

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, complete answer will be mailed to you. Address Agronomist, care of Wilson Publishing Co., Ltd., 73 Adelaide St. W., Toronto.

A very serious mistake in some cases is being made by the farmer and gardener in buying materials for and gardener in buying materials for potato spraying. One of the necessaries is blue vitriol is copper sulphate. Green vitriol is copper as or iron sulphate. Copperas or contards?

Answer:—For apple or plum orch-sulphate costs in excess of 15c, per pound at the present time. Copperas cannot be substituted for copper sulphate. Its power to kill fungus diseases is very limited. On account of the cheapness of the salt, at times unscruptions dealers are given to adulterating copper sulphate with copperas. There is a simple test which will determine the presence of the iron the distance that the branches spread the power and inject very slowly and in the second, then increasing one ounce per month until the end of the eighth month. Cows' milk should be diluted with boiled water, two ounces of water being added for one ounce of milk durrently of water being then gradually reduced until the tenth month when the milk may be given undiluted.

A teaspoonful of common sugar or miltose may be added to each feeding if it agrees with the or weigh about twenty-one pounds at the cond of the baby's food agrees with him he will increase in weight after the first month, and the quantity of water being then gradually reduced until the tenth month when the milk may be given undiluted.

A teaspoonful of common sugar or miltose may be added to each feeding if it agrees with the or weight after the first month, and the quantity of water being then gradually reduced until the tenth month when the milk may be given undiluted.

A teaspoonful of common sugar or miltose may be added to each feeding if it agrees with the or weight after the first month, and the quantity of water being then gradually reduced until the tenth month when the milk boiled water, two ounces of water being the gradually reduced until the tenth month when the milk boiled water, two ounces of water being the gradually reduced until the tenth month when the milk way be given undiluted.

A teaspoonful of common sugar or miltose may be added to each feeding if it agrees salt in the copper sulphate and iror sulphate dissolve readily in water. The copper sulphate is blue, the iron sulphate is green in color. In order to make the test for the presence of iron sulphate or green viriol being found in copper sulphate, dissolve a little of the salt in a glass tumbler, add a crystal of ferrocyanide of potassium. This turns the bottom of the liquid to a reddish brown color if the mixture is strong. If it is weak it will not contain any potash. This fertilizer can be applied in the same quantity as advised above.

Farmer:—Will you kindly give full is seence of pepsin, letting it stand at directions for the preparation of soil is strong. If it is weak it will not have any particular effect on it. If for fall wheat? I mean to try it for sulphate of iron is present the mixture will turn a deep blue color and settle.

Answer:—For fall wheat the soil will turn a deep blue color and settle Answer:—For fall wheat the soil to the bottom. Watch your spray me-should be plowed as soon as the spring torials and see that you as the state.

Copperas is Not Copper Sulphate. | to 5 inches. The copper sulphate attacks the fungus spores and kills them.

will determine the presence of the iron the distance that the branches spread salt in the copper. It is as follows: out. The feeding parts of the root

terials and see that you take the right growing crop is harvested. If it is thing. Coppers sounds very much early oats, the ground should be plow-like copper sulphate, but it is an en-ed immediately after the crop has been Now is the time to spray potatoes success in growing winter wheat on nd tomatoes to prevent the attacks of summer-fallowed land. If the piece ate Blight disease. The spores of of land being prepared is sod, it should Late Blight disease. The spores of this disease, which may be found in the soil and in the garden rubbish, send up their shoots and bear their seeding spores during the warm, damp days of late June and early July. The possible. If you have a supply of only method of controlling this disease, which causes rot of both potato and tomato, is by spraying with fore the last two diskings and harmoring that are of 4 lbs of concer sul, the field, this manure will be thorand tomato, is by spraying with fore the last two diskings and harmore water. Bordeaux mixture in the field, this manure will be thorphate, 4 ibs. of ime and 40 gallons of oughly worked into the soil. Be sure
water. If you have a small garden you get good quality winter wheat
patch, make up the mixture in this seed of a variety that is successfully
proportion. There is no necessity of grown in Ontario. Dawson's Golden
making up such a large quantity. Dissolve the copper sulphate,—a pound to
a gallon of water and the lime in
similar quantity. Do not mix them
until you are ready to do the spraying,
otherwise chemical action wil, take
place between the lime and copper sulphate and spoil the mixture. Spray

Cabbage Plants

ath leading early and late ties, 45c, per hundred, mail pre-\$2.50 per thousand, express o Challfower, Brussels Sprouts inton Chants, its are being shipped success-to all parts of Canada. Ask for list

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H. V. ANDREWS

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shoeing, medical attention and other expenses, while one the right half. I enter the number of hours of work done by that horse, and also credit the value of the manure it produces, the colt, etc.

The figures for last year were quite surprise to me. Before starting my a surprise to me. Before starting my record I estimated that \$5.50, per record I estimated that \$5.50, per month would be a fair average cost of keeping my horses, but imagine my surprise when I discovered that each horse was costing me \$7.12 per month or \$85.44 a year.

After adding up the number of hours, I found that my horse labor had cost me \$1.35 a day.

One reason for this large cost was

One reason for this large cost was that the work had been unevenly distributed among the horses, and some were idle when they could have been working. I also found that the pasture had not been used as much as timight have been. These errors I intend to remedy during the present year. By distributing the work more evenly I can dispense with the extra

Remember life's paradox—you are no nearer heaven because living is

igher. It is time for the cow which doe not pay, to go to the block, but it is poor economy to butcher profitable producers.

GOOD HEALTH QUESTION BOX

By Andrew F. Currier, M.D.

Dr. Currier will answer all signed letters pretaining 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 diagnosis. Address Dr. Audrew F. Currier, care of Wilson Publishing Co., 73 Adelaide St. West, Toronto.

Infant Feeding No. 2.

After the sixth month he should be fed only once in four hours. The average quantity for a feeding is three ounces in the first month, four in the second, then increasing one in the second, then increasing one R. H.:—What do you consider the counce per month until the end of the baby's food agrees with him he

table salt.

ley or rice or oatmeal water thorough-ly boiled and strained, a tablespoonful scured

ordinary room temperature until it is aged or may it happen at any pecurdy; it must then be put into the riod of life? 3.—Can it be caused by box at once to arrest further di- rupture.

have diarrheoea give him half a tea-could be done. spoonful or a teaspoonful of castor 2.—It may o spoonful or a teaspoonful of castor 2.—It may occur in a oil, thoroughly mixed with an equal life, from infancy to old quantity or twice the quantity of 3.—It is not infrequently associativintergreen, cinnamon, or peppermint ed with rupture.

water, lessening the number of feed-

A baby should be fed every three hours from the first to the sixth month of life, omitting food from 10 p.m. to 8 a.m.

After the sixth month he should starch water, following it up with an injustion of half a pint of warm.

have tried to make them plain and free from the complications and mathematics with which many papers on the subject of infant feeding are ob-

QUESTIONS AND ANSWERS.

L. I. B.-1. What is the cause of obstruction of the bowels? Is it due to external injury, and if so what are

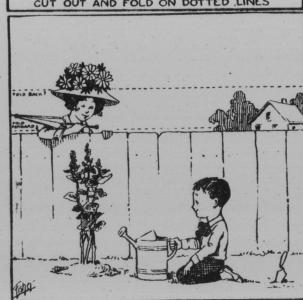
Answer-1 .- It may be caused in a stand until it is bitter the baby will formation of adhesions in the abdored with the stand until it is bitter the baby will formation of adhesions in the abdored when the formation of adhesions is the abdored with the standard stand until it is bitter the baby will formation of adhesions in the abdormeture to take it.

When the first few teeth have come through, a little clear soup, free from fat may be given and the baby may constination and in various other also have a small piece of toast.

You may also give him whey or milk or weak gelatine water. If he should the moment, see exactly how this hand distributed a give him helf a tea.



sion: he simply obeys the order, trust-ing to the divine wisdom. Behold, a man of Ethiopia . . . of great authority under Candace—The Spirit



Willie planted hollyhocks.
There's nothing strange in that;
But when they bloomed, the flowers were just
Like those on sister's hat.

In the Fields



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