

Dy Agronomist.

This Department is for the use of our farm readers who want the advice an expert on any question regarding soil, seed, crops, etc. If your question of sufficient general interest, it will be answered through this column. If imped and addressed envelope is enclosed with your letter, a complete swer will be mailed to you. Address Agronomist, care-of Wilson Publishing , Ltd., 73 Adelaide St. W., Toronto.

Nothing is to be gained by planting the bush beans outdoors too early, as they are very tender and one light frost may either kill or retard them more then are the more than a state of the plants. Work them when the crust forms after rains, and at all times when necessary to keep down the weeds.

Parsnip a Valuable Food frost may either kill or retard them more than a week or more's later planting. Of course, if you are equipped to cover or otherwise protect them and are sure to attend to it, you can get an earlier crop by taking some risk. But, in any case, it will set the wite to alter the ground th not be wise to plant until the ground is warm and the weather somewhat settled, as beans planted in cold or soggy soil are likely to rot in the

The Various Varieties

Beans naturally divide themselves in the following classes: The dwarf green and yellowpodded, the dwarf shell beans, which are matured, and beans shelled out for winter use; the tall, or pole, green and yellow podded, tall shell beans for winter. Few persons grow any of the shell beans in small home gardens, and we will not further consider them here.

For beans the soil should be rich picking time they should have quick and continuous growth, and this is best assured when they are planted best assured when they are planted in a warm, rich, porous soil, well-drained and given plenty of water. Well-rotted manure, dug into the trench, is best; and the soil should be made fine with the shovel when digging and finished with the rake.

Beans are planted in two genera ways: In hills and in furrows or drills. Cleaner cultivation can be given by the hill system, but more can be the hill system, but more can be grown in the same space of garden by the drill plan.

to the plants. Work them when the

As a solid dinner vegetable the parsnip is welcomed on the tables of which it can be served.

It is the suggestions and the served.

which it can be served.

It is the sugar content which makes the parsnip so valuable as a food. It is heavy with sugar, and it is to get into it so much of this valuable quality that we see that the transfer of the server. that we give it the very best soil and

cultivation.

A great deal of the value of the parsnip also lies in its good keeping qualities. It may be taken qualities. It may be taken up in the fall and stored in pits, or cool cellars in sand, or it can be allowed to remain in the open ground over winter, which will improve its flavor and make a good vegetable for use in the party entire when such are seen to the control of the c early spring when such are scarce.

As they are an all-season vegetable, they can be planted eighteen inches apart, and the space between intercropped with radishes, lettuce and other smaller veetablges. Best results will be obtained by dig-

ging into the soil as much well-rotted manure as it will take, using it in the trench in preference to spreading it on top. As is the case with all large-growing root crops, the soil should be made porous and mellow, so that the roots can grow and expand easily.

Parsnip seed is of rather easy ger mination, on which account it should not be covered more than a half inch

be fed whole misk until they are one month old, when they should be changed to skim milk. They should be fed skim milk until they are size There can be no successful dairy-There can be no successful dairying which does not rest upon an appreciation of the fact that a cow is
first of all a mother. A cow's ability
to bring forth strong and vigorous
offspring and to provide abundantly
for the nourishment of such is the
corner stone of the dairy business. months old. While they are on milk they should be given some grain and alfalfa hay.

A good mixture for grain feed is

four parts of corn chop, one part of oil meal, and two parts of wheat bran. After taking the calf off the milk, increase the grain gradually to two pounds a day in addition to silage and alfalfa hay.

The heifers should be bred so as to There are those who call the cow a machine, who figure painstakingly the mount of foodstuffs she should have

about their business upon the basis that, as in the case of other machines, production is simply a matter of how much raw material can be turned in a given time into finished calve when from twenty-four to thirty

Donald Smith of Red Deer receiv

"holds up her milk" or gives a lessened quantity. It is not without reason that Swiss peasants sing or yodel softly to their cows at milking time. Like produces like, and to get good crops without planting good seed is next to impossible.

## GOOD HEALTH QUESTION BOX

5 Po Dairy 3

to produce her utmost, and who go

product.

the blood current in the arteries exerts against their wall under the in-

like those of the brain we have

necessary to be skillful in determining it.

It means the degree of force which

It means the degree of force which

With its shows the necessity of keeping track of the arteries for when they become unusually hard or unusually soft the condition becomes one

erts against their wall under the influence of the contractile force of the heart muscle.

It is measured by the height of a column of mercury in a coulumn of mercury in a co

By Andrew F. Currier, M. D. Dr. Currier will answer all signed letters pertaining to Health. If your question is of general interest it will be answered through these columns; if not it will be answered personally, if stamped, addressed envelope is enclosed. Dr. Currier will not prescribe for individual cases or make diagnoses. Address Dr. Andrew F. Currier, care of Wilson Publishing Co., 73 Adelaide St. West, Toronto.

Blood pressure is an important subject, insurance companies lay stress upon it and doctors who keep abreast of the progress of the times find it.

All this shows the necessity of keep-limits of the progress of the times find it.

All this shows the necessity of keep-limits of the progress of the times find it.

## **MOTHER-WISDOM**

Some of the Reasons Why Our Children Ought to Play

are not entered into from the same motives or followed in the same spirit. A grown-up seeks a good time for the sake of recovering from the fatigue of work and of forgetting worries; a child is not conscious of any motives, for his play is instinctive but the purpose of nature in making him play is to educate him.

It is, of course, unjust to the cow to call her a machine. Machines do not possess nerves, whereas a cow has an intricate system of them. And the relation between this system and the milk pail is so intimate that any condition which affects the cow's nervous system reacts at once upon the milk-producing system. An undue disturbance of normal, tranquil conditions diverts the blood supply from the milk glands and the cow either "holds up her milk" or gives a lessened quantity. It is not without realized to the cow without realized the constant of the deducates himself to realize it and have it constantly in mind. A child educates himself to realize it and have it constantly in mind. A child educate hims.

This difference is so important and the every mother ought to realize it and have it constantly in mind. A child educate himself for some fine deducate himself to realize it and have it constantly in mind. A child educate him.

This difference is so important and the educate h

By Helen Johnson Keyes

Have you ever noticed how hard at work children seem to be when they are playing? They do not act in the way men and women do who are being amused at a concert or a social.

The play of children and the recreation of grown-ups are absolutely different the one from the other. They are not entered into from the same motives or followed in the same spirit.

By Helen Johnson Keyes
that was slow, hesitating, undecided?
Not often, I think, for play is born of thoughts that are winged and which transform themselves instantly into acts. From the infantile game of puss in the corner right through high-stool sports a good judgment put into swift execution is what wins. Is

once about as much intelligence as they ever have—is in order that they shall have a long educational course of play to prepare them for the very great difficulties of adult human life.

We parents must realize, then, that if we do not give our youngsters opportunities to play, we are making cripples of them, sending them out into manhood and womanhood lame, blind and deaf as it were, unable to march in the ranks of success, unable to see life and people as they truly are or to understand the demands which the world makes upon us.

What are some of the lessons, valuable in after life, which play teaches to children?

(1) Italia What take heir to alway failure and misery?

(4) Courage. Very young children whimper over the bumps they get in play, quarrel over their bad luck in games and brag of their successes. By the time the fourth or fifth grade is reached, however, no more of that cowardly or boastful manner is tolerated. The youngsters have learned, through playing, to take the bumps and blows in silence and to abide by the laws of the game and the decisions of the umpire.

They began in the days of their litte childhood as soreheads but play has made them honorable sportsmen. Did you ever see success come to a grown-up sorehead? I never have.

to children?

(1) Justice. When tots begin to play together each one seeks to grab for himself the most attractive toys. Gradually, however, the necessity of sharing is impressed upon the little brains. By and by the age of games comes and then this lesson is repeated. Finally, those great sports, baseball, football, basketball, are entered into which teach, with a power which no sermon can ever see success come to a grown-up sorchead? I never have. The spirit which wins in life is the spirit of sportemanship—courage to get hurt, if necessary, for a good does not play may learn this lesson too late to take his place honorably when he plays in the great game of life.

The country offers every opportunity.







