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

along.

Alvays nave in mind some "rainy-day" jobs. If you can't remember them, put them down in a bosh. An hour spent in tightening up or repairing a machine may save a tenhour day if it breaks down in the field. An inside job of grinding or field. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grinding or the best way to conserve soil moistified. An inside job of grind Militate of soda is preferable to seven tens a number, when on the same and the seven tens a number of when his as worth \$2 a number of seven tens a number of seven tens a number of when his as worth \$2 a number of seven tens a number of seven tens a number of when his as worth twenty-one cents a number of the number of the number of seven tens a number of when his as worth \$2 a number of seven tens a number of when his as worth twenty-one cents a number of the number of the number of seven tens a number of when his as worth twenty-one cents a number of the number of the number of seven tens a number of when his as worth \$2 a number of seven tens a number of when his as worth \$2 a number of seven tens a number of when his as worth twenty-one cents a number of the number

when it rains.

As far as possible, the man-power you employ should be cut down by machinery. A gang plow and six horses and one driver will do just as much in a day as two sulkies with three horses and a driver each. You could just as well save the cost of that one man. Two two-row cultiva.

Breating of to the man-power when it regularly and remove all rotted fruit and sickly plants and destroy them by burning the horses and a driver each. You could just as well save the cost of that one man. Two two-row cultiva.

Breating of to the man-power when it rains.

When cereal grains are worth \$1 if not, their sense of justice is liable to be greatly stirred and what might then they should be the man becomes a club to drive them from it.

In his struggle against weeds a farmer is more likely to be successful in his efforts if he understands that one man. Two two-row cultiva.

Breating of the man-power when it regularly and remove all rotted fruit and sickly plants and destroy them by burning against weeds a farmer is more likely to be successful in his efforts if he understands. could just as well save the cost of that one man. Two two-row cultivators will efficiently cover as much ground as four one-row machines, and men and two horses. Your overhead

with some nitrogenous reed such with such wi Keep in check the various insects at work on the plants. This may be and other cereal grains nine pounds at work on the plants. This may be and other cereal grains nine pounds at work of the work a grain do ther cereal grains nine pounds and other cereal grains nine pounds and other cereal grain

then and two horses. Your overhead reduced in proportion to the size franchine one man can handle.

Many farmers saved labor last fall that direction.

The diseased of these prescriptions and how those already there spread from one part of the farm to another. Weeds may gain entrance to the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter of the farm or be dispersed over a widter or the farm or be dispersed over a widter or the farm of the farm or be dispersed over a widter or the farm of the farm of the farm of the farm or the farm or be dispersed over a widter or the farm of the farm of the farm or the farm or be dispersed over a widter or the farm of the farm or the fa

Most farmers would say offhand that a feal grows a little faster if the mare and the foal run in the pasture all summer. In practice, however, it is found that the foals of work mares often outgrow those of the idle mares. The work mare's foal is given better care, and that is probably the secret, as the foal that runs out all the time is apt to be neglected. It usually gets no grain until about weaking time. We keep horses for the work they do. We know the horses that do the farm work can also reproduce, and thus replace themselves and supply a surplus of horse-power for sale. If one farmer manages it successfully, so can another.

We will eventually weed out the mares and the families of mares that prove to be shy breeders when subjected to the constant and strenuous exercise which farm work imposes, ontain weel seeds in greater or less amount, which are sown with the useful seeds and thus the weeds may, also reproduce, and thus replace full seeds and thus the weeds of all kinds—a c nation of the interaction of the intera

exercise which farm work imposes. It usually gets no grain until about weaning time or afterward, and it is exposed to the darly torment of blood-sucking flies.

On the other hand, the work mare's foal is generally shut up in a partially darkened box stall by day, so as to be handy for suckling the mare at noon, and for the further reason of keeping it from trying to reach the mare.

The dark stall keeps the flies away. At night the mare and foal are turned tegether in the pasture, where the youngster runs and plays, and thus gets the necessary exercise. The work mare's foal is also handy at the barn three times a day when the other horses are fed, and at naturally confes

THE CHEERFUL CHERUB

her foal with the greater flow of milk but the practical outcome is that her foal frequently does not grow so fast My real self must be When I looked in the glass and saw youth fled we are not doing things according to the undisturbed natural procedure It laughed from my eyes maliciously: Id hate to be old be old like you, it said.

when we farm high-priced land to the CREAM, WANTED

three times a day when the other horses are fed, and it naturally comes

in for its share of oats.

Doubtless the idle mare supplies

as the theoretically less favored work

Let us work the mares and feed the foals. It is not nature's way, but

mare's foal.

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Sheer Hotes

Use hand-driven clippers. The old-style shears are slow and it is hard to learn to use them properly. Driven clippers are cheap, and any one own-ing sheep can well afford to buy such a machine. Often several farmers

combine to buy a machine.

Choose a warm, sunny day for the shearing. Drive the sheep into a small enclosure adjoining the shearing floor where they can be caught easily. Have the shearing floor clean; remove each spinal to it as soon as

them.

The plan your farm work and direct your labor so as to get more done than the average, then you are the man who can afford to pay more than the average wages to your help. Good farm labor, of any kind, for that matter, is hard to get; but if you can pay a little more than the other fellow, you get the lest help.

Try and make everything handy about the farm so as to make it easier to do the work. A broken or hard-operating gate that is much used will waste a lot of time in the course of a day. An empty water tank when the teams come in at night, hot and tired, means that one

limit of production. We keep horses contain weed seeds in greater or less

with hooks by means of which they become attached to the wool of sheep or the clothing of workers on the farm and in this way may be carried into fields where formerly they did

ot exist. By cultivation. In some plants, By cuitivation. In some plants, especially those with creeping under-ground stems, such as quack grass, the broken pieces mmy be carried all over the field by farm implements and thus dispersed over a much wider area than the parent plants originally occupied. ally occupied.

Boars should be kept thrifty dur-ing the summer, but should not be allowed to fatten.

allowed to fatten.

What would you think of a man who refused to join the local cowtesting association because it would make it impossible for him to sell his cows to his neighbors?

By John B. Huber, AM,MD

Dr. Huber 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. Huber will not prescribe for Individual cases or make diagnosis. Address Dr. John B. Huber, M.D., care of Wilson Publishing Co., 73 Adelaide St. West, Toronto

Some farmers own a farm and work on it. Others own a farm and manage it. The latter works just as much as the former, but in a different way. He works his head along with his hands. He doesn't get up at four o'clock in the morning just because that is the time all farmers are supposed to crawl out. He gets up because he knows that to keep things running smoothly he must be on the job. To get the most efficient labor from the men he employes hemust not only direct them, telling them what to do and how to do it. but he also finds it mecseary to work with them and take the lead in doing them what to do and how to do it. but he also finds it mecseary to work with them and take the lead in doing the work. This might not be feasible on large ranches or plantations where the help runs into the hundreds, but on farms like you and I know about it is a so not occur on the man who is a sat a deal and not a railroad. You must map out your plans.

Control Tomato Diseases.

A knowledge of precautionary more work and and the keep shedil of the work. If you can plan your work ahead and the keep shedil of the work. If you can plan your forms into the hundreds, but on farms like you and I know about it is a so not so growers, and the morning it is a mighty good plan.

Plan your work ahead and the keep shedil of the work. If you can plan your farms are subject to many disconting the morning of the work. If you can plan your farm work and direct your labors. Choose a seedled soil not previous labors so as to get mor done than the keep shedil of the work. If you can plan your farm work and direct your labors on so to get more done than the keep shedil of the work. If you can plan your farm work and and the keep shedil of the work. If you can plan your farm work and and the keep shedil of the work. If you can plan your growers are subject to many discipling the plan your farm work and direct your labors on so to grow your plans.

Plan your work ahead and the keep shedil of the work. If you can plan your farm work and direct your lab the armpies or the bend of the elbow shaped crusts and a mouse-like (in front), or of the back of the knee, or the creases in the neck. The papusition of the mailed on request ac-

meta parts.

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"Neu-Tone"

The sanitary washable

Improve the new ronew the old.

"Marble-ite"

"Varnoleum"

to be in intense artificial heat or to like so much dynamite—ready to exhave their hands constantly in water, and from using strong soaps and lye. and sometimes with fatal results.

Fence-jumping cows are often the From early morn till late at night; I'll boldly bat the robber rat, result of poor pasture. Look after the pasture instead of the cows.

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THE RICHES OF MARY HAVEN.

STATEMENTS WAS WAS WAS AND WAS TO THE

The voices of the little girls on the verandah drifted in through the living room windows. Mrs. Winslow smiled to herself. They were boasting of their riches in a manner as old as humanity.

"I'm going to have a bracelet watch on my birthday—Uncle Jack's going to give it to me." That was Queenie Kern. It was as inevitable that Queenie should have a bracelet watch as that a humming bird should have

as that a numming bird should have a jeweled throat. "I've been to Muskoka in an auto-mobile!" Madge Tyson declared tri-umphantly. "It was grand. We stay-ed nights at hotels."

"I've an uncle on a farm—that's nicer. I can ride horseback and feed the sheep. We have the most fun. Automobiles are stupid—you can't do anything with them." That was Anna Louise. Trust her to take the wind out of anythors as is a least of a favone's as is a least of a favone's a sile." out of anyone's sails!

Then Mrs. Wnslow held her breath; it would be Nancy's turn next. Did Nancy care most about jewelry and automobiles? Nancy's voice, clear and serene, answered her question. "My daddy's the best doctor in the

world. He knows everything. And he takes me out with him lots." The listener relaxed happily. She might have been sure of Nancy. Then she realized that little Mary Haven

had not yet spoken. The others turned upon her clamorously "What have you, Mary Haven?"

they asked.

Mrs. Winslow half started from her chair—little Mary Haven, whose mother did such exquisite laundry work. Children could be so cruel all unconsciously. But already Mary was answering.
"Mother and I have the loveliest

times. We keep Violet Day and Rose Day and lots of others. There's something nice most always."
"But what are they? I never heard

of Rose Day!" Anna Louise exclaimed.
"Rose Day," Mary Haven explain ed, "is when the first rose comes. We pick it and put it under father's pic-ture. And mother makes little cakes ture. And mother makes little cakes with pink icing, and we each have one, and then we carry the others to somebody sick or something. Mother says it's one way in which we can thank God for all the beautiful things

He has made." There was an embarrassed silence on the verandah. Somehow Rose Days and bracelet watches did not npare. Then Mrs. Winslew called

'Mary Haven, come in here a min

Mary Haven stepped shyly through the long window and stood before Mrs. Winslow. "I want you to take something to

your mother, Mary Haven," she said.
"I want you to tell her that I think her daughter is the richest little girl I know. Do you think you can re-member?"
"Yes'm," replied Mary, "I'll re-member."

Device for Drenching Stock.

We have frequently had occasion to drench cattle, horses and pigs with medicine under the direction of the veterinary. The greatest obstacle we have yet encountered was the danger have yet encountered was the danger of the animal breaking off the neek of the bottle. To overcome this danger, we have wrapped our drenching bottle tightly about the neck with old rugs, thus giving the animal opportunity to bite all it pleases, but without damage to the bottle. The rugs keep the teeth from the neek of the bottle, and the danger is greatly lessened, if, not totally removed.—W. E.

When cutworms are bad in the cornfield, make poison bait by mixing fifty pounds of bran or cornmeal, two quarts of cheap molasses to make a stiff dough. Add a little water if needed to moisten. Scatter this along the corn rows. This poison will kill birds, too; so be careful about

An easy way to keep paint: In-An easy way to keep paint: Instead of pouring on one-half inch of linsed-oil, pour on about three inches of cold water. Before using, pour the water off gently, ect in the sunshine to absorb any drops of moisture, then add oil if needed to thin it. In this way you will not be annoyed with the broken skin of the paint which the oil slways forms. It can be kept for ten years.

paint which the old slivings forms. It can be kept for ten years.

Fifteen cents a load would soon pay for hay-fork equipment in your barn." In most rases it takes at least a half-hour to pitch off a load by hand. With a hay-fork equipment the load can be removed in ten minutes. Twenty minutes are thus savings. ed. Assuming an hour's time is worth forty-five cents, there is a saying of fifteen cents a load. Besides, a boy can operate the fork and the man can work in the mow. Every farmer ought to have a

Every farmer ought to have a workshop, a library and a pair of rubber boots. The library is a danny place to spand the evening with the farm paper or a good book. It is almost equal to the workshop for a rainy day sassion. Of course you know what to do with the boots. It would not hurt to have a pair for each one of the family, with rain coat to match. Probably they will enable you to spend more days in the library and the workshop.

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