



Conducted by Professor Henry G. Bell.

The object of this department is to place at the service of our farm readers the advice of an acknowledged authority on all subjects pertaining to soils and

Address all questions to Professor Henry G. Bell, in care of The Wilson Publishing Company, Limited, Toronto, and answers will appear in this column in the order in which they are received. As space is limited it is advisable where immediate reply is necessary that a stamped and addressed envelope be enclosed with the question, when the answer will be mailed direct.

Question—V. B.:—Will you please give me a little advice about hog pasture? I had a hog lot which I are sown.

A great of the usual clover and grass mixtures are sown.

Question—A. W. B.:—I am very



On July first Canada celebrated the help the grain crop. entennial celebration of Con-

makers of the famous Williams New Scale Piano.

R. S. Williams came from England

R. S. Williams came from England and established this concern in 1849—68 years ago. Canadians will feel proud to know that they have such a "truly Canadian" piano—the Williams New Scale, which they can be proud to place in their home. The Williams Piano Co. at Oshawa will be glad to send interesting points concerning the "Artist Choice" piano, free upon request.

would advise drilling in at seeding time about 200 pounds of fertilizer analyzing 1 to 2% ammonia and 10 to 12% available phosphoric acid at the time that you are sowing the grain and grass in spring. This avail-able plantfood gives to the grass and clover what whole milk gives to the young growing calf. It is rich in available plantfood which will greatly assist in insuring a good catch of both clover and timothy. It will also

complished in Canada during those years, the many remarkable achievements seem hardly possible. ments seem hardly possible.

The industries of Canada have progressed step by step as the population increased. Among the older "truly Canadian" firms is The Williams Piano Co., Ltd., of Oshawa, Ont., makers of the famous Williams New Canada Piano.

Fools learn nothing from wise men

The law of booty governing the Israelites is given in Nun. xxxi. 26-47. Israelites is given in Nun. xxxi. 26-47.
Booty consisted of captives of both sexes, cattle and whatever a captured city might contain, especially metallic treasures.

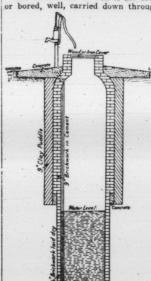
To much care cannot this source. Too much care cannot sexes, cattle and whatever a captured ly lined with piping. The piping is carried up to a tight-joint with a strongly protected.

To much care cannot sexe of machines it is not affectation be exercised in seeing that drinking water—one of the essentials of life—vince him by talking that he is wrong and then you will cure him.



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the pure cane sugar with "FINE" granulation that dissolves instantly, giving a clear bright syrup.



so far as the collecting and containing of the water supply is concerned. It must be understood that no well can possibly be satisfactory if the source of the water supply is polluted. The illustration herewith shows a

which is as safe as possible. For the upper nine feet the well is watertight, the sloping platform diverts the surplus water from the well, and the top of the wall is car-ried above the level and provided with an absolutely tight cover.

The pump has been placed on the concrete platform, on the ground level, the pipe is embedded in the concrete and carried to the bottom of the well where the water is coldest. There is considerable advantage in not hav-ing the pump at the top of the well. Surplus water is continually spilled

Mothers and daughters of all ages are cordially invited to write to this artment. Initials only will be published with each question and its wer as a means of identification, but full name and address must be en in each letter. Write on one side of paper only. Answers will be led direct if stamped and addressed envelope is enclosed. Address all correspondence for this department to Mrs. Helen Law, 235 odbine Ave. Toronte.

Mrs. E. C.:—1. To preserve strawberries in the sunshine, place in a preserving kettle in layers as many pounds of sugar as of sound ripe berries, which have been hulled and washed, and when the juice is drawn out a little set it over the fire to cook; let cook twenty minutes after boiling begins. Turn the berries into earthen or agate plates, cover each with a pane of glass to fit tightly over the

Drench with 2 to 3 oz. oil of turpentine in a pint of raw linseed oil, and if necessary repeat in 2 hours. Give rectal injections of warm soapy water. If pain be excessive give drench of 1½ oz. each of laudanum, sweet spirits of nitre and tincture of belladonna in a pint of water. Repeat in 2

surplus water is continually spilled, and, as more or less mud, barnyard manure, etc., is carried on the boots of those using the well, this water becomes polluted and seeps through the cover.

In many summer resorts, defective wells are the cause of much sickness, and many cases of typhoid among urban residents have been traced to this source. Too much care cannot be exercised in seeing that drinking.

When he is afraid of harness, papers or machines it is not affectation—it is serious business with him.

Some horses will become frightence and will kick when given a dry-staw bedding. This probably means that you want him to do. Kind words and caressing touches will improve both in mind and his temper. You will never fail in this way unless you delay the beginning too long.

When he is afraid of harness, papers or machines it is not affectation—it is serious business with him.

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from flies and mosquitoes, make a you enjoyed visiting her.

Whipping is likely to send his hot blood from his heart to his head, deluging his sensitive brain and driving him to a frenzy or blinding him with fear.

When he is old enough to set up in business for himself he should be taught from the value and cleansed by the horse alphabet—the halter, bit, harness, the words that mean come, "go on," "stop," "back" and the feeling of pleasure under onticeable on the right side.

Drench with 2 to 3 oz. oil of turpentine in a pint of raw linseed oil, and if

stipation, eczema, kidney, liver, stom ach and female troublesses, stom ach and female troublesses, stom with guarantee, or protection of \$5, postnaid. Henderson Herb Co., Dept. W., 173 Spadina Ave., Toronto.

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## Health

The Value of Fruit Acids.

because of the acids which they think they contain. Professor Basle, has shown that the Professor Bunge, of en weight of the acids of lemons, ap-

Nevertheless, you can do some very surprising "stunts" in much the surprising "stunts" in much the same line with a glassful or a cupful of water. You may fill the receptacle to the very brim, and yet put quite a lot of junk of one kind or another into it without making it overflow.

It is necessary, however, to place the glass on a table that is perfectly

horizontal. And the water must be poured into it, slowly and carefully, in such a way as to avoid wetting the

Then you can drop a pin into it, point first, without causing it to over-flow. You can drop several pins, two or three at a time. In fact, if you do it right, you can drop sixty or eighty ordinary pins into the glass, and still the water will not trickle over the

The reason why is simply that the edge is not wet, and on this account it is possible literally to pile up the water perceptibly higher than the level of the brim.

The same thing can be done with tacks or with coins

Put up more food this year than ever when packing for winter use.

Clean up the old coffee grinder, or Clean up the old coffee grinder, or buy a new one, and grind your own corn meal for griddle cakes, muffins and bread. If you do not like bread made of corn meal alone, use some wheat flour with it. Since home ground corn meal does not keep long, it is better to use whose corn by the bushel and grind for meal as needed.

The Doings of the Duffs.





