

BARN ROOFING

The "Eastlake" Steel Shingle is the only absolutely weathertight shingle on the market. Let us tell you why. A shingle to be proof against the severest storms must have at least a three inch overlap. The

Eastlake Steel Shingle

is the only shingle that has that much. The so-called four-lock shingles have only an inch and a quarter overlap—not enough to keep out the drifting snow and rain, so this proves the "Eastlake" the only waterproof shingle.

The roofing problem solved. Our free booklet, "Eastlake Metallic Shingles," tells how.

"Eastlake" shingles can be laid in one quarter the time it takes to lay a four-lock shingle. —The Philosopher of Metal Town.

MANUFACTURERS 1753

Metallic Roofing Co. Limited
Western Canada Factory,
797 Notre Dame Ave., Winnipeg.

40 YEARS PROOF

You don't need to experiment in treating Spavin, Ringbone, Curb, Splint, Capped Hock, Swollen Joints, Old Sores, or any Lameness in man or beast.

KENDALL'S Spavin Cure
Has been the world-wide remedy for 40 years.

Johnville, Que., Jan. 9, 1908.
I have used your medicine for nearly forty years, and now I take the liberty to ask you to forward one of your bottles to me. I own two horses with two Bog Spavins. I tried your Cure and at the end of four months he was as smooth as the day he was foaled.

Yours respectfully, John Smith.
\$1 a bottle—6 for \$5. Get our book "A Treatise On The Horse" at dealers or write us.
Dr. B. J. KENDALL CO., Enosburg Falls, Vt.



Kill the Ticks

Ticks are not only distressing to the animal but injure the fleece, and can be speedily destroyed with one part of

Dr. Hess Dip and Disinfectant

to 80 parts of water. This preparation not only kills the ticks, but destroys the poisonous germs of disease. Dr. Hess Dip and Disinfectant is also excellent for disinfecting barns, cow stables, hog pens, chicken yards, sinks, drains, cellars, cess-pools, etc.

It also kills lice, mites, sheep ticks, fleas and all parasitic skin diseases, such as sheep scab, mange, eczema, etc.

One of Dr. Hess Dip and Disinfectant to 79 parts of water meets the United States Government requirements for official dipping.

If your dealer cannot supply you, we will. Write for circular.

DR. HESS & CLARK
Ashland Ohio, U.S.A.

This question is a little indefinite, but if the object is to place a pump in the stable and get the water supply from the creek which is one hundred feet away and fifteen feet below the level of the stable floor you should have no trouble pumping water under these conditions if the pump is put in carefully. I would run the supply pipe from the creek to the point below the barn just under where the pump is to be set, putting the pipe in as nearly level as possible without bringing the cost of ditching too high. Then screw on an elbow and a short piece of pipe pointing up towards the pump. Next screw on the cylinder of the pump. The lower down the cylinder is, the better will the pump work. The ideal condition is to have the cylinder at water level, for then there is no priming to be done. Next screw on the pipe between the cylinder and the pump base; fasten the base and the pump is ready for work. Be careful to make all joints tight. Put lead or graphite and oil on all pipe threads. If there is no provision for draining the pipe above the cylinder in cold weather, a small hole should be drilled near the

self has been found in prehistoric works and monuments. So far as known, wheat was not grown in America before the discovery by Columbus. The belief most generally held regarding the geographical origin of wheat, is that it once grew wild in the valleys of the Euphrates and Tigris, and from there spread to the rest of the world. Although grown under a very wide range of climatic conditions, the bulk of the world's crop is produced in the temperate zones. The quality of wheat in the different parts of the world changes with the climate, which is the factor that determines largely its geographical distribution. The most northerly point at which wheat has been known to mature on this continent is 65 degrees, 30 minutes, north latitude 200 miles south of the Arctic circle and 1,000 miles north of the International boundary. This was at Rampart, in the Mackenzie Valley. Towards the equator the limits of wheat vary between 20 and 25 degrees north and south latitude.

In the March "Crop Reporter," the monthly bulletin of the United States department of agriculture on crops, the



GOOD AVERAGE HORSE FOR THE PRAIRIES. ONE OF THE MANY BROUGHT WEST RECENTLY.

lower end of the pipe where it screws into the cylinder. On account of there being such a long run of pipe between the cylinder and the creek, it would be better to use the next larger size pipe than the cylinder connections call for and bush it down to the proper size at the elbow just below the cylinder. It would also be well to put a check or foot valve and some kind of a strainer at the point where the water enters the pipe at the creek. A piece of wire netting should do very well for a strainer and should overcome any trouble with weeds, except once in a while they might clog the strainer itself.

The style of pump to buy will depend upon what you want to do with it. If you intend to pump water up into the house, then you will have to buy a force pump; otherwise any common pump will do as long as it has a good cylinder. A common cistern pump would hardly do under these conditions.

M.A.C. L. J. SMITH.

ORIGIN OF WHEAT.

Where did wheat originate; what influences its geographical distribution; what was the world's wheat crop in 1909, and of this what quantity did the Dominion produce?

Sask. J. H. S.

Ans.—Wheat is probably a native of western Asia, and its cultivation is very ancient. The Chinese are said to have grown wheat 2,500 years before the Christian era, and the plant is also known by different names in most ancient languages. Furthermore, the grain it-

world's wheat harvest of 1909 is given in countries and continents. All the countries of both America and Europe are represented. Of South America but three—Argentina, Chili and Uruguay—are listed as wheat-producing. Australia, save the northern part, and New Zealand are considerable growers. Africa is represented in the tables by Algeria, Egypt, the Soudan, Tunis, Natal and Cape Colony—a very small fraction of the entire area. In Asia, equally well adopted by soil and climate to Europe as a wheat area, wheat growing centers largely in India and Asiatic Russia. Turkey is a reasonably large grower, and Japan important. In the report China does not figure at all—the only important nation absent from the list.

By continents the production is as follows: North America, 911,000,000; South America, 189,000,000; Europe, 1,143,000,000; Asia, 430,000,000; Africa, 66,000,000; and Australasia, 73,000,000, making a grand total for the world of 3,616,000,000 bushels.

In this production Russia leads with a total for her European and Asiatic possessions, of 783,000,000 bushels; the United States is a reasonably close second with 737,000,000; France follows with 356,000,000; and British India is a strong fourth, producing, according to the latest figures, 283,000,000. Other countries that figure prominently in export production are Canada, the Argentine, Egypt and Algeria. The wheat crop of the Dominion for 1909 was officially estimated in the last report of the census and statistics office, at 166,744,000 bushels.

Trouble with the Stomach

That can only be cured when liver and kidneys are set right by DR. A. W. CHASE'S KIDNEY and LIVER PILLS.

It is customary to put all the responsibility on the stomach for indigestion and its accompanying discomforts.

This is all wrong, for almost always the liver and kidneys are to blame, and you find among the symptoms constipation, backache, biliousness and headache.

You will be surprised how quickly Dr. A. W. Chase's Kidney and Liver Pills will regulate the liver, kidneys and bowels and get the digestive system into good working order.

If you are in earnest about a cure, don't bother any more with mere aids to digestion, but rid the whole system of poisonous impurities by using Dr. A. W. Chase's Kidney and Liver Pills, and you will know once again the pleasure of living.

This medicine gets at the cause of trouble and makes the cure complete. One pill a dose, 25 cents a box, all dealers, or Edmanson, Bates & Co., Toronto. Write for free copy of Dr. Chase's Recipes.

NON-SUPPORT OF WIFE.

1. What can be done when a man refuses to support his aged wife and turns her out, though he is plenty able to support her in comfort if he would do so?
2. Can one sue him for support?
3. Is there, or can a bill of separation be obtained in Alberta?
4. Can a wife claim any share of property belonging to husband if it was earned jointly, such as homestead, stock, etc.? Or, can he turn her out and sell the property? The wife has children, but they are not at present fixed so as to care for their mother properly.

WICK.

Ans.—1 and 2. If a man refuses to support his wife he can be prosecuted, and he can also be sued if he is worth it for her support.

3. Yes. A separation may be obtained for non-support or other causes. This will be a civil action.

4. A wife has no dower in Alberta, and she could only claim support from the husband, but a husband could not neglect to support his wife or put her out without being liable to prosecution and a civil action.

EVERY DAY BRINGS A FRESH PROOF

THAT DODD'S KIDNEY PILLS ARE A BOON TO SUFFERING WOMEN

Mrs. Rousseau tells how they cured her after three years of almost ceaseless pain.

Hintonburg, Ont., April 25—(Special).—Every day furnishes fresh proof that the women of Canada can be cured of ailments which have hitherto seemed to be a part of the inheritance of the sex by the use of Dodd's Kidney Pills. And this place has a living proof in the person of Mrs. William Rousseau, of 37 Merton Street.

"For over three years," Mrs. Rousseau states, "I was very ill. My troubles were painful. I suffered very much with my back. My head ached almost continuously and I scarcely knew what it was to be free from pain. I was very weak and run down. Occasionally my hands would swell up, and this, too, gave me a great deal of annoyance and discomfort. I began to use Dodd's Kidney Pills and very soon commenced to improve. Three boxes cured me completely."

Nine-tenths of suffering women's troubles start from diseased kidneys. The natural way to cure them is to take away the cause, that is, to cure the kidneys. Dodd's Kidney Pills always cure diseased kidneys.