

FARMERS' COLUMN.



Feeding Value of Oats, Beans, and Bran.

Every good groom knows that sound oats and beans, in due proportion and at least a year old, is a very good food for a galloping horse—the only food on which it is possible to get the very best condition out of a race horse or a hunter. It has also recently been shown that horses do slow work and get fat—indeed, too fat—on maize—Indian corn, which is frequently one-third cheaper than the best oats. In the East, horses are fed on barley, and it is a popular idea with English owners who have lived in Persia and Syria that the change of food from barley to oats often, when imported, produces blindness in Arab horses. Now, although no one understands better or as well how to get blood horses into galloping condition as English grooms, they do not, and few of their masters do, know the reason why oats and beans are the best food for putting muscular flesh on a horse. The agricultural chemist says in here, makes the matter very plain, and shows that if you want very Indian corn, though nominally cheaper, is not cheap at all. According to Dr. Volcker's and other chemists' analyses, we find, in round numbers, in oats, beans, barley and maize, the following constituents:

Table with 4 columns: Component, Oats, Beans, Barley, Maize. Rows include Water, N, Protein, Fat, etc.

It was a common saying in Leicestershire before deep draining, clean-cut fences increased sheep feeding, had improved agriculture at the expense of fox hunting, after one of those five and forty minute runs at best pace that are now so rare, "I found out the horse that ate beans and best oats." In fact they made experiments they did not understand, which it was left for the modern chemist to explain.

When we feed a bullock, a sheep or a pig for sale, after he has passed the store stage we want to make it fat as quickly and as cheaply as possible; but with a horse for work the object is, give him muscle—in common language, hard flesh. There are times when it is possible to make a horse fat, for a state, when he is going up for sale after a severe hunting season. For this purpose, an addition of about a pound and a half of oil cake to his ordinary food has a good effect. It is especially useful when a horse that has been closely clipped or stung is in low condition. It helps on the change to the new coat by making him fat, a horse in low condition changes his coat very slowly. Now all cakes is composed of:

Table with 2 columns: Component, Value. Rows include Moisture, Oil, Protein, etc.

Disinfectants, and How to Use Them.

Drafts of air for all floating fungus; dry rubbing for all scabbing of all attached fungus in most cases admit of no effective disinfection.

Submergence in boiling water is applicable to the cleaning of all garments, utensils, etc., admitting of such a method; and dry boiling or freezing cold will also neutralize infective particles.

To disinfect a room, ship, or building, so needing disinfection that its contents and surfaces cannot be dealt with singly, close the room or building—its windows, doors, and chimneys—so as to exclude the outer air as far as possible.

A valuable disinfectant, chiefly because it contains from thirty to thirty-five per centum of chlorine, which is liberated under proper methods of use. If purchased for cities it should be tested as to the amount. It is not overrated as a disinfectant if only its quality is known and its mode of use is judicious. It needs slight moistening, frequent stirring, and sometimes the addition of acid, as vinegar or common spirits of salt. The best of its effect is on the odor of the oil. It is kept constantly precipitable.

usually known as Labarraque's Solution, is a convenient liquid preparation, valuable for use in saucers in the sick room or in utensils. Its odor should be perceptible to strangers entering.

All these have value, chiefly to be tested by the possibility with which they correct odors. Fresh slaked lime should be scattered in all places of foul odor. It or charcoal or plaster may be scattered over heaps emitting foul odors. Calc powder is made by pounding one bushel of dry fresh charcoal and two bushels of stone lime and mixing them, and is of great practical use. All these substances absorb foul gases and dry up moisture, and so help to retard decomposition or else absorb its results.

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Daily Excursion to Cape May AND RETURN THE SAME DAY.

THE FAMOUS, MAMMOTH, THREE-DECK STEAMER "REPUBLIC" leaves Cape May at 10 A. M., arriving at Cape May about 12 P. M. Returning, leaves Cape May at 2 P. M., giving ample time for bathing or a drive on the beach. A full R. R. car and car for excursions for fishing, boating, etc., are provided. Dinner and supper are served for a few moments after taken from the water.

Fare for the Round Trip, One Dollar. SUNDAYS—will leave Race Street Wharf at 7 A. M., and return to the city early in the evening. This is one of the most pleasant excursions out of Philadelphia.

Daily Excursion to SEA BREEZE!

The splendid Saloon Steamer "JOHN A. WARNER" leaves Chestnut Street Wharf Daily at 8:15 A. M., for Sea Breeze, (about 65 miles), down the Delaware Bay, arriving back to the city early in the evening. This is one of the most pleasant excursions out of Philadelphia. A Musical Entertainment and Dancing will follow the trip. Refreshments in abundance. Dinners, Suppers, etc. All the conveniences for Salt Water Bathing, Fishing, Boating and other Amusements are provided.

Fare, 60 cts. Children, 30 cts. June 28, 1879-'80

NEW STORE!

New Goods! New Prices!

I respectfully announce to the citizens of Lehigh and vicinity that I have leased the Old Post-Office Stand, on BANK Street, Lehigh, and that I am now receiving a full line of Notions and Fancy Goods, consisting of Ladies' and Gentlemen's Underwear, Hosiery, Handkerchiefs, Jewelry, Ribbons, Ruches, lady's hand-made Clouds, Gloves, Fancy Soaps, Brushes, Combs, Buttons, Collars, Machine Needles and Oil, Zepthers, Fancy Stationery, and all other articles usually kept in my line.

PERRY CABINET ORGAN.

Call and examine my goods; the prices are so low that they cannot fail to suit all.

Drugs and Medicines!

The People's Drug & Family Medicine Store.

If you want anything in the Drug line at bottom prices, go to the Old and Reliable Drug Store, in Dr. N. B. Reber's Block, near the Post Office,

A. J. DURLING, Proprietor,

Pure Drugs, Medicines, Chemicals, Perfumery, Soaps, Brushes, Combs, &c. Lamps, Lanterns, Chimneys, Burning & Lubricating Oils. A Complete Line of Druggists' Sundries. Trusses, Supporters, and Shoulder Braces. Pure Wines and Liquors of all kinds for Medicinal and Sacramental purposes. Wall Paper and Borders, a great variety. Personal attention given to the compounding of Physicians and Family Prescriptions.

Valentine Schwartz

Respectfully announces to the people of Lehigh and its vicinity, that he has just enlarged his Manufactory by the addition of another story, and that he is now prepared to furnish them with every description of

Household Furniture,

Manufactured from the best Seasoned Material, at Prices fully as low as the same articles can be bought for elsewhere. Here are a few of the inducements offered:

- Parlor Sets at from \$50 to \$60.00
Walnut Marble-top Dressing Case Bedroom Suites, 3 Pieces, \$40 to \$65.00
Painted Bedroom Suites, \$18 to \$40.00
Cane Seated Chairs, per set of Six, \$6.00
Common Chairs, per set of Six, \$4.00
and all other goods equally cheap.

In this connection, I desire to call the attention of the citizens to my ample facilities in the

UNDERTAKING

BUSINESS, with a new and handsome Hearse, and a full line of Caskets and Coffins, I am prepared to attend promptly to all orders in this line, at lowest prices.

Patronage respectfully solicited and the most ample satisfaction guaranteed. V. SCHWARTZ, Oct. 12, BANK Street, LEHIGHTON, PA.

Important to Builders, &c.

Weissport Planing Mill,

JOHN G. BIERY, Agent, Is prepared to furnish all kinds of Dressed Lumber, Sash, Doors, Blinds, Shutters, Mouldings, Brackets, Ballusters, Window and Door Frames, Scroll Sawing, Turning, Planing and Rippling done at short notice and at Prices to Suit the Times.

Our Machinery is all New and of Latest Pattern.

Contractors and Carpenters are invited to call for Specifications, which will be cheerfully furnished.

Special attention given to Orders by Mail. Thankful to our patrons and friends for past favors, we ask a share of patronage in the future

Very Respectfully, JOHN G. BIERY, Agent For the Weissport Planing Mill. P. O. box 63, Jan. 4-'81

The Best and Most Popular Pulmonic is



Hale's Honey of Horhound & Tar.

It invariably Cures Coughs, Colds, Hoarseness, Sore Throat, Asthma, Whooping Cough, and other Affections of the Breathing Organs.

Nothing influences more the irritated lining of the air passages, so due to the fact that its ingredients are the most efficacious pulmonary medicine known to medicine today.

A Cough may be fully cured by the Pulmonic Honey of Horhound and Tar, if used in the early stages of the disease.

CHILDREN derive great benefit from the sweetening property attending with the purgative of Croup and Whooping Cough. The sweetening effect of the Honey of Horhound and Tar is a few weeks' use will remove the cough, and the child will be as healthy as before.

C. N. Crittenton Prop'r, No 706 N. 6th Street, Philadelphia, Pa.

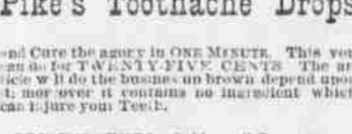
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Pike's Toothache Drops

and cure the agony in ONE MINUTE. This you can do by using PIKE'S TOOTHACHE DROPS. It is a most reliable remedy for toothache, and never fails to relieve the most severe cases.

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The Leading External Specific for DISEASES OF THE SKIN and Beautifier of the Complexion.

It renders the Cuticle Healthfully Clear and Smooth, and is the Best Possible Substitute for Expensive Sulphur Baths.

It is an incomparable Remedy for RHEUMS, ULCERS, and every irritable or scaly eruption of the skin, and is a most reliable remedial agent and one of the most reliable in the treatment of the skin.

It is a most valuable DISINFECTANT of COUPERS, and is used by the Army and Navy for disinfecting their tents, and is used by the Police for disinfecting their uniforms.

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All Kind of GRAIN BROUGHT AND SOLD AT REGULAR MARKET RATES.

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