

FOR FARM AND GARDEN.

SWEET POTATOES AS FEED.

The tops of sweet potatoes make an important feed for stock, and especially for dairy cattle, says Bulletin No. 28 of the Texas station. Since they grow in bunches and stand up well they can be cut with a mowing machine and put up like regular forage crops. They also make a salad of very fair quality. Thirty-one varieties of sweet potatoes were tried and reported on.

FEEDING HOGS.

Professor Sanborn, who proves himself a highly successful farmer, as well as an agricultural professor and experimenter, made about 100 actual feeding tests with hogs of various weights, using various feeds and employing about 400 hogs. He found that on the average a certain amount of food being required to make a pound of gain on pigs weighing thirty-five pounds, 33 per cent. more food was required to make the same gain on pigs weighing seventy pounds, 14 per cent. more on pigs weighing 125 pounds, 19 per cent. more on pigs weighing 175 pounds, 22 per cent. more on hogs weighing 225 pounds, and so on up until 71 per cent. more food was required on hogs weighing 325 pounds. So that it is apparent that a hog fed at a fair profit until it reached 200 pounds would be fed at a loss shortly after it passed that weight, and if fed up to 350 or 400 pounds all profit would be destroyed.

LARGE EGGS AND BREEDS.

Some breeds lay very large eggs, the Minorca and Black Spanish being equal to any in that respect. Unfortunately, as eggs are sold by the dozen, there is no encouragement to farmers to keep breeds that lay large eggs unless they can manage to secure better prices than are usually allowed for eggs on the average, as large eggs will cost more than small. It is plain that if a hen lays small eggs which weigh a pound, she really does more work than the hen that lays ten eggs which weigh less than a pound, though the latter would be considered the better hen. It would be an advantage to poultry raisers if eggs were sold by the pound, as there would be a more equitable return for the cost of the food and the loss would be credited with the weight of eggs laid by each during the year, rather than by the number. There would be a greater demand for breeds that lay large eggs, and it would be found that some breeds that are not now so much in favor would take a front rank if eggs were sold by the pound.—Mirror and Farmer.

QUAINT AND CURIOUS.

Religion workers train thousands to crowd against each other.

Evidence of sin worship are found in the mythology of every land. In Damascus, drunken men are called victims of "The English disease." The first paper ever made in the world was made by wasps. They used it for building nests. Swords equally as fine as the famous blades of Damascus are manufactured in Bhutan, a State in the Himalayas. Jonathan Hulls in 1730 made a small steamboat. It failed to work, but had all the germs of Fulton's later invention. At an auction sale in Chicago a few days since an ivory table, which cost \$1,000 in China fifteen years ago, sold for \$17.

CHICKENS STUFFED WITH CHESTNUTS.

Deaf and dumb the chicken is usual. Roast one quart of large chestnuts; when done remove the shells and mash. Put one half the chestnuts in a bowl, add a tablespoonful of butter, a teaspoonful of salt, and a dash of pepper; mix and fill the chicken the same as with bread crumbs. Lard the breast thickly with salt pork; place the chicken in a baking pan and lard the top with a half teaspoonful of salt pork in a quick oven fifteen minutes to each pound, basting every ten minutes. When done, dish to serve with string and skewers, garnish with parsley. Put the remaining chestnuts in the pan in which the chicken was roasted, mix well, and add half pint of cream, stir until it boils, add salt and pepper to taste and serve in a bowl. Chickens may also be stuffed with oyster or potato stuffing.

ADDITIONAL CANNON MEN.

Additional cannon men for the United States army are being made from two ounces of butter, three eggs, one-half cup of yeast, one teaspoonful of salt, and one pint of milk. Put the pint of milk in a large boiler, and when hot pour it over the yeast, which should be beaten till light while the milk is heating. All the two ounces of butter and let the mixture stand until lukewarm; then add the yeast and stir in enough flour for a thin batter. Beat thoroughly and continuously five minutes, cover the bowl, and stand in a warm place till morning. A teaspoonful of flour is then added to the sponge, and when it is well beaten stir in enough more flour to make a stiff dough. Add the flour little at a time and work it in with the hand. Take out on the board and knead quickly and lightly for ten minutes. The dough is not as stiff as that for bread, but in the bowl, cover and stand till very light and warm again. Take out half the dough, roll it into a thin sheet, rolling from the center towards the edges. Spread with butter, scatter thickly with sugar, then sprinkle with dried raisins and cinnamon. Roll tightly in a long roll and cut into pieces about two inches long. Place the rolls tightly together in a greased pan, the outside up, and stand in a warm place overnight very light. Bake in a moderate oven half an hour, and take out of the pan and separate while hot. Use the remaining part of the dough in the same way as the first.—New York Post.

SCIENTIFIC STRAPS.

Every male elephant is liable to suffer some time or other. In England and East Turkistan thunder storms are wholly unknown. Brick dust mortar is said by authorities to be an excellent substitute for hydraulic cement. Neither chemists nor naturalists have yet been able to solve the question why a lobster turns red when boiled. Man is composed, according to the scientists, of five bucketsful of water and forty-five pounds of carbon and nitrogen. The body of a lizard exudes an acid fluid that serves as a protection to the animal. A dog will not hold a lizard in his mouth more than an instant and can rarely be induced to repeat the experiment. By exposing the chrysalis Vanessa atalanta to a low temperature, it showed great increase in the area of the scutellar bands on the wings, and a great increase in the area of white and bluish markings. Among the fellow-boarders of ants and white ant nests in Australia have been found a fly, an undetermined small moth, both from Sydney, and of beetles, two species of Psalaphida, a family often occurring in ant nests, an Anthraxus, and another undetermined beetle. A German electrical paper mentions a patent for an apparatus resembling the Bell radiophone, in which intermittent bands of light focussed on a glass vessel containing lampblack produces audible notes. Merriam has attempted to use this apparatus for a multipletele.

FOR THE HOUSEWIFE.

RECIPE DRESSING WHICH WILL KEEP.

Beat butter to a cream, add sugar and yolks of eggs; beat again until very light, wash the soda fine, add to the butter-milk, stir until dissolved, then add to other mixture. Add the flour, beat until smooth, then stir in quickly the whites of the eggs, well beaten. Bake in moderate oven about three-quarters of an hour.—New York World.

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A Swimming Monkey's Pranks.

Monkeys, as is well known, are like cats in dread of getting wet, says the Youth's Companion. On shipboard I have often laughed to see them scrambling from a heavy spray as it dished over the deck or landing together under the lee of the long boat during a passing shower. But on the ship Euphrates we had a monkey that was actually fond of swimming. One day while we were anchored in the roadstead off Cape Coast castle, on the west coast of Africa, the passengers were seated under the awning looking at some jewelry that had been brought on board by the natives and offered for sale. The captain's wife had a very rare ring made of African gold and engraved with the signs of the zodiac. It had been brought to her as an engagement ring by her husband, and was the dearest to her from the fact that he had been wrecked and picked up at sea with it on his finger. One of the passengers who had been looking at the ring and whose attention was attracted by some of the native jewelry, placed it on the cabin skylight beside her. The next moment a pet monkey jumped on the skylight, seized the ring and putting it in his mouth, jumped on the main-deck and ran forward. Instantly everyone was on his feet chasing the monkey. It ran from one end of the deck to the other, and then climbed aboard. Some of the sailors went up and drove it down again. When it reached the railing of the bulwarks it passed and looked around. The sailors were fast closing in on it, and without a moment's hesitation it jumped overboard. On rising to the surface it tried to climb up the vessel's side, but her copper was high out the water, and it could get no hold with its paws. Then it dived, swam under the ship's bottom and came to the surface on the other side. This performance it repeated three or four times. While this was going on the captain's wife remained seated. Tears were in her eyes as she watched the monkey. "Never mind," she said, "don't chase the poor monkey any more. It doesn't show any better. Its instincts teach it to steal." She had hardly finished speaking when the monkey came over the quarter of the vessel and with a rash leap across the deck, jumped into her lap, and putting his little finger into her mouth, drew the ring out of the cheek pouch at the side of a jaw and dropped it into her lap. With a cry of joy she placed it on her finger, and, taking the grinning monkey in her arms, she pressed it against her bosom and kissed the little black upturned face.

WELL PREPARED.

A minister's wife, who is not so severely minded as all times as her husband, tells some laughable stories relating to marriage ceremonies which he performed while they were living in a newly settled district in the backwoods of Canada. The minister always felt it to be his duty to give each young couple a "little serious advice" before he performed the marriage ceremony, and for his part he usually took them aside, one at a time, and talked very solemnly to each of them regarding the great importance of the step they were to take and the new responsibilities they were to assume. One day he talked in his most earnest manner to several in ladies to a young woman who had come to be married. "And now," he said, in closing, "I hope you fully realize the extreme importance of the step you are taking, and that you are prepared for it." "Prepared," she said, innocently, "well, if I ain't prepared, a dun't know who is. I've got four common quilts and two nice ones, and four brand-new feather beds, ten sheets and twelve pairs of pillow slips, four linen table cloths, a dozen spoons, and a good six-quart kettle. If I ain't prepared, a girl in this county can't be."

TO CLEANSE THE SYSTEM.

Effectively get rid of your colds or influenza, or when the liver is impure or sluggish, by permanently curing indigestion, by taking Dr. Williams' Pink Pills for Pale People, without creating or weakening the digestive organs. Take one or two pills three or four times a day, and you will find that the system is cleansed and the blood purified. In London there is a far company which has established during the reign of Henry VIII. Dr. Kibner's Swallow-Down Pills cure all Kidney and Bladder troubles. Pimples and eruptions from the Laboratory, Longwood, N. Y. Obese persons in southwestern Africa, in the arid parts of the world, the average height there being 4 1/2 inches. Dr. Kibner's Cure is a liquid and is taken orally and is three times as strong as the other pills. Manufactured by J. J. CHERRY & CO., Toledo, O. Christopher Reeve, a ninety-two year old resident of Bethany, Ind., is cutting a new record for himself. Shiloh's Cure is a cure for all ailments. The Empire of Morocco is the most important State that is absolutely without a newspaper. (Illustrated with notes by Dr. Isaac Thompson, the discoverer of Shiloh's Cure.) The first British translation of the Bible was in the first century.

Do You Wish the Finest Bread and Cake?

It is conceded that the Royal Baking Powder is the purest and strongest of all the baking powders. The purest baking powder makes the finest, sweetest, most delicious food. The strongest baking powder makes the lightest food. That baking powder which is both purest and strongest makes the most digestible and wholesome food. Why should not every housekeeper avail herself of the baking powder which will give her the best food with the least trouble? Avoid all baking powders sold with a gift or prize, or at a lower price than the Royal, as they invariably contain alum, lime or sulphuric acid, and render the food unwholesome. Certain protection from alum baking powders can be had by declining to accept any substitute for the Royal, which is absolutely pure.

FATE OF A BLIND RAT.

How His Companion Cared for Him Till Caught and Killed. The manner in which rats steal eggs has always been regarded as a wonderful example of animal intelligence. It is well known how one rat will hold the egg firmly between its four legs, then turn over upon its back and, remaining in this position, allow itself to be pulled along by other rats until the nest is reached. Remarkable as this may seem, I heard the other day of a still more astonishing example of the intelligence of a rat. Patrick Hurley lives in a rural portion of the Twenty-third Ward. Some distance from his home is a large barn, where besides horses and cows he keeps a number of chickens. About 100 yards from the barn a brook winds its way through a ravine. Naturally the presence of corn and grain about the barn has drawn many rats. They frequently come out in the barnyard for food or to play. Among the rats the Hurleys had observed one that was a rare specimen of his tribe. Its coat was of a pure white. Strangely, too, the white rat, whenever it appeared, had a companion that was a parently leading it. This peculiarity caused the people to watch the rodents. They discovered that the white rat always held a straw in its mouth by which the other rat led it. They concluded the rat was blind. Some day, when a particularly good lot of corn was found, the white rat would drop the straw and proceed to satisfy his hunger. But by an impatient movement he was always able to bring to him one of his kind friends, who would pick up the straw, give it to him and lead the unfortunate back to the nest under the barn. One of the most remarkable things noted was the fact that every day the blind rat was led out by another down to the brook to get a drink. This was not an occasional, but a regular performance. After the blind rat had satisfied its thirst the straw would be put into its mouth by its companion or attendant and led carefully back. But one day some boys who were not acquainted with the story of the blind rat, saw the two animals coming from the creek and at once made a charge upon them. The leader of the blind rat endeavored to hurry up his charge, but was finally forced to let go of the straw and scurrier off to save its own life. The white rat, left thus helpless, was caught and killed. The family who had long watched the daily exhibition of the other rat's tenderness and devotion for their sightless companion, learned its sad fate with regret.—Washington Post.

Love Questions.

Three white roses filled the air with sweetness—three white roses, strong-stemmed, long and leafy, with petals of waxy fineness and velvet softness. They swayed in the tall, clear grass that held them. They shone against the dull red of the wall, against which they were placed with a sort of radiance. They seemed more than mere flowers—they were angelic messengers. She sat and watched them through her long lashes—she was like them—slender, lithe, and strong, cold and beautiful. The white gown that she wore was clasped with a cord the color of the leaves. Her small, well-proportioned head was set upon her neck with the grace of one of the blossoms on its stem. She watched them with an inscrutable expression on her face. It was almost as though she were of their race and were listening to them speaking for her ear alone. A sudden breeze passed through the room. A waxen petal fell from a rose. She started suddenly from her reverie. She smiled contemptuously as she moved from the chair. "Three white roses!" she murmured. "Three white roses! and only \$1.50 a dozen! Is this what he calls love?"—New York World.

THROW IT AWAY.

There's no longer any need of wearing clumsy, chafing, heavy boots, which give only trouble and discomfort at best, never cure, but often inflict great injury, bringing inflammation, straggling, and death. HERNIA (Breach, or rupture, no matter of how long standing, or of what size, is promptly and permanently cured without the knife and without pain. Another Triumph in Conservative Surgery is the cure of Ovarian, Fibroid and other tumors, without the peril of cutting. PILE TUMORS, however large, are cured by the use of the STONE in the Bladder, no matter how large, is crushed, pulverized, and washed out, thus avoiding cutting. STRICTURE of urinary passage is cured by the use of the STONE, abundant references, and Pamphlets, on above diseases, sent, sealed, in plain envelope, 10 cts. (return). WORLD'S GREAT MEDICAL ASSOCIATION, Buffalo, N. Y.

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