

EFFICIENT FARMING

Planning For Big Corn Yields.
Next autumn's corn yields will depend very largely on the thoroughness of the job of fitting the land, planting, and cultivating the crop. Under present conditions, corn growers will make the most profit who can produce at the least 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.

Planting Corn in the Spring.
If the poultry house is free from draughts and dampness it will be a great help in keeping chickens healthy. When a bird is sick it should be isolated at once to prevent the infection of other members of the flock.

Planting Corn in the Spring.
Plenty of grit is a help in keeping birds healthy. It must be supplied in hoppers during the winter when the hens cannot find their own grit on the range. Grit grinds the food and without it a hen is rather helpless, like a dog without teeth.

Planting Corn in the Spring.
Colds show their presence when the birds have watery eyes. Colds lead to roup and that is difficult to cure. So isolate the bird with a cold. Rub the head with camphorated vaseline or dip the head in a solution of one of the coal-tar disinfectants.

Planting Corn in the Spring.
Digestive troubles cause many losses, but they can largely be prevented by feeding clean healthy food. Wash the drinking dishes and sour milk crocks occasionally with boiling water.

Planting Corn in the Spring.
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.

Planting Corn in the Spring.
A good stand of corn is necessary for good yields. The practice of cultivating empty hills in the row is costly and greatly lessens profit.

Planting Corn in the Spring.
It is an excellent practice to harrow immediately after planting, with a spike-tooth harrow with teeth set slanting slightly backward. The harrow may be employed until the corn plants are above the ground, when cultivation with cultivator should begin.

Planting Corn in the Spring.
It is particularly important that silage corn be planted as early in the season as possible for heaviest tonnage of the most nutritious feed.

Planting Corn in the Spring.
The ideal soils for corn are fertile, well drained loams, silt loams, and clay loams, which are well supplied with organic matter.

Planting Corn in the Spring.
There is great advantage in planting fairly early in the season. Early May plantings in southern Ontario, and mid-May plantings farther north, should be the rule.

Planting Corn in the Spring.
An ideal seed bed for corn can best be prepared on sod land, which has been manured, and fall-plowed to a good depth of seven or nine inches, or manured and plowed in early spring to a depth of seven inches.

Planting Corn in the Spring.
Seed corn starts best on seed beds which are well packed at the bottom of the furrow slice, with the surface worked into a condition of good tilth.

Planting Corn in the Spring.
Fall-plowed land can be best fitted for corn by discing in early spring and harrowing at intervals of a week or ten days until planting time.

Planting Corn in the Spring.
Fall-plowed land carries a higher percentage of moisture and available nitrates, which start the seed off most vigorously, and opportunity is offered for a thorough fitting and earlier planting.

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water is a help in preventing digestive troubles. Keep the water dishes clean, even if hens do sometimes seem to like dirty water.

Planting Corn in the Spring.
Plenty of green feed at all seasons is a tonic for the birds. In the winter it must be furnished to them. The rest of the year they will gather green feed themselves if given plenty of range.

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

Planting Corn in the Spring.
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?"

Planting Corn in the Spring.
Next to the girl, "that boy" is the 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.

Planting Corn in the Spring.
Don't think because the boy has quit school that the end has come. Many great men have had little or no education, and all life is a school.

Planting Corn in the Spring.
But before you give up the idea of interesting him in the farm, see if you are going about it in the right way.

Planting Corn in the Spring.
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.

Planting Corn in the Spring.
The boy must be given an opportunity to try out his pet schemes, too, even when sometimes the ripper experience of his father tells him that he is making a mistake.

Planting Corn in the Spring.
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.

Planting Corn in the Spring.
I had seen it coming for a long time, but seemed powerless to prevent it, so I just said: "Well, if that is the way you feel, you might as well not go; but I'm afraid you'll be sorry, Little Boy."

Planting Corn in the Spring.
Well, when I finally stopped in front of the pool hall my heart sank, but I took a deep breath, mustered up all the courage I possessed, and went in.

Planting Corn in the Spring.
My heart stopped beating! The end of the world had come! My boy was on the road to the devil.

Planting Corn in the Spring.
But the thought with all its sickening despair no sooner came than I knew I would never yield him to that influence.

That Boy of Mine

Guiding Him Safely by the Crossroads of Youth.
By BEATRICE BRACE.

Our farm papers tell us how to raise more corn, to feed more hogs, to buy more land; they tell us how to eradicate rabies, how to feed cheaply, how to produce more milk, raise better poultry, how to keep our land producing up to its highest capacity, how to operate and increase the fullness of the automobile; but back of all of this is the biggest thing on the farm—the human product, and of the human product "that boy" forms one of the chiefest assets.

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?"

Next to the girl, "that boy" is the 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.

Don't think because the boy has quit school that the end has come. Many great men have had little or no education, and all life is a school.

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 must be given an opportunity to try out his pet schemes, too, even when sometimes the ripper experience of his father tells him that he is making a mistake.

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.

I had seen it coming for a long time, but seemed powerless to prevent it, so I just said: "Well, if that is the way you feel, you might as well not go; but I'm afraid you'll be sorry, Little Boy."

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what mood I would find him in, and not knowing what to say to him when I arrived there.

Influence Counted.
I found him lying on the lounge in the living-room. He glared at me when I went in, but not a word was spoken until several days after, when we had a quiet talk and I told him I would repeat it if it occurred again, but I knew that my influence in the future, as in the past, lay in meeting him on his own ground.

One evening when he was nineteen, the year he was graduated from high school, he had gone into town to a picture show and, as was my usual custom, I was sitting up until he came home. I had always done this, and some of our chummiest times had been when he had been to some gathering and come home and told me all about it; I enjoyed it as much as he did.

But this night he didn't come. Eleven o'clock came and he didn't come. Twelve o'clock came—where could he be? It wasn't like him, for usually if he made some other plan he called up and told me so, for he knew I would be waiting for him.

The hands of the clock slowly dragged round to one-thirty when his quick step finally sounded on the walk outside.

I just looked up at him mutely when he opened the door and came in. My heart was far too full for words just then. He gathered me up in his arms and gave me one or two quick kisses and went to his room.

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 keeps me from going very far wrong."

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 graduated from a university course, and soon after he accepted a hundred-dollar-a-month position with chance of steady advancement, and he is making good.

He has fixed ideals and the firm belief that he can attain them; that every earnest hope and longing is possible of fulfillment; that the power

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 "Happiness Incorporated," "Out of the fullness of my anxiety grew the satisfactory solution!"

But we can't stand aloft on a pedestal 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.

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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 hoppers 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 before touching the grain. Even if the turkeys lived on the grain they would eat less than the grasshoppers, 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 weed 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 interested 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 are too slow in adopting changes, even when unquestionably to better things.

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.
The apostle is writing about such mental and spiritual gifts as were used in the ordinary services and ministries of the church, but what he says has a wider application to all the work of life in which men share.

Paul says, first of all, that whatever the gift of work may be, it is inspired and directed by the same spirit. All gifts are consecrated; all true work is sacred. So, in the teaching of the Old Testament, the prophet, the priest, the statesman, the lawgiver, the king, the soldier, the skillful workman—all are recipients of the same spirit of God.

In particular it is said of a certain workman that the Lord had called him by name, and had filled him with the spirit of God, in wisdom, in understanding, and in knowledge, and in all manner of workman ship." (Exod. 35: 30-36: 4). So should it be with all who labor, whether with head or hand, for their own common good, and so it will be where life is offered in whole-hearted service to God and man.

The gifts of which the prophet speaks are those of wisdom, knowledge, faith, healing, miracles, prophecy, insight, speaking with and interpreting 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.

own good. It is the law of love. The man who is not governed by this law is a disturbing member of the community. He is a source of weakness and not of strength. He does harm and does not good. He does not know and does not feel his high place and duty as a member of the body of Christ.

John 6: 1-14. Five Barley Loaves and Two Small Fishes.
The lad might have refused to give up his lunch basket and might have eaten his cakes and fishes alone, but if he had this great story of the feeding of the multitudes might never have been told. He did not refuse. He made his small contribution and the multitudes were fed. One of the greatest honors, because he was willing to share with others.

One of the most interesting writers of the great war (Sapper, in No Man's Land) says of the disciplined army: "Self no longer rules; self is sunk for the good of the cause—for the good of the community. And the community, realizing that fact, endeavors, by every means in its power, to develop that self to the very maximum of which it is capable, knowing that, in due course, it will reap the benefit. No longer do individual pawns struggle one against the other, but each, developing his own particular gift to the maximum, places it at the disposal of the community who helped him in his development." Must we not preserve that fine spirit and that discipline of hand and head and heart in days of peace? The duty is the same. God calls to a higher and even more strenuous task. Let us learn to live and labor together.

It is an interesting question whether or not competition in business or labor is incompatible with co-operation. May it not be a useful, even a necessary aid to the most perfect and fruitful co-operation? May we not believe in the possibility of, and strive to produce a friendly rivalry in all good work, freely granting honors and prizes to the winner, each and all rejoicing in and profiting by his success?

Application.
A gardener was explaining to us recently the process of grafting. This has become quite a science among the growers of flowers. It is done to secure, as far as possible, a combination of excellent qualities. One flower has a delightful appearance, but no fragrance. Another type has a sweet fragrance, but is distinctly lacking in beauty. Others, which possess much beauty and fragrance, are so fragile that they are of little value. Then the gardener seeks to secure by the process of grafting a combination of these qualities. He unites beauty and fragrance with strength. No man in himself has all the qualities essential for a strong church, but by being himself he can contribute his best to the "Household of Faith."

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