

Correspondence.

THE MANURE QUESTION.

ED. FARMER: If there is a question fraught with deep interest to the people of this valley, it is the manure question.

It has been said that rich land needs no manure. Is this so? Let us see: When a crop, it matters not what kind, has been grown on, and taken off, a piece of land, it has lost just as much nutritious substance as formed the straw, chaff, blades, grains of that crop.

Now, the question comes up, how are we to know just how much manure, and of what kinds, to apply on a given crop, and at the same time know just what kinds, and how much the land needs,—taking into consideration the nature and adaptation of the soil, for the given crop?

If this winter does not teach the farmers some lessons, certainly they will be hard to learn. In the matter of shelter for stock and saving feed particularly, Oregon has ceased to be the stock raiser's paradise, when all that would be necessary would be to increase the number of animals to increase the number of dollars.

food gone—lost to the land. The horns, bones, hair, offal, beef, tallow, when sold, is so much lost—extracted from our pastures. If we sell the butter and cheese from twenty cows, during the grass-growing season, for each cow, there is taken from the soil, in the form of the phosphate of lime alone, fifty lbs; thus, 20 multiplied by 50, equals 1,000 lbs. of bone-forming material lost in the butter and cheese from these cows.

The great doctrine of the correlation of forces, or the doctrine of equivalents, is one on which hangs all that is true, and important. When a farmer sells one hundred pounds of food to a consumer, to keep up a just equipoise in the nature of things, he should require of that consumer, the excrementitious matter of the food, in return, as an equivalent, to be applied to the land.

PHILO-AGRICOLA. Salem, Oregon, Feb. 19, 1872.

For the Farmer. CONVERSATIONS.

William Harman of Wasco county, has been appointed and commissioned State Deputy G. W. C. T. and State Lecturer of the Good Templars.

These Bitters are prepared from the most choice and wholesome herbs and roots, and have given universal satisfaction wherever tried. Thousands of physicians have signed relief through their use, and physicians recommend them for the cure of all diseases of the blood and liver, and irregularities of the digestive organs.

These Bitters are prepared from the most choice and wholesome herbs and roots, and have given universal satisfaction wherever tried. Thousands of physicians have signed relief through their use, and physicians recommend them for the cure of all diseases of the blood and liver, and irregularities of the digestive organs.

The brush question is becoming

important. Since the fires set by the Indians have ceased to destroy the undergrowth, thousands of acres of land have become worthless, and to reclaim these lands it will cost more than to buy a prairie farm, but these lands are owned and men are forced to pay taxes upon them; hence the necessity of clearing them in some permanent way.

HARD WORDS.—The Oakland (Cal.) News calls the "California Immigrant Association" a begging fraud, and says the Institution is "humming the Legislature for \$30,000 to encourage immigration; that is, to misrepresent the actual condition of things here and swindle immigrants into coming here to become the peons and tenants at will of secondarily land-grabbers."

A LITTLE dissolved alum is very effective in clearing muddy water. If thrown into a tub of soap-suds, the soap, curdled and accompanied by the muddy particles, sinks to the bottom, leaving the water clear and pure.

THE monk who was recently tried in Rome for murder, has been found guilty, and sentenced to twenty years' hard labor. This is the first instance of a monk's being tried by an ordinary criminal court.

How many of our lady readers ever dreamed that we send to Great Britain annually, fifteen million dollars in gold for the single article of spool cotton?

William Harman of Wasco county, has been appointed and commissioned State Deputy G. W. C. T. and State Lecturer of the Good Templars.

Read Physician's Certificates Below!!!

Advertisement for Dr. Henley's Celebrated IXL Bitters, featuring an illustration of a woman and child, and text describing the medicine's benefits for various ailments.

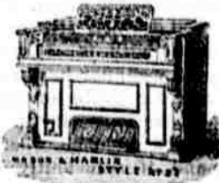
These Bitters are prepared from the most choice and wholesome herbs and roots, and have given universal satisfaction wherever tried. Thousands of physicians have signed relief through their use, and physicians recommend them for the cure of all diseases of the blood and liver, and irregularities of the digestive organs.

Books and Stationery.

GILL & STEEL, (Successors to Harris & Holman.) 87 Front Street, Portland, Oregon. Importers, Wholesale and Retail Dealers in School Books, Miscellaneous Books, Blank Books, and STATIONERY.

Constantly on hand every variety of SCHOOL BOOKS used in the State, and at LOWEST rates.

THE CELEBRATED CHICKERING PIANO



MASON & HAMLIN ORGANS. GILL & STEEL Agents for Oregon and Washington Territory.

Prices Greatly Reduced. Sold either for CASH or on INSTALMENTS. WAREHOUSE 87 Front Street, up stairs. Portland, Sept. 21, 1871-72.

GILL, STEEL & CO., DEALERS IN



BOOKS, STATIONERY

Musical Instruments, SCHOOL BOOKS. A GENERAL ASSORTMENT OF THE BEST Standard Publications.

TEACHERS' REQUISITES. Such as Globes, Maps, Charts, Crayons, Call Bells, Rewards, &c.

MISCELLANEOUS BOOKS. A general assortment, and everything published in the United States or Europe imported to order on short notice.

We invite especial attention to our stock of

Mason & Hamlin Organs,

THE BEST IN THE WORLD! CHICKERING, MARSHALL & MITTAUER, AND EMERSON PIANOS!

FLUTES, VIOLINS, ACCORDEONS, &c., &c. A complete assortment of MUSIC INSTRUCTION BOOKS.

H. D. BOON, DEALER IN...

BOOKS, STATIONERY

MUSIC, Periodicals, Newspapers, Wall Paper,

Musical Instruments

THE CELEBRATED BURDETT ORGANS

Hallett and Cumston's Pianos

Always on hand.

These instruments are FAVORITES with all musicians, and this Store is the resort of all who wish to buy Goods cheap.

H. D. BOON, Commercial street, Salem.

Seed Wheat.

2,000 BUSHELS CHOICE WHITE CHILL CLUB SPRING WHEAT for sale at my residence, six miles south of Albany. At \$1.50 per Bushel.

Jan 20-2m. MARTIN LUPER.

SOMETHING NEW ON THE PACIFIC COAST!

BOSWELL'S Standard Fruit Dryer, ROOM HEATER, CLOTHES DRYER

Iron Heater, Bread Raiser, Dairy Heater, &c., COMBINED!

POSITIVELY THE MOST PROFITABLE and useful invention of the age, combining cheapness, durability and economy, and can be applied to a greater variety of purposes than any other machine extant.

As a Fruit Dryer, It stands unrivaled, and is acknowledged by scientific men to contain the only true principles for drying fruit, and is so simple in construction that a mere child at once understands and operates it.

As a Room Heater, The Prismatic Cylinder concentrates the heat, lightens the carbon, and produces more heat than any other known device, which, being distributed by the perforated shield in double currents of hot air, will heat two, three, or even four rooms (if properly connected) with less fuel than any one of the same rooms can be heated to the same temperature by any stove or heating apparatus in use, while at the same time it destroys all noxious gases, causing a pleasant and healthy atmosphere and even temperature throughout all the apartments.

As a Clothes Dryer, IT HAS NO COMPETITOR, and wherever known is hailed with delight by the ladies, as the greatest labor-saving invention of the age.

In Lumber Drying, The principles of this invention, as applied, are invaluable and without competition.

MILLINERS, BAKERS, URGAR MANUFACTURERS AND OTHERS Will find it greatly to their advantage to see this machine and investigate its properties.

We could publish columns of testimonials from the best citizens of Ohio, Indiana, Illinois, Michigan, Iowa, and other States, of its superiority over any invention of the age, but as the machine must stand on its own MERITS, it must be seen in operation to be fully appreciated.

FARMERS, BRING YOUR FAMILIES TO SEE THIS

Boswell Heater and Dryer. It is exactly what you want and need, regardless of any dry-house or kiln you may now have. We do not ask you to buy a complication of patent rights, merely from an examination of a model; but come and see the full-sized machine perform its work as represented.

There is no Dwelling House, Church, Seminary, Public Hall, Hotel or Restaurant, to which this machine is not applicable, useful and profitable. Ladies and gentlemen, you are respectfully invited to call and examine the machine for yourselves, for it is impossible in a short advertisement to enumerate all the good qualities of this truly wonderful, yet simple, FAMILY FRIEND.

Seven claims are secured by letters patent, which places it beyond the reach of a rival.

The subscriber, having purchased the exclusive right for the State of Oregon, is now manufacturing them for sale, on State Street, in Salem, where a variety of styles and a machine in operation can be seen at any time.

JOHN CARR, Opposite Gill, Steel & Co.'s Book Store, Salem, Oregon.

Willamette University, SALEM, OREGON.

THE OLDEST AND LARGEST INCORPORATED School in Oregon. Classical, Commercial, Normal, and Scientific Courses of Study. For full information, address the President, T. M. GATCHE, or C. N. TERRY, Secretary Board of Trustees.

Ayer's Cherry Pectoral.

For Diseases of the Throat and Lungs, such as Coughs, Colds, Whooping Cough, Bronchitis, Asthma and Consumption.

The few compositions, which have won the confidence of mankind and become household words among not only one but many nations, must have extraordinary virtues. Perhaps no one ever secured so wide a reputation or maintained it so long as AYER'S CHERRY PECTORAL. It has been known to the public about forty years, by a long continued series of marvellous cures, which have won for it a confidence in its virtues, never equalled by any other medicine. It still makes the most effectual cures of Coughs, Colds, Consumption, that can be made by medical skill. Indeed the Cherry Pectoral, has really robbed these dangerous diseases of their terrors, to a great extent, and given a feeling of immunity from their fatal effects, which is well founded, if the remedy be taken in season. Every family should have it in their closet for the ready and prompt relief of its members. Sickness, suffering, and even life is saved by this timely protection. The prudent should not neglect it, and the wise will not. Keep it by you for the protection it affords in sudden attacks, and by its timely use.

PREPARED BY Dr. J. C. AYER & Co., Lowell, Mass., Practical and Analytical Chemists. And sold by Druggists all around the world.

W. SMITH & DAVIS, Wholesale Agents, Portland, Dec 23-3m.