

# FARM AND GARDEN

## AN EXPERIMENT WITH A PAIR OF GERSE.

I let them run separately, writes William Rankin of Massachusetts, and fed liberally to see the best I could do. The goose laid fifty-one eggs; I only succeeded in getting thirty-seven good ones, and a horse got loose and killed one and another died. Leaving me thirty-five for market, I sold them for \$81.57. So that goose gave more profit than a cow and two hogs. Yet I did not feel satisfied with my hatch, which was under the average, and one of my neighbors beat me.—American Agriculturist.

## GROOMING FOR THE COWS.

Horses have much more often been made pets than cows have been. So far as grooming goes the average cow gets very little of it except what she can do herself by rubbing her shoulders and neck against the sides of the stable in which she is confined. Try a curry comb and brush on the cow as well as on the horse. Unless the cow is very thin the curry comb will be liked even better than the brush. The dirt in a cow's hair is always liable to get into the milk pail, as it is brushed out when the milker rubs against the animal in getting out of the narrow stall.—Boston Cultivator.

## PROTECTION FOR SMALL ANIMALS.

If large and small cattle or hogs are fed and housed together the smaller animals will hardly thrive. They will be whipped away from the trough and get less than their share of the food; and they will be driven around or from the shelter, and the large animals will severely profit from the misfortunes of their smaller fellows, as driving the others from feed and shelter will "work off a good part of the flesh from the extra feed. Sometimes the smaller animals are seriously injured and in the larger animals is developed a quarrelsome disposition that is not desirable, to say the least. Yet other considerations make it a bad plan to confine small and large animals in the same enclosure. Much better results will be secured by putting only a few animals in the same enclosure, and those of the same size.—New England Homestead.

## CONSUMPTION OF WHEAT.

The use of wheat for stock food complicates the difficulty of determining the consumption of this grain. It is calculated that in the West forty per cent. of the hogs are being supplied this grain and that it is being also fed in large quantities to all other classes of stock. The practice is spreading in the East in many sections, so that it would appear that the farmers have themselves solved the question what to do with their surplus wheat.

## WHEAT CERTAINLY IS SUPERIOR TO CORN FOR GROWING ANIMALS, AS IT CONTAINS ABOUT THIRTY PER CENT. MORE PROTEIN, OR TISSUE-BUILDING MATTER, THAN CORN.

On the other hand, corn produces fat and is the better food for finishing off animals. The two grains are not really rivals. The one serves as a complement of the other. Farmers will do well to study the feeding question and learn how wheat can be most profitably converted into animal products.—New York World.

## FEEDING POTATOES TO SHEEP.

There is no doubt of the value of the potato for feeding to sheep, but as this animal has but a weak digestion, it will be advisable to cook the potatoes for them, and add bran to the food. The starch of the potato is very indigestible when raw, and, as by cooking, the cells in which the starch is contained are broken, and the starch granules are swollen and burst by the expansion caused by the heat, the food thus prepared is fully and easily digested. There is more to be learned by experience in the management of sheep than from science, for this animal is peculiar and always will be, and thus the results of feeding other animals upon certain foods do not apply to sheep. So that it is wise, when one has got a good feeding ration for a flock, to avoid changing it, unless by the most careful preliminary experiments. But experience has shown that potatoes, boiled until they are mealy, in consequence of the rupture of the starch cells, and fed with the usual ration of bran—a pound for each full grown sheep—with a quart of potatoes not broken up, have been both digestible and nutritious.—New York Times.

## THE OXALIS.

Plants continually in blossom and requiring the least care give the most satisfaction, especially when they bloom during the dreary months of winter, says Mrs. C. F. Underwood. The oxalis is the most useful, all round window plant in cultivation, being so hardy it requires but a short rest and its bright green clover-like foliage is seldom injured by sudden changes of temperature. If partially frozen, a dash of cold water will restore its beauty. The mammoth oxalis has showy foliage but not the hardy qualities of the smaller variety and has less profusion of bloom. The beautiful, delicate, star-shaped flowers surprise one daily. They delight in sunshine and turn toward it and for this reason are frequently used as a window hanging plant. Its drooping stems are graceful on a small stand as a sitting room ornament. The pink blossom is more common, the pure white and yellow being rare. For soil, chip dirt fertilized with common liquid manure, or rich garden soil, is adaptable, the tubers being planted an inch below the surface. Give frequent showings. The common wood sorrel is a similar plant, easily potted and made to thrive, and hard to distinguish from the cultivated variety.

## CARE OF HORSES.

Keep your harness soft and clean, particularly the inside of the collar and saddle, as the perspiration, if allowed to dry in, will cause irritation and produce galls.

The collar should fit closely, with sufficient space at the bottom to admit your hand; a collar too small obstructs the breathing, while one too large will cramp and draw the shoulders into an unnatural position, thus obstructing the circulation.

Never allow your horse to stand on hot, fermenting manure, as this will soften the hoofs and bring on diseases of the feet, nor permit the old litter to lie under the manger, as the gases will taint his food and irritate his lungs as well as his eyes.

Do not keep the hay over the stable, as the gases from the manure and the breath of the animal will make it unwholesome.

Kindness will do more than brutality; therefore do not use harsh language to your horse, or lash or kick him. Bear in mind that he is very intelligent and sensitive, a willing servant, and deserving of your kindest treatment and thought.

Remember that horses are made vicious by cruel treatment; that it is speed which kills; that more horses are lame from bad shoeing than from all other causes; that a careless application of the whip has blinded many horses; that more fall from weariness than from any other cause and that no animal should ever be struck upon the head.—New York World.

## TEMPERANCE.

**LETTER FROM.**  
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And those slight derangements (trifling though they be)  
Prompt on other ailments, or some malady.  
Little drops of liquor, little slips of ale;  
Pulse beating quicker, faces grim and pale;  
Mixtures alcoholic, be they what you please,  
Will increase a colic, or a heart disease.  
Little drops of Burton, little slips of wine,  
Are a sure and certain health-destroying sign.  
Little drops of Absorb, little drops of Bass,  
Take away the senses, and make a man an ass.

—Medical Pioneer.

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## A SURGEON'S KNIFE.

gives you a feeling of horror and dread. There is no longer necessary for its use in many diseases formerly regarded as incurable without cutting. The Triumph of Conservative Surgery is well illustrated by the fact that RUPTURE is cured without the knife and without pain. Clumsy, chafing masses can be thrown away. They never cut but often induce inflammation, strangulation and death.

## TUMORS.

Ovarian, Fibroid (uterine) and many others are now removed without the perils of cutting operations.

## PILE TUMORS.

however large, or other diseases of the lower bowels, are permanently cured without pain or resort to the knife.

## STONE.

no matter how large, is crushed, pulverized, washed out and perfectly removed without cutting.

## STRICTURE.

of Urinary Passage is cured in hundreds of cases. For pamphlet, references and all particulars, in French or English, apply to World's Dispensary Medical Association, 651 Main Street, Buffalo, N. Y.

## MOTHERS.

and those soon to become mothers, should know that Dr. Pierce's Favorite Prescription, a safe and reliable preparation, is the best to take before confinement, and during the period of confinement, and after the birth of the child.

## FOOD ADULTERATION.

A recent Washington dispatch says the Consul at Annaberg has reported to the Department of State the result of the investigations conducted by the Society for the Prevention of the Adulteration of Food in Saxony, showing that 715 samples taken by the chemist of the association, 128, or 17.9 per cent., showed objectionable adulterations. Of nine samples of American dried fruits examined, eight were found objectionable. The fruit had a nice white color, but as they were dried on zinc plates, they contained the injurious substance of that metal. While in former years they were freely admitted to the market, their sale has been prohibited during the past year.

## Discovery of a Noted Watering Place.

The Worcester (Mass.) Gazette recalls the fact that Professor Agassiz, Dr. Howe, James Russell Lowell and other companion spirits used to spend their vacations together in some out-of-the-way unknown spot. Dr. Howe had at one time a camp, a log house of some size, on Little Amherst Pond, in the Adirondacks, not many miles from Marquette, on the Lower Saranac, but there was a four hours' carry through the woods. It was a small pond of the regular line of boat travel. It was the Agassiz-Howe party who discovered the little fishing village of Bar Harbor, on Mount Desert Island, with the ragged shore below and Green Mountain looming up in the near distance, rising as it does almost out of the sea. This must have been about the year 1858 or 1859.

## Why shouldn't there be a third party? It is true they disturb the smooth running of the regular organizations and sometimes overturn elections, but what is popular is founded on merit. As for instance, among all the remedies used for sprains and bruises, St. Jacobs Oil is the most popular because it is known to be the best; hence it is the Populist in medicine. There is no cropping from sprain where this remedy is used. It imparts new life and strength to the pain victims. Truly it is a Populist.

## ONE ENJOYS.

Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it the most popular remedy known.

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## TEMPERANCE NEWS AND NOTES.

A moderate drinker is sure to go on loosening the water and increasing the brandy. The number of hard drinkers living to-day in the United States is estimated to be 2,500,000.

## The latest census returns show that England spends every year for drink about \$720,000,000 and only \$60,000,000 for books.

The Aburdity of Intoxication.—If a man could only look at himself with a sober eye when he is drunk, he would never drink again.

## Joseph Hartley, a Winnipeg laborer, three months ago came into possession of a fortune of \$50,000. He died in the hospital a few days ago from excessive drinking.

We all need the pledge—some for one reason, others for another. The total abstainer is above all danger. He has a great advantage over the man who drinks.

## It is said that Benjamin Franklin, while working as a printer and a poor man, was known as the "American Aquatic," because he drank only water.

American breweries now make thirty-four million barrels of lager beer annually, and give employment to an immense army of workmen, saloon-keepers, and specialists in kidney disease.

## According to the statistical abstract of the United States the total consumption of wine in this country annually is over \$16 per capita, twice as much as the total amount of the Federal revenue.

According to a recent report of the Bureau of Finance, the consumption of alcohol per inhabitant in the various countries of the world is as follows: Germany, 11 quarts per inhabitant; Great Britain, 4.4; Austria-Hungary, 6.39; Belgium, 8.36; United States, 5; France, 6.67; Italy, 1.97; Holland, 3; Russia, 3.3; Switzerland, 5.

## MASSAGE FOR BLACK EYES.

Those who make a business of obliterating evidence of fistie encounters in the shape of black eyes by painting the damaged optics no longer admit a monopoly of such business. This I was told by a pugilistic acquaintance whose experience entitles him to be regarded as an authority