

FARM AND GARDEN.

What Made the Butter Bad.

A writer in *Hoard's Dairyman*, finding something wrong about the butter from a herd of fifty-two cows, made a thorough investigation with the following results: "Every possible source was overhauled, till at last it was traced to the milk of one particular cow, which had been observed, when the cows were out at their daily watering, to make persistently for the dirtiest puddles in the yard, and drink these in preference to the running water to which she had free access with the rest. When her milk was kept separate it was found that the milk of the other fifty-one was all right."

Cheap Ensilage.

A correspondent of the *Michigan Farmer* says the cheapest way to make a silo is to use the bay in a barn and make the sides tight. He uses clover cut up and packed tight. After the silo is full it should be weighted heavily and covered tightly. Twelve acres of clover put in a silo make more feed than twelve acres of hay, and is better for cows in milk.

A New Hampshire farmer says that the idea that the silo must be filled at once and immediately covered and weighted is being gradually disregarded, while the plan of gradual filling is being adopted. This requires less help and is attended with much less expense. The process can be carried on for an indefinite length of time and no loss of time occur, and the work stop at any time for two or three days with no perceptible loss. By this method a good degree of heat is developed and the silo will hold a great deal more than when filled at once and closed. Besides, it is thought the ensilage is much better.

How to Make a Good Lawn.

Spring is the time to start lawns, and, as they are usually permanent, the work should be well done. The soil should be deep and rich, not so sandy as to dry out quickly, or clayey as to crack or bake. The seed-bed should have a smooth, even grade, and may be nearly flat, gently rolling, or both. Avoid, by all means, a dish or uneven surface. A stout garden line stretched taut between any two points will show whether the land is level or not. If not, move the higher portions into the depressions. One accustomed to the work rarely needs a line, but for accurate work it is best to use it, and if space warrants, several at once. After leveling, spade it, if a small plot, or plow if large enough, and harrow or rake to a fine surface when it is ready for the seed. Sodding is the quickest way to get a lawn. This is done by placing thin layers of grass or lawn sod, evenly cut, on previously prepared ground, fitting nicely together, and rolling or packing down with a flat rammer. It is desirable to spread a little good soil over the lawn to fill up the cracks between the sods and to give the grass a good start.—*Prairie Farmer.*

How to Keep Cellars Dry and Cool.

A great mistake is sometimes made in ventilating cellars and milk houses. The object of ventilation is to keep the cellars cool and dry, but this object often fails of being accomplished by a common mistake, and instead the cellar is made both warm and damp. A cool place should never be ventilated, unless the air admitted is cooler than the air within, or is at least as cool as that or a very little warmer. The warmer the air the more moisture it holds in suspension. Necessarily, the cooler the air the more the moisture is condensed and precipitated. When a cool cellar is aired on a warm day, the entering air in motion appears cool; but as it fills the cellar the cooler air with which it becomes mixed chills it, the moisture is condensed, and dew is deposited on the cold walls, and may often be seen running down them in streams. Then the cellar is damp and soon becomes mouldy. To avoid this, the windows should only be opened at night, late—the last thing before retiring. There is no need to fear that the night air is unhealthy—it is as pure as the air at midday, and is really drier. The cool air enters the apartment during the night, and circulates through it. The windows should be closed before sun rise in the morning, and kept closed and shaded through the day. If the air of the cellar is damp, it may be thoroughly dried by placing in it a peck of fresh lime in an open box. This quantity of lime will absorb about seven pounds or more than three quarts of water, and in this way a cellar or milk room may soon be dried, even in the hottest weather.—*Health and Home.*

How to Grow Asparagus.

I commenced my thirty years' experience in raising asparagus for market with one acre, writes W. H. Teele to the *New York Herald*, and have set out during that time twelve acres. I find the best soil for it is a sandy loam with a sandy sub-soil—not gravel. I find only one kind of asparagus, difference in soil and location causing the difference in looks. I would never set two-year-old roots if I could get good one-year-old. I have set from six to fourteen inches in depth. My best beds to-day are those set twelve inches. I find that after two or three years it produces fully as much and grows more evenly by not being affected so much by the heat and cold; it is easier cultivated and is less liable to injury in cutting.

I have used nearly all kinds of fertilizer, stable manure, phosphates, ground bone, potash salt and bones prepared with acid. I find one ton per acre of dissolved bone, 500 pounds of muriate of potash and ten bushels of salt gives me the best results. Plough under the fertilizer three or four inches deep and sow the potash and salt on top. The salt acts a double purpose by drawing moisture and also stunts the weeds

for a while. In the spring I mow, rake and burn the old tops; plow and harrow with an Acme harrow. Do not use leveler or brush, as the high winds are apt to blow the sand and dust against the stalks, causing them to crack. Cultivate between the rows. The first week in June plow two light furrows onto each row, thus burying the weeds. Then rake lightly to leave a level surface. When through cutting split open the rows and harrow. Keep out all the weeds with cultivator and hoe during the season. Do not cut the tops in the fall, as they protect the roots and keep on the snow; the fine leaves that drop off also furnish fertilizer for the roots. A good bed should yield about 300 dozen bunches per acre, each bunch weighing 1 1/2 lbs.

I have raised as large stalks as any that I have seen or heard of, weighing from 1 lb. to 19 oz. on a single stalk, 10 inches in length. They are caused by a number of heads developing into one as they start from the root, and are seldom seen again on the same root.

The Value of Good Seeds.

A correspondent of the *New England Farmer* writes: Few farmers give enough attention to the proper selection of seeds. The price is of little importance provided one gets just what he wants, pure, true to name and of good germinating force. Take cabbage seed for instance. Every year there are acres of cabbage stumps set and the seed put on the market which is comparatively worthless. The seed should be grown from cabbage heads carefully selected in the fall; those which least resemble the true type of the variety should be cast aside and sold, only the true stock being kept for resetting for seed.

No farmer who proposes to grow onions for market should buy seed that he knows nothing about. Price is no object. If onion seed is selling at one dollar per pound and some grower has by careful selection, hand shelling, etc., produced seed that is worth really twice as much by the labor and care bestowed on it, ought he not to ask two dollars per pound. Some buyers will refuse to pay it, thinking the cheapest will be good enough. But suppose the seed fails, proves to be of some inferior variety, full of scullions and with a tendency to "stiff neck," the labor and seed are both lost. I have grown 1030 bushels per acre of white globe onions from selected seed for which I paid \$3 per pound, while an adjoining planting immediately beside the first on same land and under the same conditions did not produce bushels enough to be profitable; the seed cost only \$2 per pound. I have grown 880 bushels red globe per acre, and 778 Wethersfield large red, and I have seen over 1200 bushels of the latter on a single acre. Many seeds that go through dealers' hands are mixed with old or cheaper seed, the germinating power of which has been destroyed by heat, so that they will not come up and expose the fraud. The farmer wonders why his seed did not come up well, but does not think it was tampered with. Buy your seeds of some expert grower or seedsman who has a reputation, or grow them yourself.

Poultry for Farmers.

F. W. Gaylor in a paper read before the New York State Farmers' Institute, held at Chatham, N. Y., said: The first thing to be considered under this subject is: What relation does the poultry interests of this country bear to other products of the farm? In answer to this I have prepared a few statistics taken from the report of the Commissioner of Agriculture. I would ask you to go back with me to the year 1859, and compare the statistician's report of the poultry product of the United States with the other leading farm products up to date, so far as we are able to procure them.

In the year 1859 the poultry product of the United States amounted to \$75,000,000, corn \$369,680,878, wheat \$124,635,545, oats \$43,160,796. Thus it will be seen by the above figures that the poultry product of the United States for the year 1859 was about one-fifth of the corn product, and considerably more than one-half of the wheat product, and nearly double the oat product. Now we will pass from 1859 to 1879. In 1879 the poultry product was \$180,000,000, which is nearly 2 1/2 times what it was 20 years previous. The corn product was \$694,818,304, which is considerably less than twice what it was 20 years previous; wheat \$436,968,463, which is nearly 3 1/2 times what it was 20 years previous. The oat product was \$146,829,240, which is a little more than 3 1/2 times what it was 20 years previous. We will now pass to 1882, in which year the poultry product of the United States was \$560,000,000, the corn product \$783,867,175, the wheat product \$444,603,125, and the oat product \$182,978,022.

Thus it will be seen that the poultry product of the United States, in 1882, stands second to corn only.

After comparing these figures, who can say that the much-despised and often times abused American hen does not play an important part in the farming industries of this country?

One would suppose that when the poultry product of the United States had reached the enormous sum of \$500,000,000, as it did in 1882, that we were producing eggs enough to not only supply our own demands, but to also furnish half of Europe. But such is not the case for in the year 1886 there was imported into this country 16,092,583 dozens eggs, valued at \$2,173,454, and we only exported 252,202 dozens, valued at \$47,105; the excess of imports over exports being 15,810,381 dozens, valued at \$2,127,349.

Miss Homersham, who is lecturing in England on nursing, recommends that the sick room should contain only two chairs. "One, a very comfortable one for the nurse, and a very uncomfortable one for visitors who stay too long."



EXAMINE BEFORE YOU BUY.

WHEN in a grocer's store you stand
And cakes of IVORY SOAP demand,
Be careful not to be misled
And imitations take instead,
For dealers oft will praise sing
Of that which may more profit bring,
Let not your senses clouded be
Because a snowy cake you see,
For villainy is not confined
To darkest colors, bear in mind,

And oft the sham is not remote
From fairest face or whitest coat.
Examine well with careful eye
The cake until the name you spy,
And always thus be well assured
That IVORY SOAP you have procured,
And should a lingering doubt remain,
'Twill vanish like the darkest stain,
When in the tub on washing day
That cake of soap is brought in play.

A WORD OF WARNING.

There are many white soaps, each represented to be "just as good as the 'Ivory';" they ARE NOT, but like all counterfeits, lack the peculiar and remarkable qualities of the genuine. Ask for "Ivory" Soap and insist upon getting it.

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HERBRAND FIFTH WHEEL, Latest Bug Improvement. HERBRAND CO., Fremont, O. \$5 Lines not under the horse's feet. Write Brewster Safety Rein Holder Co., Holly, Mich.

TOWER'S FISH BRAND SLICKER Is The Best Waterproof Coat Ever Made. Don't waste your money on a gum or rubber coat. The FISH BRAND SLICKER is the only one that will keep you dry in the hardest snow. Ask for the "FISH BRAND" SLICKER and take no other. If your storekeeper does not have the "FISH BRAND", send for descriptive catalogue to A. J. TOWER, 20 Simmons St., Boston, Mass.

THE ONLY GUARANTEED CURE FOR WOMEN.

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The only medicine for woman's peculiar ailments, sold by druggists, under a positive guarantee, from the manufacturers, that it will give satisfaction in every case, or money will be refunded, is DR. PIERCE'S FAVORITE PRESCRIPTION. This guarantee has been printed on the bottle-wrappers, and faithfully carried out for many years.

THE OUTGROWTH OF A VAST EXPERIENCE.

The treatment of many thousands of cases of those chronic weaknesses and distressing ailments peculiar to females, at the Invalids' Hotel and Surgical Institute, Buffalo, N. Y., has afforded a vast experience in nicely adapting and thoroughly testing remedies for the cure of woman's peculiar maladies.

A BOON TO WOMEN. Dr. Pierce's Favorite Prescription is the outgrowth, or result, of this great and valuable experience. Thousands of testimonials, received from patients and from physicians who have tested it in the more aggravated and obstinate cases which had baffled their skill, prove it to be the most wonderful remedy ever devised for the relief and cure of suffering women. It is not recommended as a "cure-all," but as a most perfect Specific for woman's peculiar diseases.

A POWERFUL TONIC. A powerful, invigorating tonic, it imparts strength to the whole system, and to the uterus, or womb and its appendages, in particular. For overworked, "worn-out," "run-down," debilitated teachers, milliners, dressmakers, seamstresses, "shop-girls," housekeepers, nursing mothers, and feeble women generally, Dr. Pierce's Favorite Prescription is the greatest earthly boon, being unequalled as an appetizing cordial and restorative tonic. It promotes digestion and assimilation of food, cures nausea, weakness of stomach, indigestion, bloating and eructations of gas.

A SOOTHING NERVE. As a soothing and strengthening nerve, "Favorite Prescription" is unequalled and is invaluable in allaying and subduing nervous excitability, irritability, exhaustion, prostration, hysteria, spasms and other distressing, nervous symptoms commonly attendant upon functional and organic disease of the womb. It induces refreshing sleep and relieves mental anxiety and despondency.

A MOTHER'S CORDIAL. In pregnancy, "Favorite Prescription" is a "mother's cordial," relieving nausea, weakness of stomach and other distressing symptoms common to that condition. If its use is kept up in the latter months of gestation, it so prepares

the system for delivery as to greatly lessen, and many times almost entirely do away with the sufferings of that trying ordeal.

CURES THE WORST CASES. "Favorite Prescription" is the positive cure for the most complicated and obstinate cases of Leucorrhoea, or "whites," excessive flow at monthly periods, painful menstruation, unnatural suppression, prolapsus or falling of the womb, weak back, "worn-out," anorexia, nervous debility, bearing-down sensations, chronic congestion, inflammation, and ulceration of the womb, inflammation, pain and tenderness in ovaries, accompanied with "internal heat."

FOR THE KIDNEYS. "Favorite Prescription" when taken in connection with the use of Dr. Pierce's Golden Medical Discovery, and small laxative doses of Dr. Pierce's Purgative Pellets (Little Liver Pills), cures Liver, Kidney and Bladder diseases. Their combined use also removes blood taints, and abolishes cancerous and scrofulous humors from the system.

TREATING THE WRONG DISEASE.

Many times women call on their family physicians, suffering, as they imagine, one from dyspepsia, another from heart disease, another from liver or kidney disease, another from nervous exhaustion, or prostration, another with pain here or there, and in this way they all present alike to themselves and their easy-going and indifferent, or over-busy doctor, separate and distinct diseases, for which he prescribes his pills and potions, assuming them to be such, when, in reality, they are all only symptoms caused by some general disorder. The physician, ignorant of the cause of suffering, encourages his practice until large bills are made. The suffering patient gets no better, but probably worse by reason of the delay, wrong treatment and consequent complications. A proper medicine, like DR. PIERCE'S FAVORITE PRESCRIPTION, directed to the cause, would have entirely removed the disease, thereby dispelling all those distressing symptoms, and instituting comfort instead of prolonged misery.

3 PHYSICIANS FAILED. Mrs. E. F. MORGAN, of No. 71 Lexington St., East Boston, Mass., says: "Five years ago I was a dreadful sufferer from uterine troubles. Having exhausted the skill of three physicians, I was completely discouraged, and so weak I could with difficulty cross the room alone. I began taking Dr. Pierce's Favorite Prescription, and the local treatment recommended in his 'Common Sense Medical Adviser.' I commenced to improve at once. In three months I was perfectly cured, and have had no trouble since. I wrote a letter to my family paper, briefly mentioning how my health had been restored, and offering to send the full particulars to any one writing me for them, and enclosing a stamped-envelope for reply. I have received over four hundred letters. In reply, I have described my case and the treatment used, and have earnestly advised them to 'do likewise.' From a great many I have received second letters of thanks, stating that they had commenced the use of 'Favorite Prescription,' had sent the \$1.50 required for the 'Medical Adviser,' and had applied the local treatment so fully and plainly laid down therein, and were much better already."

Retrieved Womb. Mrs. EVA KOHLER, of Crab Orchard, Neb., writes: "Dr. Pierce's Favorite Prescription has done me a great deal of good. I suffered from retroversion of the uterus, for which I took two bottles of the 'Favorite Prescription,' and I am now feeling like a different woman."

Doctors Failed. Mrs. F. CORWIN, of Post Creek, N. Y., writes: "I doctored with three or four of the best doctors of these parts, and I grew worse until I wrote to you and began using your 'Favorite Prescription.' I used three bottles of it and two of the 'Golden Medical Discovery,' also one and a half bottles of the 'Purgative Pellets.' I can do my work and sew and walk all I care to, and am in better health than I ever expected to be in this world again. I owe it all to your wonderful medicines."

A VOICE FROM CALIFORNIA. Mrs. Ed. M. CAMPBELL, of Oakland, California, writes: "I had been troubled all my life with hysterical attacks and paroxysms, or spasms, and periodical occurrences of severe headache, but since I have been using your 'Favorite Prescription' I have had none of these. I also had womb complaint so bad that I could not walk two blocks without the most severe pain, but before I had taken your 'Favorite Prescription' two months I could walk all over the city without inconvenience. All my troubles seem to be leaving me under the benign influence of your medicine, and I now feel smarter than for years before. My physicians told me that I could not be cured, and therefore you will please accept my everlasting thanks for what you have done for me, and may God bless you in your good works."

Later, she writes: "It is now four years since I took your 'Favorite Prescription,' and I have had no return of the female trouble as I had then."

Well as I Ever Was. Mrs. JOHN STEWART, of Chippewa Falls, Wis., writes: "I wish to inform you that I am as well as I ever was, for which I thank your medicines. I took four bottles of the 'Favorite Prescription' and one bottle of your 'Discovery' and four bottles of the 'Pellets.' All of the bad symptoms have disappeared. I do all my own work; am able to be on my feet all day. My friends tell me I never looked so well."

Send ten cents in stamps for Dr. Pierce's large, illustrated Treatise (180 pages, paper covers) on Diseases of Women.

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R.R.R. Radway's Ready Relief

In from one to twenty minutes never fails to relieve Pain with one thorough application. No matter how violent or excruciating the pain, the Rheumatic, Bedridden, Inflamed, Crippled, Nervous, Neuralgic or prostrated with disease, may suffer, Radway's Ready Relief will afford instant ease. It instantly relieves and soon cures

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DIFFICULT BREATHING. Radway's Ready Relief is a Cure for every Pain, Sprains, Bruises, Pains in the Back, Chest or Limbs. It was the First and is the Only PAIN REMEDY

That instantly stops the most excruciating pains, allays inflammation, and cures Congestions, whether of the Lungs, Stomach, Bowels or other glands or organs by one application.

INTERESTINGLY, a half to a teaspoonful in half a tumbler of water will in a few minutes cure Cramps, Spasms, Sour Stomach, Nausea, Vomiting, Heartburn, Nervousness, Sleeplessness, Sick Headache, Diarrhoea, Colic, Flatulency and all internal pains.

MALARIA IN ITS VARIOUS FORMS CURED AND PREVENTED. There is not a remedial agent in the world that will cure Fever and Ague and all other Malarious, Bilious and other fevers, aided by RADWAY'S PILLS, so quickly as RADWAY'S READY RELIEF.

R. R. R. not only cures the patient seized with Malaria, but if purely exposed to the Malarial poison will every morning take 20 or 30 drops of Ready Relief in water, and eat, say a cracker, before going out, they will prevent attacks.

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The Great Liver and Stomach Remedy For the cure of all disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Female Complaints, Loss of Appetite, Headache, Constipation, Costiveness, Indigestion, Biliousness, Fever, Inflammation of the Bowels, Piles and all derangements of the Lateral Viscera. Purely vegetable, containing no mercury, mineral or other toxic drugs.

PERFECT DIGESTION will be accomplished by taking Radway's Pills. By so doing

SICK HEADACHE,

Dyspepsia, Foul Stomach, Biliousness will be avoided, and the food that is eaten contributes its nourishing properties for the support of the natural waste of the body.

Observe the following symptoms resulting from disease of the Digestive Organs: Constipation, Inward Piles, Fullness of the Blood in the Head, Acidity of the Stomach, Nausea, Heartburn, Discomfort of Food, Fullness or Weight in the Stomach, Sour Eructations, Sinking or Fluttering of the Heart, Choking or Suffocating Sensations when in a lying posture, Dimness of Vision, Spots or Webs before the Sight, Feverish and Bilious Pain in the Head, Deficiency of Perspiration, Yellowness of the Skin and Eyes, Pain in the Side, Chest, Limbs and Sudden Flushes of Heat, Forming in the Flesh. A few doses of RADWAY'S PILLS will free the system of all the above named disorders.

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