

Planning For Big Corn Yields Next autumn's corn yields will de ness of the job of fitting the land, ing, and cultivating the crop Under present conditions, corn grow ers will make the most profit who can duce at the least cost per bushel.

Extra thorough cultivation, in fitting the seed bed and during the early days of the growth of the corn plant, is effective in cutting the total cost of cultivation. The proper use of the disk, spike-tooth, and spring-tooth harrow in fitting the seed bed, conweeds much more cheaply than cultivating between the rows with the corn cultivator after the crop is plant-

The ideal soils for corn are fertile, well drained loams, silt loams, and loams, which are well supplied with organic matter.

There is great advantage in plant-There is great advantage in plant-ing fairly early in the season. Early hoppers during the winter when the May plantings in southern Ontario, hens cannot find their own grit on the nid-May plantings farther north, should be the rule. While occasionally early plantings may be caught by dog without teeth. Charcoal is a help a late spring frost, replantings can be most sure to be caught by early frost straw litter helps to keep hens heal-in the fall before they fully mature. thy. In the winter the birds will be

be prepared on sod land, which has grain without scratching and then been manured, and fall-plowed to a good depth of seven or nine inches. to a depth of seven inches. Where plowing for corn is done at a late date, particular attention is necessary in birds have watery eyes. Colds lead to properly fitting the land. It is not roup and that is difficult to cure. So enough to merely plow, harrow the isolate the bird with a cold. Rub the land, and plant, but late plowing should be followed by thoroughly the head in a solution of one of the compacting with the roller or culti- coal-tar disinfectants. Color the drinkpacker, and frequent harrowings with spring-tooth or spike-tooth harrow.

Fall-plowed land can be best fitted colds.

for corn by discing in early spring and tage of moisture and available niplanting.

Acid phosphate gives a paying return with the corn crop, by increasing the weight of yield and hastening the maturity of the crop. The use of from two hundred to three hundred pounds of sixteen per cent. acid phosphate gives distinctly noticeable results on nearly all Ontario corn soils. A more firmly matured, and a heavier yield ing crop almost invariably results Should a short season follow, an application of phosphate is effective in bringing through a well-ripened crop of corn.

Phosphate. to the amount of from two hundred to three hundred pounds, may be applied at the time of fitting tion be practiced in order to lessen th production cost per bushel.

Keeping Your Chickens Healthy. Preventing poultry diseases is much more satisfactory than trying to cure them. This prevention is accomplished by keeping the poultry house clean and feeding balanced rations to keep the hens vigorous. Breeding from the hens vigorous. Breeding from strong thrifty birds help to produc vigorous chicks that are less suscep tible to disease.

If the poultry house is free from draughts and dampness it will be a great help in keeping chickens heal-thy. When a bird is sick it should be

isolated at once to prevent the infec. tion of other members of the flock. A small brood coop is handy as an isolation hospital.

Plenty of grit is a help in keeping birds healthy. It must be supplied in range. Grit grinds the food and without it a hen is rather helpless, like a in preventing digestible troubles made, but late-planted crops are al- Plenty of exercise scratching in a An ideal seed bed for corn can best chilled and dumpy if they eat all their hump up in the corners of the house When they scratch for their grain

manured and plowed in early spring they will sing and make the straw fly and it will help them to lay eggs. Colds show their presence when the

head with camphorated vaseline or dip

ing water deep red with permanganate of potassium to prevent the colds from Seed corn starts best on seed beds spreading through the flock. Birds which are well packed at the bottom that are kept in the house on raw of the furrow slice, with the surface windy days and fed a balanced ration worked into a condition of good tilth. are apt to have little trouble with

Digestive troubles cause many lossharrowing at intervals of a week or ten days until planting time. Fall- by feeding clean healthy food. Wash plowed-land carries a higher percent the drinking dishes and sour milk hay-mow. Well designed cupolas will and in his third year of high school trates, which start the seed off most Corn cobs are fine for scrubbing vigorously, and opportunity is offered brushes for the poultry dishes. They appearance of the building and cer-for a thorough fitting and earlier will loosen and help remove all the tairdy are of sufficient value as insurgummy accumulations. Fresh clean ance

The Sunday School Lesson MAY 15.

Working With Others. 1 Cor. 12: 4-27; St. John 6: 1-14. Golden Text-1 Cor. 12: 27.

1 Cor. 12: 4-13. Diversities of Gifts. own good. It is the law of love. The mental and spiritual gifts as were is a disturbing member of the com-used in the ordinary services and ministries of the church, but what he says has a wider application to and not good. He does not know and the work of life in which men share. Paul says, first of all, that, what-ever the cift of work may he it is.

may be applied at the time of fitting the seed bed by fertilizer drail or through fertilizer attachment on the ordinary grain drill or it may be two address of the body of Christ. Ispired and directed by the same ordinary grain drill or it may be troe work is sacred. So, in the teach-awagon bed. Not more than one hun-dred pounds per acre should be ap-plied at time of planting corn through fertilizer attachment, since a too large application in the row tends to cause to correstration of more the set be and the cord be applicated to the tends of a cortext and the tends of a certain workman that the to cortext and the tends of a certain workman that the fertilizer attachment, since a too large application in the row tends to cause

water is a help in preventing digestive if dirty water Plenty of green feed at all seasons s a tonic for the birds. In the winter t must be furnished to them. The ebt of the year they will gather green eed themselves if given plenty of feed them

Shade on the range is a factor keeping hens healthy. This can be provided by placing the house in an orchard or near an evergreen wind-

spherries form a dense break growth of canes which will furnish Sunflowers and corn fields a shady range. Exposure to make the hot sun without protection he to reduce the vigor of the hens and make them more susceptible to many diseases.

Spraying for Cabbage Worm.

The quickest and most practical method of getting rid of cabbage and protecting the crop from worms further attack is to spray the plants with a poison solution. Make a fairly strong scapsuds and add one table-spoonful of powdered arsenate of lead,

form is used, to each gallon of suds Mix the solution thoroughly and apply it with a sprayer. A whisk broom or a wisp of grass may be used for applying the liquid if a spraying is not at hand. On a large-scale pr duction however, a sprayer should be used Water tends to run off the cabbas eaves, but the soapsuds make the solution stick to the foliage. In rainy easons the application should be re peated to maintain a thin, whitish coat of poison on the leaves Spray both the top and the bottom sides of the leaves if possible.

If arsenate of lead is not available paris green can be used, with a hand-ful of slaked lime added to each gallon of poison solution to counteract burn ing.

Ventilate the Hay Mow.

A great majority of the fires that A great majority of the first stated of instatue, tens that even the state of the first s is put into a tight mow, especially if the hay be not fully cured, it will go tha ugh a heating process-gase will be formed and sufficient heat gen

a fire It is a simple matter to ventilate

These cupolas also add to the ney. against fire to justify their cost.

we had a quiet talk and I told him I this is the biggest thing on the farm -the human product, and of the hu-man product "that boy" forms one of the chiefest assets. him on his own ground. So I in-stinctively and gradually took, to teaching right because it was right; that society was based on the moral-ity of its people; that we surely reap, even in this life, what we sow. Even The late Henry Wallace said: "Do you know that the biggest thing in life, whether in the city or country, is to be just a fine human being, interested in all things that interest or should interest all human beings?"

Guiding Him Safely by the Crossroads of Youth.

By BEATRICE BRACE.

spoken until several days after, when we had a quiet talk and I told him I

One evening when he was nineteen

ture show and, as was my usual cus-tom, I was sitting up until he came

nome. "I had always done this, and

en he had been to some gathering

this night he didn't com

nlan

some of our chummiest times had be

and came home and told me all about

Eleven o'clock came and he didn't come. Twelve o'clock came-where

could he be? It wasn't like him, fo

he called up and told me so, for he knew I would be waiting for him.

The hands of the clock slowly drag-ed round to one-thirty when his

quick step finally sounded on the walk

I just looked up at him mutely whe

ne opened the door and came in. My

then. He gathered me up in his arm

and gave me one or two quick kisses

The next day when we were quietly

talking it over he said: 'No matter

where I go or what I do, Mother mine

way back in my subconscious mind I

am thinking of you, and something

He Is Making Good.

The final outcome? "Did he go to the dogs?" No. That fall he went

to college, and two years later he was

and soon after he accepted a hundred-

graduated from a university course

dollar-a-month position with chance

of steady advancement, and he is

He has fixed ideals and the firm be-

keeps me from going very far wrong.

was far too full for words just

usually if he made some other

ed round to one-thirty wh

it: I enjoyed it as much as he did.

But

heart

hould interest all human beings?" Next to the girl, "that boy" is the nost precious possessien we have, and t pays to put our best into the human product and, second hest, if need he interested in I was interested in. Then most precious possession we have, and it pays to put our best into the human product and, second best, if need be, into the live stock and soil. when it came to things that were really vital my influence counted.

Don't think because the boy has quit school that the end has come. Many great men have had little or no educa tion, and all life is a school. And don't think that feeding the slot machine and games of chance are sure roads to the devil. Rather refuse to believe there is a devil or to yield those boys to his influence

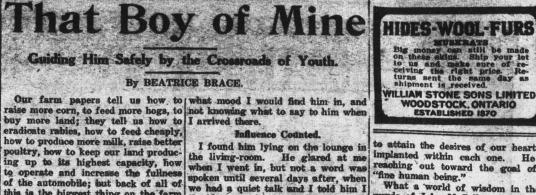
We can't mold everyone in the same cast, not even if they are brothers and sisters, and if you have found it impossible to interest your boy on the farm, then let him try something else But before you give up the idea of interesting him in the farm, see if you are going about it in the right way. Many a boy who rebels against the drudgery of weeding and plowing and planting and digging will do twice as much with good grace if his father makes him a partner in the farm firm The boy mu t be given an opportunity to try out his pet schemes, too, even when sometimes the riper experience of his father tells him that he is make and went to his room.

stay on the farm. The Boy's Viewpoint. If you can't get him to see things

from your point of view, then you see it from his, and don't arouse a spirit of antagonism. One day when youngest boy was seventeen years old he came home and, throwing himself down in a chair, said, with a force and finality I knew was useless to argue against: "Mother, I'm not going to school any more. I'm going to little of the world before I die." I'm going to see a

making good. I had seen it coming for a long time, but seemed powerless to prevent lief that he can attain them; that it, so I just said: "Well, if that is the every earnest hope and longing is posway you feel, you might as well not go; but I'm afraid you'll be sorry, Little Boy." So he went to work in a store in the near-by town, and it really proved a blessing in disguise, for a financial crisis came up, and instead of "seeing the world," he helped tide us through. A year later he went back to high school, taking six sub jects in order to make up the lost time, and was graduated that year. Unusual boy? Indeed, no! When

he was about fourteen it so happened that the school that he attended was in session only half a day for the whole term, and he was in the habit of getting home about one o'clock. For several days he hadn't come until three or four, and I mistrusted he was spending his time and the small al lowance we gave him in a pool hall. one day I dressed and v



to attain the desires of our heart is implanted within each one. He is reaching out toward the goal of a "fine human being."

What a world of wisdom in those words of John McCallum in "Happi-ness Incorporated," "Out of the fullness of my anxiety grew the satisfacbory solution"!

But we can't stand aloft on a pede-stal and steer our boy into the gates of heaven. We must go every step of the journey with him, wrapping him in a love that breeds sympathy and understanding rather than an irresponsible indulgence, and listen often to that "still small voice" that alone gives the wisdom that is "wise as a serpent and harmless as a dove." Don't try to mold him in the plaster

cast of another's individuality; instead, wisely guide and direct his own into the right channels.

the year he was graduated from high school, he had gone into town to a pic-Get your boy's viewpoint. Ninety-nine times cut of a hundred there is no thought of evil in his heart or mind, and Shakespeare says: "There is nothing either good or bad, but thinking makes it so."

Controlling Grasshoppers.

If each and every farmer in the districts affected by grasshoppers will put three hen turkeys on his farm and then hatch and raise their young, the oppers will soon disappear.

Turkeys do not destroy crops as some suppose, at least where there are plenty of bugs or insects for them. They will hunt the bugs and eat them efore touching the grain. Even if the turkeys lived on the grain they would eat less than the gra sshoppers, which the turkeys eat would destroy. Last year the grasshoppers made away with all my seeding and nearly all the crops in the vicinity.

It is also a mistaken idea that the turkey tramples down much of the grain through which it wanders. They wend their way slowly between the drill rows of grain and pick every hopper that hops.-K. E. W.

Much thought is now being given to the farm boy, and no better subject can be considered. Great concern is shown over the fact that the boys are leaving the farm. Get the boys inter-ested in the farm, and he will wish to stay there. Make the work agreeable and interest him in making improvements. New things appeal to a boy more keenly than to a man. Men often every earnest hope and longing is pos-sible of fulfillment; that the power when unquestionably to better things.



erated to cause combusion and start

crocks occasionally with boiling water. draw the warm air up as does a chim-

two table spoonfuls if the pas

should be carefully graded to a uniform size, and the planter plates carefully adjusted to the size of kernel. so as to give a high percentage of uni-form drop.

fully adjusted to the size of kernel, so as to give a high percentage of uni-form drop. For grain purposes from four to five quarts per acre is sufficient and for silage from four to eight quarts are used. The depth of planting varies with the soil. On well-drained loams from one and a half to two and a half fully recognized that all men are not heavy clay or clay loams, one to two inches is sufficient. It is an excellent planting, with a spike-tooth harrow with teeth sat slanting slightly backward. The har-row may be employed until the corn plants are above the ground, when gin. It is particularly important that siage corn be planted as early in the season as possible for heaviest toon mage of the most nutritious feed y most feeders to make the best sli-dism in the body, but the suffer, if one At this time when crony varieties are.

rance, Another type in the beating in the broudest and incompared of the most nutritious feed per acre. At this time when crop varieties are apparently turning toward a pra-war of the most dependable crops to grow, of the most dependable crops to grow. The desine of the desire of each for the desire of the desire of each for the desire of the desine of the desire of the desine

The gifts of which the prophet speaks are those of wisdom, knowl-edge, faith, healing, miracles, proph-ecy, insight, speaking with and inter-preting tongues. These he compares to the members of the body, working harmoniously together. They who possess and exercise them in the church are members of the body of Christ Christ.

same spirit of God. In particular it contribution and the multitudes were application in the row tends to cause is said of a certain workman that the fact more transmut, spirit of God, in Lord had called him by name, and has it will be nadcasted applications encourage the roots to forage widely and enable the corn crop to better withstand summer drought. Manure and phose man ship." (Exod. 35: 30-36: 4). So one of the most interesting writers in the babit of the great war (Sapper, in No Man's congregating, many of them, in fact most of the cause—for the good of the cause—for the benefit. No longer do individual pawns strug- resting to the god, in the pole that self to the very maximum of speaks are those of wisdom, knowl- is preating to go. These he compares to the members of the body, working the maximum, places it at the dis.

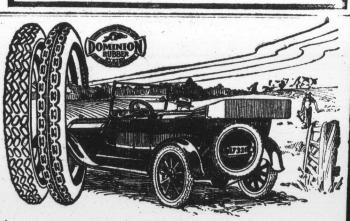
developing his own particular gift to the maximum, places it at the dis-posal of the community who helped him in his development." Must we not was there. He said, "Yes, I believe preserve that fine spirit and that dis-he is." I stepped up to the widehe is." I stepped up to the wide preserve that the spirit and that dis-cipline of hand and head and heart in days of peace? The duty is the same. God calls to a higher and even more stremuous task. Let us learn to live and labor together. curtained dooway and looked in. There he was with several other boys so deeply engrossed in knocking those innocent-looking balls about that he

never once looked up. My heart stopped beating! The end of the world had come! My boy was on the road to the devil.

But the thought with all its sicken ing despair no sooner came than I knew I would never yield him to that influence. With an inward prayer that I might be "wise as a serpent and harmless as a dove" I drew aside the curtain and walked up to him and stood at his side before he ever saw

When he did, his face went white half with anger and half with morti-fication, and he stood looking down at me. But he was game, and taking me by the arm marched out with me with head high. Not a word was spoken, but as soon as we were outside he swiftly turned and left me to a most sickening tumult of doubts and fears as to whether my course had been a wise one. He was sensitive, highstrung, inordinately proud, and more than a little self-willed. Had I been

"wise as a serpent and harmless as a dove?" I didn't know. Breathing another prayer for guidance, I hurried home, not knowing ing. He buys in large quantities, secures lowest freight rates and can sell to you cheaper than anyone else.



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