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 mentioned and addressed envelope is enclosed with your letter, a complete over will be mailed to you. Address Agronomist, care of Wilson Publishing. Ltd., 72 Adelaide St. W., Toronto.

My experience has been that usually a disc was not needed on new ground, because there was more briers and roots than sod. I use a steel framed harrow with adjustable teeth and the first time over the ground I set the teeth rather light; this picks up the most of the loose roots; the second most of the losse roots; the second vigorous as they will in the case of a time I set them a little deeper and the last time over the ground I go cornerI graduated from Paris green sev-

made by frees up-rooting years ago, we call these "cradle knolls." To level I prefer the lead in the paste form; off a cradle knoll I stop the team just I place two to three tablespoonfuls in at the base of it and put my harrow a twelve-quart pail and fill it with wa-teeth down to the last notch. then I ter, then stir until the lead is all disteeth down to the last notch. then I ter, then stir until the lead is all dissipant on the frame and pul brough solved; I apply with a whisk-broom among and keep constantly stirring the solution while I am applying it.

I wait until the first crop of young doses of this will level off the knolls bugs begin to hatch and then I apply we can there it is not a possible to the solution.

fround, I prefer planting in checks in new ground for two reasons: First, the soil can be thoroughly stirred around the hill, promoting a healthy expansion of the tuber-cluster and killing the briers and grass that would otherwise line the rows. Second: When the crop is harvested there is no living thing in sight; the wild growths have been thoroughly subdued and the field is in excellent shape for any crop that I want to plant the following year.

As to seed: I always plant the nicest potatoes that I have, cutting the seed to two eyes and planting one piece in a hill; this is better than cutiest to two eyes and planting one piece in a hill; this is better than cuting to one eye; first, because it eliminates the possibility of having the plants and failed to find a single bug, young or old, in the whole minimates the possibility of having to be used. All dirt and sweat found the following year.

The treatment of these diseases is an important branch of dermatology, and involves the texterwant of the hair substance substance provided to there is shocatous glands to keep the sim will do this as well as expensive lot-distinct. When it is very abundant in the form of dry scales, or small oily lumps, it loosens the attachment of the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the root of the hair to its follicle, and the

(Horse Sease 2)

When fitting a horse with a collar, In order to prevent galls and more

When fitting a horse with a collar, the animal should be standing in a natural position on level ground, with his head held at the height maintained while at work. The collar when buckled should fit snugly to the side of the neck, and its face should follow closely and be in even contact with the surface of the shoulders, from the top of the withers to the region of his throat. At the throat there should be enough room for a man's hand to be inserted inside the collar.

The style of horse collars are creat.

care of the animal's shoulder is a simple process.

The style of horse collars are created mostly by the use of different materials in their construction. Such materials as heavy duck, ticking, and leather are used either alone or in various combinations.

All-metal collars may also be bought. The stuffing used in horse collars is coarse material, such as rye straw, curled hair, and cotton fibre.

The all-leather collar stuffed with seasoned rye straw, with a layer of curled hair in the facing, is a satisfactory kind. The cost is somewhat greater than on the collar made wholly of duck or ticking with cheaper stuffine, but the service given by this.

other common causes for diseased wholly of duck or ticking with cheaper stuffing, but the service given by this collar is usually so far ahead of the latter that the all-leather collar proves to be the cheapest in the end.

free-going animal hitched to a slow or jazy one, walking on a ridge or furrow that is too narrow, which may cause the animal to silp constantly or side-step, and in this way fure his shoulder. In addition to this the neck

and shoulder are exposed to the usual mechanical or accidental injuries.

certain to wade in them.

last time over the ground I go corner-wise of the field, which makes the marking out easy. If the ground is not very rough three harrowings will expense. I use nothing but do, but I usually go over the land five do, but I usually go over the land nee affected of lead. The arsenae of each control of the control of the seed bed is not lost. The first when properly applied and there is time over I follow the furrows, and no danger of damaging the plants by thus avoid turning any of them back, using too much, as is the case with as would likely be the case if the harrow were dragged cross-wise.

There are usually little hummocks,

Use Lead in Paste Form

and put the ground in pretty good freely to every hill, being careful to is one of the ills which has come with shape.

Hair that is dry and brittle needs oil; hair that is normal does not Hair that is greasy freely to every hill, being careful to is one of the ills which has come with oil; hair that is normal does not Hair that is greasy from too much selection. Dandruff often causes baldness and ceous matter, needs an astringent to heart of the plant, as here is where The next step is the planting. While the young bugs first congregate; I means an excessive supply of the oily, the drill method works very well in old treat every hill the same whether greasy substance provided by the ground, I prefer planting in checks in there are any bugs in it or not. When sebaceous glands to keep the hair will do this as well as expensive lot-

to be used. All dirt and sweat found on the face of the collar should be cleaned off and the surface which comes into actual contact with the neck and shoulder should always be smooth and shoulder should always be smooth and hard.

The treatment of these diseases is friends.

A. D.—Answer—This growth which we have been of school housekeeping! The farm woman whose house shines and diseased structure of the hair and is often accompanied by hemorrance its surounding tissues.

The treatment of these diseases is friends.

A. D.—Answer—This growth which we have been of school housekeeping! The farm woman whose house shines and diseased structure of the hair and is often accompanied by hemorrance its surounding tissues.

Some of the preparations which appeals to get the best profits from attic to cellar and from kitchen to parlor has yet sent her children to parlor has yet yet when the bottom and drained to the dold air by a window open at the bottom and drained to the dold air by a window open at the top, or by some good patent ventilation to parlor has yet when the parlor has yet window open at the

The focation of the brooder is an important consideration. It should face the south, in order to receive the full benefit of the sun, for old King Sol is a great friend to newly hatched chicks. And it should be situated on a well-drained site, free from depressions which are likely to collect pools of water following rainstorms. If puddles form the chicks are almost certain to wade in them. @Poultry Since the majority of thunder show-

Sharp Garden Tools

and this is not an unimportant test

GOOD HEALTH QUESTION BOX

By Andrew F. Currier, M.D.

A Vital Necessity

In Peace or War

GIVING NEW-GROUND POTATOES THE RIGHT START.

Who knew best how to raise as don'th hill occasionally; and second, and the cause the larger piece of evid gives and the cause that it is the cause the larger piece of evid gives and the cause the larger piece of evid gives and the cause the larger piece of evid gives and the piece of evid gives and the larger piece of evid gives and the l wives will be the very best kind, and yet we leave a leaking hole in our Not all sw

> Dr. Currier will answer all signed letters pertaining to Health. It 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 diagnosis. Address Dr. Andrew F. Currier, care of Wilson Publishing Co., 73 Adelaide St. West, Toronto. waste of pouring education into children who are never going to be strong and many of whom will die, unneces-

Hair Remedies.

Civilization is responsible for bald heads. There may be diseases of the hairy scalp among savages, and others who never wear any head covering, but I do not remember to have seen any account of them.

Containing a present the pair of the country of the country of them. Count up the number of hours your children spend in school. It amounts to about twelve hundred hours annually. Almost half of their waking hife for six or eight years—and long-er than that if they continue beyond the elementary grades—are spent in

seen any account of them.

Certainly, savages shave the hair from their heads, for what we call "cosmetic effect," or perhaps for fear it may fall out from diseases.

tion used had something to do with the from their heads, for what we call like fashions in hair remedies change, like fashions in clothes. A few years ago, pomades and oils for the hair But such diseases as fevers, which were popular, and oiled and scented

But such diseases as fevers, which result in loss of hair, are not very ringlets were marks of beauty.

Such overdosing of the hair and surrounding tissues, probably caused much baldness, and perhaps that is of civilization.

We can therefore say that baldness why it was given up.

Hair that is dry and brittle needs

times of peace as in war.

THE operations of Hydro-Electric and Public Utility Companies are a vital necessity to the industrial and social wel-

This is one of the reasons we recom

mend the Bonds of well-managed Hydre-

Electric and Public Utility Companies

Canada, and are as essential in

schools, through which boys and gris

sarily

the school offers. Yet how careless



Do They Still Use The Dangerous Roller Towel?

cleaning!

The injury to health is due to dust breathed into the lungs. Dust is of two kinds: organic dust, that which is thrown off by human beings and all animal life; and inorganic or mineral dust.

The injury to health is due to dust ated but dirty country schoolhouse has been found to contain more dust per cubic foot than a city living-room which is clean. As the city, of course, is far more dusty than the country, this shows the value of brush and dust.

The best profit comes, I find, from the smaller and more tender stalks, and the country, this shows the value of brush and dust.

dust.

Organic dust is the kind which carries germs; but we are finding out that disease is only occasionally conveyed by the air, so that the part which this form of dust plays in illness is no longer considered to be very great. It is inorganic, mineral dust, when this becomes sharp and gritty, which is our real danger.

Dust of this kind is blown in at the windows and is brought in on the feet of the children and ground up into

of the children and ground up into small particles upon the floors. Then when it is stirred up and mixed with when it is surred up and interest the air it is breathed in, and it cuts and scratches the breathing passages and lungs, leaving upon them rough surfaces which are just what germs breed on. Colds, tuberculosis and breed on. Colds, tuberculosis and many of the children's diseases thus find an opportunity to develop. Black-boards, chalks and slates also scatter tiny, blade-like particles all

around the rooms.

Windows must be open and dust fly in through them. Children must walk to school and—until we are as polite as the Japanese and leave our shoes as the Japanese and leave our shoes outside—bring in the dirt upon their feet. Blackboards and chalk are almost necessary for school work. So what shall we do about it?

There is just one answer: We must employ some one to sweep the schoolhouse every afternoon when school is dismissed and to dust it in the morn-

SOME UNEXPECTED DANGERS

With the advent of warm weather, small children begin to appear in gay little Indiah costumes trimmed with slashed fringe of the same or con-trasting material. All youngsters love to dress up, and the pleasing contrast of the brown and red is ear

ly admired.

Just about the time that these gar-Just about the time that these garments make their appearance lawns are being raked and the winter's refuse being cleared away. In a great many instances bonfres dispose of this rubbinh, and the neighborhood children love to flock around and watch the flames. So many serious burning accidents have occurred through the catching fire of the fringes of the little children's suits that in some cities fire commissioners.

Not all sweeping and dusting get rid of the dirt. The old-fashioned kind performed with a straw broom choked her to death before relief were succeed in getting our communities full to the very brim with strong, efficient workers?

The leak in our school bucket is bad school housekeeping. There is just one way to mend the hole—employ people to keep our schoolhouses cleen. It is less expensive than the waste of pouring education into chil.

other damp substance to which the dislodged dirt will cling and which can then be burned. A still better brush is the kind whose bristles are slowly fed from a little tank of kerosene (coal-oi). Very little dust can escape this weapon. A vacuum cleaner is by all means the most thorough cleaner there is a swill be seen when

is by all means the most thorough cleaner there is, as will be seen when one is passed over a surface which is supposed to have been well cleaned already and yet picks up a generous and dangerous quantity of dirt.

The dusting of school furniture must be done with a damp or an oiled cloth. Dry dusting is merely a dancing party for the dirt!

Slates have been done away with in most schools, because dectors have Slates have been done away with in most schools, because doctors have shown us how harmful is the sharp, gritty dust which crumbles from them, when it is breathed into the lungs. The ordinary plaster-of-Paris chalk is also injurious and should be replaced by what is called the dustless crayon. It is not quite dustless trayon. It is not quite dustless but is an improvement upon chalk. Still better is it to substitute for a blackboard a paper roll known as a muroscroll. One thousand feet of paper four feet wide revolves in a large, standing frame upon rollers turned by knobs.

Turn she saw her baby in evident distress. Something was hurting his mouth. Quick as a flash she slid her finger into one side of the baby's check and scooped out the disturbing article. It proved to be the eye of the toy dog, which was nothing more or less than a shoebutton-like top with a sharp metal tack protruding from the back of it which anchored the eye into the head. A hasty examination showed that the other eye was also loose and that even a tiny called could easily pick it out.

Children should be instructed that when a toy balleon is punctured it is

Play and gymnastics should take to be thrown away; that they are place out of doors whenever possible, keep at a reasonable distance from for the feet stir up the dust which we fireplaces and bonfires at all times wish to have lie quietly until the afternoon cleaning gets rid of it. With fringes, and that simple things When it is necessary to have recess like elastic bands may lajure themand exercise indoors, the windows should be wide open.

If the schoolroom is cleaned every pends upon anticipating danger and It the schoolroom is cleaned every day and dusty implements are no longer used, not enough dirt will be created during the daily session to do any harm, provided the room is continually fed by fresh air from a win-

Here in Ontario most small grovers of asparagus fail to get the best prothe green and white stalk

dow open at the bottom and drained of the old air by a window open at the

WOO

Parmers who ship their wool direct to us get better prices than farmers who sell to the

ASK ANY FARMER! who has sold his wool both ways, and note what he says-or, better still, write us for our prices; they will show you how much you lose by selling to the General Store.

We pay the highest prices of any firm in the country and are the largest wool dealers in Canada. Payment is re-mitted the same day wool is received.

Ship us your wool to-day—you will be more than pleased if you do, and are assured of a square deal from us.

H. V. ANDREWS.

General Store.

the smaller and more tender starks, sold to more discriminating buyers who have their preferences for green and white stalks. The general buying public is content with the larger a coarser bunches, which require longer to develop, but when the cutting thus delayed the vigor of the pla

It has been my experience that a bunching equipment consisting of suitable tables and racks for holding the assorted bunches, first-class tying machines, and containers for holding the finished bunches, all conveniently arranged, greatly facilitates getting the asparagus ready for market. This equipment we use in or out of doors, according to weather conditions.

As a rule, our earliest crop brings us the most profit. But when there is an opportunity to sell to summer campers we keep cutting until well throught July. This plan requires the beds to be renewed oftener, but by additional fertilizing and intensive culture several profitable crops are secured before the renewal of the beds are necessary.—J. F. H.

The deepest well in the world, ale ready 7,363 feet deep, is now being drilled on a farm in West Virginia. For ten cents we can get an officen that does not leak. A pin-point hole will let out oil enough in a few days to pay for two or three cand what a muss it makes, tool

FUNNY FOLD-UPS CUT OUT AND FOLD ON DOTTED LINES XIMATS WAECTL

Willie saw this funny sign,
And thought it very silly,
Until he folded it and found
The letters stood for WILLIE.

to be the cheapest in the end. The collar selected should be examment is being drawn, side draft of ined carefully every time it is going free-going animal hitched to a slow or law one walking on a ridge or fur-SMOKE TUCKETTS