draughts One or the other, God or gain, must. of the grain ration to dairy cows, and mically to gather, store and market stones laid two or three inches apart, must not be permitted in poultry be first and supreme. it proved one of the best milk pro- her vast potato crop. Whether the so that the grass can grow between houses. Fresh clean cold air is health- This saying of Jesus is a simple, di-

Stands Strenuous Wear\*

buckwheat being an irritant, but this When the buckwheat crop is har- year from about June 1 to August 15 hundred pounds with little demand

#### Storing the Potato Crop.

gated or disinfected. The warehouse Buckwheat may show no signs of should be cleaned of all old, rotting in the past has been to injure seriousheating in the fall, but when the warm tubers and thoroughly aired and dried. spring weather comes, much that is No special disinfection is necessary. dry will be in danger. Buckwheat that It would be better to spend the money is apparently dry and in good condi- and time for false floors to provide tion may quickly heat and become a good circulation than to try to discaked mass. Two nearby farmers felt infect the bins. The rotting organentirely satisfied the past spring that isms are all about the potato. They their seed buckwheat was perfectly are native to the soil. Conservation dry. They felt it in the spring, and of the tuber depends upon the sound

bin, and stirred the remainder daily. be kept as dry as possible, yet avoid-If buckwheat has become warm, and ing shriveling, and should be kept as

A pit should have a base of clean, away from home and was bound to straw and earth. Where provisions to father and mother .- E. As poultry feed it is worth as much for ventilation are not provided, a as for dairy feed, and it ranks next to blackening of the hearts of the tubers

We have read criticisms of crop is moved at once or held in stor- them.

# After App le-Picking

My long two-pointed ladder's sticking through a tree

Toward heaven still, And there's a barrel that I didn't fill Beside it, and there may be two or three Apples I didn't pick upon some bough. But I am done with apple-picking now. Essence of winter sleep is on the night, The scent of apples; I am drowsing off. I cannot rub the strangeness from my sight I got from looking through a pane of glass I skimmed this morning from the drinking trough And held against the world of hoary grass. It melted, and I let it fall and break. But I was well Upon my way to sleep before it fell, And I could tell What form my dreaming was about to take. Magnified apples appear and disappear, Stem end and blossom end. And every fleck of russet showing clear. My instep arch not only keeps the ache, It keeps the pressure of a ladder-round. I feel the ladder sway as the boughs bend. And I keep hearing from the cellar bin

The rumbling sound Of load on load of apples coming in. For I have had too much

Of apple-picking: I am overtired Of the great harvest I myself desired. There were ten thousand thousand fruit to touch, Cherish in hand, lift down, and not let fall. For all That struck the earth,

No matter if not bruised or spiked with stubble Went surely to the cider-apple heap As of no worth.

One can see what will trouble This sleep of mine, whatever sleep it is. Were he not gone.

warm, moist storage conditions.

The cardinal principle is to provide

ventilation and to keep the tubers cool

The black heart condition which de

ated and do not get too warm. The

potato even at the lowest offering of

For the Right, Every Time.

farmer's house where a very inquisi-

thing about the home affairs. "My

Mamma doesn't want me to tell.

came back the answer very quickly,

but modestly and firmly, and that was

should and what should not be told

only way he can defend it is to be true

for it is through the hogs.

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to protect against bitter cold.

children.

the comfortable warmth of

tive woman lived. She used to "pump

One boy I know used to stop at a

of careful handling.

The woodchuck could say whether it's like his Long sleep, as I describe its coming on, Or just some human sleep.

-Robert Frost.

## age, the farmer must exercise care in handling, protect from frost, and prevent deterioration. A common fault

ly by bruises or wounds. In addition, serious loss from rotting anises from veloped so markedly last season may be avoided if the tubers are well aerthis uncertain fall market, is worthy

that little fellow dry every time she are better than cold storage eggs sold treasures of faith, and kindness, and in the store. If the eggs are sold for selfforgetfulness, and hope, and love. seventy-five cents, that means \$12.50 boy. She found out that he knew

the bird is well fed and living in a will become dark indeed Some of your corn get caught by too rapidly. A hen exposed to the tian scholar, said that it was a Phoenithe frost? Too bad! The best market wind soon suffers from the shock cian word meaning "gain." It may caused by the feathers blowing out have been used as a title of the god of ful to fowls. Damp unclean air is rect and satisfying answer to the unhealthful whether warm or cold. question often asked in recent discus-It is not the cold air that causes sick- sions of social questions, "What must ness in poultry flocks. The open-front house is necessary because fresh air What the ruling motive in business?' means healthful poultry and they can stand cold if well fed and protected from draughts.

# What is Fertility?

manent agricultural prosperity, and may be present, but it must always be the question of soil fertility has a di- secondary and subordinate, never the rect bearing on practically every agricultural subject. It is useless to spend Version renders "Be not anxious." time and money for the purpose of the soil is fertile enough to furnish a meant anxiety. Christ does not teach former and feed for the latter.

the region are adapted. It does not and clothes the lilies. depend upon any one factor, but upon a number of factors working together.

sential plant-food elements.

make it every week, but go once.



THE SUNDAY SCHOOL LESSON NOVEMBER 7TH

Principles of Christian Living-St. Matt. 6: 1-7: 12. Golden Text, Matthew 6: 33.

It is the sincere and simple purpose and the coyotes would starve. But whole world is in a state of unrest and desire of the heart that God hon-nature has provided that some coy- and when the industrial and capitalors, and this conception of religious the prayer, the fast, are all best done for the coyotes.

Christian as expressed in this prayer! this good old globe of ours. Just that God's name may be honored and His will be done, and that we ourselves may be forgiven and kept from evil and have our daily bread. And how very different the elaborate, through the winter due to alternating complex, wordy and long-drawn-out prayers which we so often hear in the churches to-day!

that which is necessary for the main- surface. The slices themselves will walks have taken the place of make-Never try using last year's water- tenance of good life, for food and dry out, and when the season at which shift gravel, cinders, and unsightly glass solution for another lot of eggs. shelter and clothing for one's self and seeds can be planted does come, the board walks. Be sure and take your own cans or children, and the hoarding up of furrows can be covered with the For years, during the spring and bottles to the druggist when buying treasure upon which one's heart is crumbled, dry soil which is in excel- fall months, sticky clay mud made waterglass. It is better to furnish set. The former seems an impera- lent condition for seed sowing and life a season of cleaning indoors as

Earthenware jars are necessary to neglected in these extravagant days. the water caught through the winter; shod in any weather to stables, poulpreserve the eggs in the best condition. chief causes of social injustice and a sort of insurance against dry sum- try and log houses, garage, ice and The solution is made by using one discontent. We must distinguish also mer. Fall plowing will also help to smoke houses, etc. It is an improvepart waterglass to nine parts of water between the accumulation of wealth, control insects. Those that pass the ment? Just listen to the refrain of which has been boiled and cooked. A whether by individuals or by corpora- winter on the ground in crop rem- "Yes, Yes," from every member gallon of waterglass will make enough tions, which is at once invested in nants will be buried so deeply that of our family. solution to preserve fifty dozen eggs. productive enterprises such as make they can not work to the surface, and We began at the rear entrance by As a little speculation better than for the common good, and that ac- those that burrow into the ground to making a wide cement platform on oil stock we recommend putting down cumulation which either lies idle or is used merely for the gratification of escape outside temperatures will be which vehicles can be driven for unabout fifty dozen eggs now while they idle desires and the pursuit of useare worth around fifty cents per less pleasures. The warning is addozen. Sell them about Christmas time dressed to the poor as well as to the ity prove to the customer that they heaven, treasures of the unseen world, home" to see.

profit, less the cost of the solution and lamp of the body is the eye." The eye rows, sowing good seed and making only about an inch above the ground them out of the crocks. That's not the way we look upon and regard the much money, but there isn't much world in which we live. If the outlook are all good, but they do not fill the the grass along the edges. The front easy money in the business of pro- be clean and sound, if it be free from bill. Efficiency at its best means cement walk was previously in place, ducing food, and every dollar counts. unhealthy desire; and greed, and mere thinking right thoughts and doing winding slightly from the road en-A hen has a bodily temperature of self-seeking, the whole life will indeed right things; in being good and kind trance until it joins the cement porch A hen has a bodily temperature of be bright. But if the eye be filled and true and helpful to those that on either side. The siding of our need help. a thick coat of warm feathers. When just and selfish passion, the whole life

still air, her body generates enough Two Masters. The origin and exact heat to keep her feeling fine and the meaning of the word mammon is unfeathers keep the heat from leaving known. Augustine, an early Chris-A pretty and servicable walk on a air. This means that windbreaks are not render to God divided allegiance.

be the basis of our social order? or. Is it to be self or service? Is it to be the making of profit or gain, or is it to be the common good? The question becomes, simply, in the words of Jesus, "Is it to be mammon or God?" For the Christian in the home, society, commerce, manufacturing, trading, everywhere, there can be but the one Fertile land is the basis for all per- answer. The motive of gain or profit

The word "thought" in the English of improving plants and animals unless three or four hundred years ago often sufficient amount of food for the that there is no necessity for toil, for sowing and reaping and ingathering. Soil fertility may be defined as ea- but that with all this there should be pacity to produce growths of the simple trust in the goodness of the crops to which the soil and climate of heavenly Father, who feeds the birds

God first, to make Him supreme, to seek before all things to do His will. The chief of these factors are: suffi- Seek first the kingdem of God. The cient plant-food elements in an avail- best things in human life will come to able form, sufficient water to convey him who puts the kingdom of God these elements to the roots of the first. Not necessarily wealth, or plants, proper soil temperature, and worldly honor or success, or even long sufficient air in the soil to furnish life, but the best will be his. Christ's oxygen to the roots and to facilitate law, as interpreted by Paul, is that we necessary chemical changes in the soil.

Water in soils, except in irrigated is not revolution of material condisections, depends upon rainfall, but tions, it is not a new social order, elmay be conserved by correct amounts though that may come, that will make of organic matter and proper tillage peace and redeem humanity, but obedmethods. Therefore the chief duty of lence to this law, putting first things the farmer in maintaining soil fertif- first. Any system, any order, any ity is to see that the seil is kept sup- form of common life, becomes tolerplied with organic matter and the es- of God, when they make the law of love supreme. "Love worketh no ill to his neighbor, therefore love is the fulfilling of the law." God's will and month. If you have children try to love. His kingdom is the sovereignty and dominion of love.

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# Nature's Balance a Delicate

One. coyotes the coyotes would starve out disadvantages compared to the social and jack-rabbits would then become a and financial advantages of other oc-6: 1-18. Take Heed. Jesus would serious pest, as indeed they have in cupations but farm life gives one the have His followers sincere and modest. localities in which the coyote has been proper perspective for sizing up the He gives no approval or encourage- eterminated. If all coyotes could out- rest of the world. This fact was emment to loud profession of piety, or run all jack-rabbits, then the jack- phasized during the war and is even to ostentation or boasting in religion." rabbits would soon be exterminated, more apparent just now when the duty is always present in His teach- otes can outrun some jack-rabbits, so istic classes are carrying on their war ing. The kindly gift to one who needs, that there is always left some food of hatred.

doer himself hardly recognizes that balances between living things are to the entire business structure, a partial there is any merit in his act. Jesus be found in nature. The most inter- consequence of the war upheaval. In said, Let not thy left hand know what esting, and perhaps the most import- like manner the laboring man also has thy night hand doeth. He warns against the spirit and manner of the ant, is found in the work of the tiny his troubles in forcing the necessary hypocrites, the play-actors, the pre- organisms-bacteria, molds, etc.,— adjustment of wages to fit living costs. tenders, in religion and morality, of that cause decay. If the remains of The man-living independently on the whom there were not lacking ex- dead plants and animals did not de- farm, from the standpoint of comfort amples among the Pharisees of His cay, it would not be many centuries and contentment is probably having until all the carbonic acid gas in the less worry and trouble to-day than the The model prayer which Jesus gave atmosphere would be tied up in the worker in any other class. This is His disciples (6: 6-13) is short, simple remains of dead plants, and plant life because agriculture as a profession is and reverent. It begins with peti- would disappear for lack of its prin- on a more stable basis, year in and tions that due honor may be given to cipal source of nourishment. More year out, than any other profession. the name of God, and that His king-dom may come and His will be done among men, and continues then with the presentation of personal needs of which is obtained from the carbonic those who believe in established govdaily food and forgiveness of sins and acid gas in the air. Without plant life ernment with equal rights for all; and to be kept from temptation to evil. animal life would be impossible. Bac- those who believe in the destruction How very simple and necessary are teria, molds and other organisms of of government, and chaos. The sane, the desires and longings of the true deay are thus the basis of all life on fair, intelligent thought of Canadian

### Fall Plow the Garden.

freezing and thawing. The roughen- Our Mudless Home Walks. your own receptacle and save money. tive duty and even necessity, too much which will protect from evaporation well as out. Now we can walk dryturned up to freeze and perish.

The sky at sunset is a huge paiette was also extended into the corners at when quality eggs are high and scarce. rich-a serious and solemn warning upon which angel children are paint- the sides of the enclosed porch to Sell them for exactly what they are not to set the heart upon such trea- ing with their water colors, making make a dry place for temporary stor--waterglass eggs. And let the qual- sures, but rather upon treasures in pretty things for the folks "down ing of produce.

We hear a great deal in these days ing curves and angles to lessen walk-If Thine Eye Be Single. The Re- about efficient farmers. What makes ing and to make the effect attractive. vised Version renders correctly, "The farmers efficient? Turning good fur- The walks were built to a height of money hand over fist? These things level, so that a lawn mower will cut

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ISSUE No. 41-11.

### THE SANITY OF FARM LIFE

The opportunity for sane living and wholesome thinking offered to those who are fortunate enough to live in the open country is one of the worthwhile compensations of agriculture as If all jack-rabbits could outrun all an occupation. Farming may have its

The business man to-day is conin secret, and best done when the A thousand and one other delicate fronted with problems that threaten

farm people will do more than any other one thing to keep public sentiment on an even keel during this re-The exposed soil will crumble up construction period.

ed garden surface will catch and hold. The muddy season has now lost most more of the winter rains and snows of itsm uddiness around our home than would a smooth, beaten-down buildings, where permanent cement

loading and loading, leaving room on all sides for walking. This platform

From this cemnt platform the walks extend to the various uildings, formthat, together with our new walks. gives a substantial effect that affords a satisfying solace when our neighbors are using their paint brushes.

The expense of our walks was but little more than the cost of the cement. the work being done at times when the workmen were not needed for other farm work.

Cream Delight.

If you have tired of familiar candy receipts, make cream delight. It is delicious, and it contains only the purest ingredients. To make a large plateful you will need two cupfuls of sugar, one cupful of white corn syrup, one cupful of cream-or cream and milk mixed-and one cupful of nuts. Cook together all the ingredients, except the nuts, until you can string the mixture from a spoon. Set the saucepan in cold water until the contents crinkle when you tip the pan; then add the nuts and beat the whole with a perforated cake spoon until it is creamy. If the mixture cools before you have whipped it sufficiently, heat it slightly; then continue to whip it Finally, pour the candy into a buttered pan, let it cool and cut it into squares or slices.

# Profiteers.

If profiteering means taking all you can get and giving as little as possible, how about the man who reglects hisb uildings, who refuses to fertilize his fields, and who cuts his woodlot without making provision for the fu-

Put your farm machinery in sheds and fix it up in tip-top shape this winter. A shed will cost some more than formerly, but the advance to building materials generally has not been nearly so great as that on machinery.

Evenings are long and indoor occupations in order. Start a family reading circle. The tendency to sensation. al action and plot is robbing us of ou -Roofing and particulars of Free Phildren listen while someone real raloud from Dickens, Scott, Thecheray, THE HALLIDAY COMPANY, Ltd. Stevenson, even Carlyle and Me ey. Heve them take their turn al reading. They may miss much, but hey cannot fail to derive benefit from the careful writing.

