

FARM NOTES.

ASHES VS. VEGETABLE MATTER.

A suggestive lesson may be derived from the following simple experiment: Upon one acre of land a farmer plowed in a quantity of corn-stalks, while upon another acre he spread the ashes resulting from the burning of an equal quantity of stalks. That upon which the stalks were burned gave the best start, but the acre upon which the stalks were plowed in soon caught up and surpassed the former, and finally matured the better crop. This experiment illustrates the difference between mineral fertilizers and decayed vegetable matter or humus. The minerals, being in a soluble condition, soon made themselves manifest in the increased growth produced. At first the buried corn-stalks had no effect upon vegetation except by increasing the porosity of the soil and by admitting larger supplies of atmospheric air to act upon the constituents of the soil. When the stalks commenced to decay, and the minerals were not only liberated from the stalks, but also from the soil in contact, then the corn which was planted upon the stalks began to pull ahead of that planted upon the plot fertilized with ashes. The value and efficiency of the ashes would be sooner exhausted than the vegetable matter of the stalks. Again, where the stalks were used the fertility of the soil would be increased, because in all probability the nitrogen contained in the stalks would remain intact until liberated by their decay. This substance would be in the form of ammonia and its compounds, that would again be decomposed before becoming plant food. In burning stalks, although all the minerals would be preserved in the ashes, yet it is quite certain that the nitrogen would be thereby expelled, thus robbing the plants of the fertilizing properties of that valuable agent. We should have made such experiments before establishing a theory, yet these suggestions might easily be followed out on other farms and by other farmers.

CELEBRATING RED CLOVER.

Professor S. A. Knapp notes that the composition of red clover is similar to that of cow's milk and he further celebrates the plant by adding information as to its appetite, flavor and food value. Clover is a wonderful feeder; it greedily devours barnyard manure and ashes, and has a special liking for gypsum. As a grain food it is not necessary to find a better. Placing a bunch of red clover when about seven or eight inches tall, beside a similar bunch of alfalfa, orchard grass, Italian ryegrass, etc., and allowing a cow, sheep and pig to decide the question of relative palatability, in every case the pig and sheep took the clover first, and in most cases the cow did the same. An acre of good clover will produce in one season twelve tons or more of green food, containing two and two-fifths tons of dry matter, equal to ninety bushels of corn, and more than its equivalent for food. Red clover when young has a nutritive ratio of one to two, which shows that it is nearly equal to oil-meal for growing young animals. As the plant approaches maturity the water, the ash, the fats and the albuminoids decrease, and the carbon-hydrates and crude fibre increase till in the full nutritive ratio is one to three—excellent food as hay, but not so strong in flesh-forming material as earlier.

SUNFLOWERS, which can be raised as cheaply and easily as corn, are a profitable crop. One pint of seed given to horses in their regular feed will give them a sleek appearance. The hayens are good to make hens lay. The flowers yield a good honey. The planting of sunflowers is reputed to be a preventive of miasmatic fevers.

SPIDERS have been found by Dr. C. Keiser, of Zurich, to be voracious destroyers of plant-feeding insects, and he contends that they play a more effective part in the preservation of the forests than all the insect-eating birds together. The value of the service rendered by spiders has been shown by observation on coniferous trees, a few broad-leaved trees and apple trees.

WHEN fowls are confined in limited quarters, construct the nests so that they may be in darkness, or at least in twilight. This is acknowledged to be a preventive of egg eating.

When you visit of New York City, have baggage express to the Grand Union Hotel, opposite Grand Central Depot. Large rooms, fitted up at a cost of one million dollars, and upwards per day. European plan. Elevator, restaurant supplied with all delicacies. Families can have letter for less money at the Grand Union Hotel than at any other first class hotel in the city.

The grandest of heroic deeds are those which are performed within four walls, and in domestic privacy.

No doubtful ingredients to do harm. French Hops, Burgundy Pitch and Gums in *Hoop's Plaster*.

Hoop's Plaster are sold by all druggists and country merchants. The best in the world.

Perseverance is the best school for manly virtue.

Hood's Sarsaparilla is made only by C. L. Hood & Co., Apothecaries, Lowell, Mass. It is prepared with the greatest skill and care, under the direction of the man who originated it. Hence Hood's Sarsaparilla may be depended upon as strictly pure, honest, and reliable.

Proud persons are neither safe nor happy.

Stop that Cough that tickling in the throat! Stop that Consumptive Condition! You can be cured! You can't afford to wait! Dr. Kline's Cough Cure (Consumption) will do it quickly and permanently. 25 cents.

Politeness is money, which enriches not him who receives it, but him who dispenses it.

FITs: All FITs stopped free. Treatise and special bottles of Dr. Kline's Great Nerve Restorer, for 25 Cents. Sent to Dr. Kline, 531 Arch St., Phila., Pa.

We should carry up our affections to the mansions prepared for us above, where eternity is the measure, felicity the state, angles the company, the Lamb the light, and God the inheritance and portion of his people forever.

"It Knocks the Spots," and everything in the nature of eruptions, blotches, pimples, ulcers, scrofulous humors, and incipient consumption, which is nothing more nor less than scrofula of the lungs, completely out of the system. It stimulates and invigorates the liver, tones up the stomach, regulates the bowels, purifies the blood, and builds up the weak places of the body. It is a purely vegetable compound, and will do more than is claimed for it. We refer to "Dr. Pierce's Golden Medical Discovery."

Raise no more spirits than you can conjure down, say, at four swallows.

"A Good New," are the words used by a lady, who was at one time given up by the most eminent physicians, and left to die. Reduced to a mere skeleton, pale and haggard, not able to leave her bed, from all those distressing diseases peculiar to suffering females, such as displacement, leucorrhoea, inflammation; etc., etc. She began taking Dr. Pierce's "Favorite Prescription," and also using the local treatments recommended by him, and is now, she says, "a good new."

Rather go to bed supperless than rise in debt, now that the bankrupt law has expired.

For weak lungs, spitting of blood, shortness of breath, consumption, night sweats and all lingering coughs, Dr. Pierce's "Golden Medical Discovery," a sovereign remedy. Superior to cod liver oil. By druggists.

A spendthrift lets go the bridle, grabs his steed by the mane and yells "Whoa, Emma!"

No matter in what part you live, you had better write to Hallett & Co., Portland, Maine, without delay; they will send you free information about work that you can do and live at home, at a profit of from \$5 to \$25 and upwards daily. A number have earned over \$50 in a day. Both sexes. All ages. You are started in business free. Capital not needed. Every worker that takes hold at once is absolutely sure of a snug little fortune. Now is the time.

Sow good thoughts and you will reap good actions.

The Fraser Axle Grease is better and cheaper than any other, at double the price. Ask your dealer for it, and take no other.

If you cannot tolerate a liar thou art half a liar thyself.

ST. BERNARD VEGETABLE PILLS.

COCKLE'S ANTI-BILIOUS PILLS.

Magnificent WORKS of ART.

FARMERS WORK PATENTS.

TANSILL'S PUNCH.

WE GUARANTEE YOU TO RECEIVE FREE.

FRAZER AXLE GREASE.

WE WANT YOU!

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KIDNEY'S PASTILLES.

Dyspepsia

Does not get well of itself; it requires careful, persistent attention and a remedy that will assist nature to throw off the causes and tone up the digestive organs till they perform their duties willingly. Among the agonies experienced by the dyspeptic, are distress before or after eating, loss of appetite, irregularities of the bowels, wind or gas and pain in the stomach, heart-burn, sour stomach, etc., causing mental depression, nervous irritability and sleeplessness. If you are discouraged by all of these, and try Hood's Sarsaparilla. It has cured hundreds; it will cure you.

Hood's Sarsaparilla

100 Doses One Dollar

LYDIA E. PINKHAM'S VEGETABLE & COMPOUND WILL HELP ANY WOMAN

Its purpose is solely for the legitimate healing of disease and the relief of pain, and that it does all it claims to do, thousands of ladies can gladly testify. It has stood the test of twenty years in relieving periodical pain, promoting regularity of seasons, and banishing weakness, backache and consequent nervous distress. Probably no other woman in the world receives so many "letters of thanks" as Lydia E. Pinkham, of Lynn, Mass. Mrs. D. of Enfield, N. H., says: "I will simply say that your Vegetable Compound is all you recommend it to be. It has done me worlds of good." Another lady writes from Ontario as follows: "I have just to-day bought the seventh bottle of your Vegetable Compound, have used two boxes of Pills and several packages of your Sensitive Wash, and think it best to tell you how much good I derived from your medicines. They are a regular God-send. All the pains and aches have almost disappeared, my stomach is much stronger and I feel myself improved every way." Price \$1. Sold by all Druggists.

DR. KILMER'S INDIAN COUGH CURE

CONSUMPTION OIL.

Every ingredient in this Vegetable Compound grows in eight of every sufferer. It has no Morphine, Opium or Injurious Drugs.

What Diseases Invade the Lungs? Scrofula, Catarrh, Polypus, Micro-organisms, Humors, and Blood Impurities.

What are the Primary Causes? Colds, Chronic Cough, Bronchitis, Congestion, Inflammation, Catarrh or Hay-Fever, Asthma, Pleurisy, Malaria, Mucous, Whooping Cough and Croup.

RELIEVES QUICKLY—CURES PERMANENTLY. It will stop that Coughing, Ticking in the Throat, Dry Hacking and Catarrh-driving. It is your Expectoration or Sputa. It is your Matter, Yellow, Green, or Pinkish. It is your Phlegm, Tubercular, Mucous, or Purulent. It prevents Decline, Night-Sweats, Hoarseness, and Breaks from the Lungs. 25c, 50c, \$1.00—6 bottles \$5.00.

DR. PARDEE'S REMEDY.

(The Only Reliable Blood Purifier.) A SPECIFIC FOR RHEUMATISM, Scrofula, Salt Rheum, Neuralgia, Ring Worm, And all other Skin and Blood Diseases.

It regulates the LIVER AND KIDNEYS. Cures Indigestion and all diseases arising from an enfeebled condition of the system. It is your Druggist for DR. PARDEE'S REMEDY and take no other. Price \$1. per bottle or six bottles for \$5. Manufactured by PARDEE MEDICINE CO., Rochester, N. Y.

GENTS.—For the past winter I have been very badly afflicted with rheumatism. About six weeks ago was confined to my bed, and whenever I was able to get around, was obliged to use crutches. All the time I had the best medical attendance.

After one week's use of Dr. Pardee's Remedy I was able to walk with a cane. I continued its use and can now move around without assistance of any kind, and am better in health than I have been for years. It has effected a permanent cure and I take pleasure in recommending it. C. L. FINNEGAN, Sup't. Fire Alarm Telegraph, City Building, Front Street. Send for pamphlet to Pardee Medicine Co.

CATARH.

Also good for Cold in the Head, Headache, Hay Fever, etc. etc.

ASTHMA CURED!

Pardee's Remedy for Catarrh is the Best, Easiest to Use, and Cheapest.

OPIMUM PILES!

DR. WILLIAMS' Indian Pile Ointment. Ing. Bleeding, Ulcerated or Protruding Piles, CURE GUARANTEED. Prepared by JOHN H. WILLIAMS, 100 N. 2nd St., Philadelphia, Pa. Price per box, 50c, and \$1. Sold by all Druggists.

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WELL DRILLING.

Nothing like Cass's Kidney Cure for Dropsy, Gravel, Bright's, Heart, Urinary or Liver Diseases, Nervousness, etc. Cure guaranteed. Office, 331 Arch St., Phila. A bottle, 6 for \$2.00, Druggists, Try It.

ANGELINA: "The man I marry must be handsome, brave and clever." Tompkins: "Dear me, how fortunate we have met!"

"Say! you are looking as if you had been to a funeral!" he exclaimed "as they met on Griswold street yesterday. "Well, it's almost that."

"Any relative died?" "Yes—an aunt."

"Poo! But may be she was rich?" "She was."

"And you were her pet." "Yes."

"And she left you \$50,000, and you want the public to think you feel sorry that she's gone?"

"She didn't leave me a copper, and I want the public to know just what I'm grieving over. Hang it! I've borrowed over \$3,000 on the strength of what I didn't get."

MISS ETHEL—"Yes, indeed, we girls are fully alive to the justice of popular criticism on chattering women, and that is why we organized our Thought Club."

Mr. Blank—"Thought Club?" "Yes; and it is doing us such a world of good."

"I don't doubt it."

"No, indeed. Why at the last meeting we talked for five whole hours on the advantages of silent meditation."

FIRST GIRL—"Oh! dearie, I really believe Mr. Fitzwattle's last poem was about you; now, wasn't it?"

Second Girl—"Yes, the brute."

"Why, what on the earth ails you?" "It's a perfect insult."

"Yes, insult. The idea of his using such an expression as 'chestnut hair,' just as if I bought it at a second-hand wig store."

"WHAT are you going to buy your wife for a present?"

"I am thinking of getting her a piano."

"Can she play?" "Oh, she can't. Do you suppose I'd be such a fool as to buy her a piano if she could play? I am going to get her a piano because it makes the parlor look so stylish."

COLORED SARCASTIC.—Imprecunious African—"Boss, can't yer gimme a dollar as a present? I hasn't done a lick of work in six months." Wealthy Gentleman of Leisure—"My colored friend, I haven't got anything to do myself, and haven't had for a great many years."

"Well, den, boss, we am bofe in de same fix, and ef I heabs ob a job of whitewashin', I'll go halvers wid yer, pore white man."

GENTLEMAN (to wife after leaving restaurant)—"The waiter seemed very grateful for the liberal tip I gave him."

Wife (sententiously)—"Very. Did you overhear what he whispered to the waiter at the adjoining table?"

"Yes, part of it. What was it?" "Something about fools and their money being soon parted."

"A BURGLAR who was doing a neat job on a large safe was horrified, on looking up, to see a man standing quietly beside him."

"He was about to retire, when the gentleman said: "Go ahead, I am interested in that job." "Why?" asked the astonished burglar. "Because I have forgotten the combination, and no living person knew it but myself. If you can get that safe open, I'll make it worth your while."

NELLIE—"Were you ever tobogganing in Canada?"

Minnie—"Yes, but it isn't half so nice as it is in Omaha."

"Too cold?" "No, that doesn't matter; but the slides are so awfully steep."

"Steeper than ours?" "Oh, ever so much. Why they are so dangerous that the gentlemen don't do a thing but just watch the course and steer."

"No, George," she said, "I cannot marry you. I shall always esteem you as a friend, but I cannot be your wife."

George hesitated. "Clara," he said, brokenly, "will you grant me one favor before I go away forever?"

"Yes, George," she replied kindly, "What is it?" "Please put your refusal down on paper. I'll feel safer."

26,587,335 BOTTLES OF

Warner's SAFE Cure Sold, to Dec. 27, 1886.

No Other Remedy in the World Can Produce Such a Record.

This wonderful success of "Warner's SAFE Cure" is due wholly to the real merit of the Remedy. For a long time it has been REGARDED BY THE HIGHEST MEDICAL AUTHORITIES AS THE ONLY SPECIFIC FOR KIDNEY, LIVER AND URINARY DISEASES AND FEMALE COMPLAINTS.

Thousands of people owe their life and health to "Warner's SAFE Cure" and we can produce 100,000 TESTIMONIALS to that effect.

Read the following and note the large number of bottles distributed. We guarantee these figures to be correct, as our sales-books will prove.

- Boston, 1,149,122. Pennsylvania, 1,821,218. CAPT. W. D. ROBINSON (U. S. Marine Insp., Buffalo, N. Y.), in 1855 was suffering with a skin humor like leprosy. Could not sleep; was in great agony. For two years tried everything, without benefit. Was pronounced incurable. "Twenty bottles of Warner's SAFE Cure completely cured me, and to-day I am strong and well." (Feb. 5, 1885.) Chicago, 2,808,693. MR. R. BROWN (222 Woodward Ave., Detroit, Mich.) injured his back from a fall. Was confined to his bed six weeks. The fall injured his kidneys, producing intense suffering. Warner's SAFE Cure restored his strength and brought his system to normal condition, and he writes "I am now eighty years of age smart and active." Detroit, 846,946. MRS. THOS. SCHMIDT (Wife of the Vice-Consul of Denmark, 60 Wall St., New York), reported that her little son, after an attack of Diphtheritic Sore Throat eight years ago, was afflicted with Bright's Disease in advanced form; by the advice of Gen'l Christensen, of Dresden, Morgan & Co., Bankers, New York, she prescribed Warner's SAFE Cure, with the consent of the physicians, and reports, "the physicians say that he will be perfectly cured." Milwaukee, 458,894. MISS Z. L. BOARDMAN (Quebec, Vt.), in May, 1882, began to bleed, then came diarrhoea, terrible headache, and finally the doctor's opinion that it was Bright's disease, and incurable. Eventually she became nearly blind, pronounced by the doctors to be the last stage of Bright's disease. After having been under treatment by Warner's SAFE Cure for one year, she reported, "I am as well as any one." Minnesota, 648,017. HON. N. A. PLYMPTON (Worcester, Mass.), in May, 1882, was prostrated by Gravel. Under the operation of Warner's SAFE Cure alone he passed a large stone, and subsequently wrote, "I have had no recurrence of my trouble since Warner's SAFE Cure cured me." New York State, 3,870,773. Bal. N. W. States, 1,767,149.

ASK YOUR FRIENDS AND NEIGHBORS ABOUT WARNER'S SAFE CURE. The Most Popular Remedy Ever Discovered.

- Cleveland, 682,632. St. Louis, 1,539,527. EX-GOV. R. T. JACOB (Westport, Ky.), in 1882 was prostrated by the severe Kidney trouble, and lost 40 pounds of flesh. After a thorough treatment with Warner's SAFE Cure he reports, "I have never enjoyed better health." Cincinnati, 873,667. GEN. H. D. WALLER (144 Madison Ave., New York), scarcely able to walk two blocks without exhaustion, and, having lost flesh heavily, began the use of Warner's SAFE Cure and says: "I was much benefited by it." Bal. Ohio, (State), 633,158. COL. JOSEPH H. THORNTON (Cincinnati, O.) in 1882 reported that his daughter was very much prostrated; had palpitation of the heart, intense pain in the head, nervous disorder and catarrh of the bladder. She lost fifty-five pounds. When all remedies failing, they began the use of Warner's SAFE Cure, SAFE PILLS and SAFE NERVE, and within three months she had gained fifty pounds in weight and was restored to good health. That was three years ago, and she is still in as good health as ever in her life. Col. Thornton, himself, was cured of Chronic Diarrhoea of eighteen years standing, in 1881, by Warner's SAFE Cure. Southern States, 3,534,017. C. H. ALLEN (Leavenworth, Kan.), son of Edwin, two years of age, afflicted with extreme case of Bright's disease, and the doctors gave him up. By the advice of the doctor's wife, began the use of Warner's SAFE Cure, and after taking seven bottles he is perfectly well and has had no relapse. Canada, 1,467,824. "Every Testimonial we publish is genuine. Write to the testators, enclosing stamp for reply, and learn for yourselves."

MEDICAL OFFICES, 208 N. Second St., Philada. Formerly Dr. J. N. & J. B. HOBENSACK. Established 40 years. For the cure of all Special DISEASES OF MEN, including VARICOCELE, Etc. Call or write and be cured by a Graduate of Jefferson College, with Hospital Experience. Hours, 8 to 9, 6 to 7, 9 to 10.

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