

AGRICULTURAL



one or two inches of center of cross. In attempting to get bait the rat will fall through and be drowned. To get rid of cut worms, take pieces of newspaper six inches square, cut slit to center and slip around plants and place dirt or pebbles on corners to hold them down.—Exchange.

Another Use for Potash.

A writer in *Vick's Monthly* says: I have been using potash, or concentrated lye, in a new way lately—at least new to me. I have been using it as an insecticide and have found it most effective, especially for house plants. I use the pulverized sort, put up in small tin boxes. I dissolve two tablespoonfuls of this in three gallons of water and spray the plants thoroughly with the solution. I have never known it to injure even the most delicate plants, and for the greater number it could be used much stronger.

For the mealy bug, aphid, red spider and almost all insects infesting plants it is sure death. The use of the potash also keeps the leaves bright and clean, and is useful to remove the black scum which sometimes gathers on the leaves of greenhouse plants. It also acts as a fertilizer, making the plants more vigorous and floriferous.

As a spray or wash for fruit trees it is of great value. Trees thoroughly sprayed with a strong solution of potash, applied before the leaves start, will not be troubled with the San Jose scale.

Races of Bees.

First swarms often fill up their hive in a short time and swarm again; these are the same as other first swarms and contain the old queen, being her second time of swarming in the same season. She leaves her hive in the same condition as the one formerly left, having queen cells, and second swarms may issue if the cells are left to mature. The amount of storage room given a colony has much to do in governing swarms, and if the bees are kept confined in the brood chamber of hive exclusively they will swarm more readily than if they have unlimited room to store honey. Some races of bees are more inclined to swarm than others, and even some colonies of the same race are also more inclined to swarm than other colonies. The Italian bees swarm more than the native black bees, and still other varieties are more persistent in this respect. The Cyprian bees are inveterate swarmer, and will frequently swarm with scarcely any honey in the hive. The Cyprians are very prolific breeders and will produce double the number of young queens that other varieties do at swarming time.—Ex.

Full Turkeys.

I have raised buff turkeys for three years, and I will say that as a practical farm bird they have no equal in any turkeys that I have ever raised, says a writer in *Michigan Farmer*. The rich buff does not show dirt as white does, and they are a larger bird than the White Holland; are just as easy to raise, and do not stay around the barn so close that they do not thrive unless fed all summer, but are between the bronze and White Holland. Never go to the neighbors, but still get a good living in the fields.

Then the bronze are so fond of roaming; you never know where the hen is. She lays all over the farm, and visits the farmers all around. And in regard to extra size, I will say that by Christmas my buffs will weigh as much as bronzes, and be fat and fine, while the bronze tom is all lean and lank till the middle of February, and, in fact, at that time the market quotes heavy toms 2 cents per pound less than hens or light toms.

Time for Sowing Turnips.

While occasionally, under favorable conditions, a good crop of turnips may be grown by sowing as late as the middle of August, generally the best results will be secured by sowing not later than the middle of July. Have the soil in a good tilth and reasonably rich, so that the plants may get a good start to grow before the weather gets too hot and dry.

One advantage with turnips is that if they can not be eaten or sold to an advantage they can always be fed to stock profitably.

Government Hog Cholera Remedy.

Department of Agriculture's remedy for the cure of hog cholera:

Pulverize and mix thoroughly:

- One part wood charcoal.
- One part sulphur.
- Two parts sodium chloride (salt).
- Two parts sodium bicarbonate (soda).
- Two parts sodium hypsulphite.
- One part sodium sulphate.
- One part antimony sulphide.

Dose, one tablespoonful for each 200 pounds weight of hog once a day.

Honest Answer.

The stories told of Snetzier, a famous Swiss organ-builder, prove that he was a man of rare and incorruptible honesty.

At one time the parish officers of a country church applied to Snetzier to examine their organ and make improvements in it.

"Gentlemen," said Snetzier, after a careful examination of the instrument in question, "your organ be wort von hundred pound Joost now. Vell, I will spend you von hundred pound on it—and it shall den be wort fifty!"

We should remember that the God of providence is the God of love and wisdom.

"Uneasy Lies the Head That Wears a Crown."

But such are not the only uneasy heads. Overworked, harassed, anxious people of all ages and both sexes are uneasy with aches, pains, impure blood, disordered stomachs, deranged kidneys and liver. For all such, Hood's Sarsaparilla is the effective and faultless cure. It infuses fresh life through purified blood.



An Indian's Confession.

Christian Life tells this story of an Indian's confession. This man's heart was so changed that he left no doubt of it, though he seems to have made no effort to explain the mystery of the change:

"I came to Mr. Young first time last winter, and say I wanted to be his friend and the friend of God. People say: 'You turn your heart to God,' and laugh at me. I say nobody's business what I do. I mean to serve God. 'Long ago we blind, all in darkness. We call the crows and fish and everything God; but God pity us, and give us daylight. He don't want us to die altogether. He pity us. 'Not hard for me to believe in God; that Jesus is the Son of God; I feel different in my heart. My old fashioned heart was different. I feel all earthly things. I try to do right, and pray God. I want to be swift in God's way.'"

Such were the words of a converted Indian on joining a Christian church.

Kill or Cure.

Mistress—What is this strange smell in the kitchen?
Colored Servant—I've jes' makin' a love potion foh dat niggah dat promised to marry me, an' now he's tryin' to back out.

"Are you sure the potion is a good one? Are you sure it won't hurt him?"
"I don't keer if it kills him of it don't act do way it oughter."—N. Y. Journal.

Dr. Felix Brunet, a surgeon of the French navy, has perfected a means of removing tattoo marks. Heretofore the removal of such marks has been a matter of no little difficulty and expense; but Dr. Brunet's method is said to be easy and rapid, without being costly.

Louisville stereotypers get \$3.50 for seven hours.

Miners near Sandon, B. C., demand \$3.50 for 10 hours.

Rich—Yet Starving.

Doctors frequently have very wealthy patients who are starving. They have money to buy food, but their stomachs have not the strength to digest it. It lies there a heavy fermented mass, the sole cause of dyspepsia, nervousness and biliousness. The surest remedy to cure a weak stomach is Hostetter's Stomach Bitters.

Collis P. Huntington says that the best way to become rich is not to talk during business hours.

Be Beautiful.

A clear, clean complexion is the foundation of all beauty. Cascarets Candy Cathartic make and keep the skin soft and velvety. All druggists, 10c, 25c, 50c.

The California woodpecker will carry an acorn 30 miles to store it.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

The length of life of a tradesman is only two-thirds that of a farmer.

I shall recommend Piso's Cure for Consumption far and wide—Mrs. Mulligan, Plumstead, Kent, England, Nov. 8, 1893.

At Indianapolis day laborers are getting from 15 to 25 cents more a day than last year.

An experienced teacher seeks a position in Oregon or Washington. Best of references. Address, Box 131, Portland, Or.

In Lancashire a weaver's wages for a full week's work amounts to from \$4.50 to \$5.50.

Remember that you can buy Jesse Moore A. A. Whiskey for the same price that is paid for ordinary whiskey. For sale by all first-class dealers and druggists.

The largest soda-ash plant in the world is to be erected at Akron, O.

FITS Permanently Cured. No fit or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for FREE \$3.00 trial bottle and treatise. D. D. KLINE, Ltd., 93 Arch street, Philadelphia, Pa.

A horse has just died in London which had the rare distinction of having medals conferred upon him by Queen Victoria. He was Lord Roberts' gray Arab charger Vonolod, 29 years old. The queen's medals were worn on his martingale during her majesty's jubilee procession.

"Out of the 1,200 men composing the Twentieth Kansas, only 18 are of foreign birth," according to the *Kansas City Journal*. "Nearly the whole army of Anglo-Saxon blood, and a good many more than one-half are the sons of farmers."

One of the longest lived birds on record died recently in London. It was a parrot named Ducky, the property of the Prince of Wales, and was a century and a quarter old. Up to 80 years of age elephants are useful members of society.

Babies at a Premium.

Mail advices from Madagascar state that the French authorities are collecting a tax of 15 francs on every unmarried male native over 25 years of age, and of 7 1/2 francs on every native woman over 21 years of age who has not a child, legitimate or illegitimate. Many natives borrow children when the tax collector arrives and return them to their parents as soon as the tax collector has gone on.—Dalziel.

Ladies Can Wear Shoes

One size smaller after using Allen's Foot-Ease, a powder to be shaken into the shoes. It makes tight or new shoes feel easy; gives instant relief to corns and bunions. It's the greatest comfort discovery of the age. Cures swollen feet, blisters and callous spots. Allen's Foot-Ease is a certain cure for ingrowing nails, sweating, smarting, hot, aching feet. We have 30,000 testimonials. All druggists and shoe stores sell it. 25c. Trial package FREE by mail. Address, Allen S. Olmsted, Le Roy, N. Y.

Mrs. Elizabeth Skeats, who died recently in London, was the mother of six policemen.

HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure.

E. J. CHENEY & CO., Props., Toledo, O. We the undersigned, have known E. J. Cheney for the past 15 years, and believe him perfectly honorable in all business transactions, and financially able to carry out any obligations made by him.

WEST & TRUX, Wholesale Druggists, Toledo, O. WALKING, KINMAN & MARVIN, Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is put up in bottles, acting directly on the blood and mucous surfaces of the system. Price 75c per bottle. Sold by all druggists. Testimonial is free. Hall's Family Pills 10c each.

High cheek bones always indicate great force of character in some direction.

A journey hitherto unequalled by an American woman is said to have been made by Mrs. M. M. Stevens, wife of the manager in Russian Asia of the Baldwin Locomotive Works, who accompanied her husband across the great Siberian waste and steppes, over the uncompleted Trans-Siberian railway and by wagon and tarantass from St. Petersburg to Vladivostok. The journey of 9,877 versts was accomplished in 43 days.

The "kissing bug" (*melanolestes picipes*) has no poison glands, according to Professor L. O. Howard, chief entomologist for the federal department of agriculture. "The poison from its bite," he states, "is probably due to pathogenic germs, accidentally carried upon the little serrated beak. There is no explainable reason why the lips should be the only portion of the face attacked."

Funerals on Sunday are discontinued by 15 clergymen of New Brunswick, N. J., not only because of the unnecessary and uncalled for strain upon them as clergymen, but because of the amount of Sunday labor required of laboring men who need rest.

The original draft of the confederate constitution is in the possession of Longstreet Hull, at Athens, Ga. Mr. Hull is a grandson of Thomas R. R. Cobb, chairman of the committee who drew the document.

More ships sail the Detroit river than enter Liverpool or London. The Suez canal, which carries the commerce of the world, passed last year 8,500,000 tonnage, while there were floating through the locks at Saulte Ste. Marie 16,500,000 in eight months.

HOITT'S SCHOOL.

Menlo Park, San Mateo Co., Cal., accredited at the Universities. Location, climate, and careful attention to Mental, Moral and Physical training, places Hoitt's among the foremost schools for Boys on the Coast.—S. F. Caronick. Will re-open in the new building August 16th, (9th year.) Ira G. Hoitt, Prin. D. Principal.

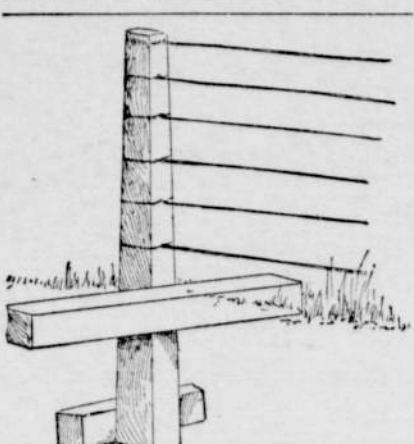
An Instance.
DeCrop—May is intensely feminine. Miss Upton—More so than other girls?
"Well, she asked the blacksmith the other day if her horse couldn't wear shoes a size smaller."—Puck.

Epileptic FITS CAN BE CURED.

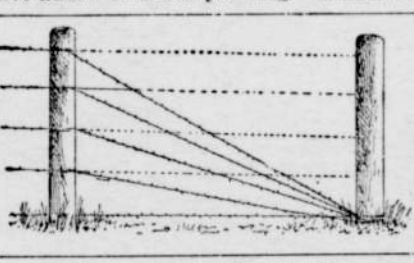
If you suffer from Epilepsy, Fits, Spasms, St. Vitus' Dance, &c., have children, relatives, friends or neighbors that do so, or know people that are afflicted, my New Discovery, Epileptic Cure, will give immediate relief and PERMANENTLY CURE them, and all you are asked to do is to send for a FREE BOTTLE and try it. It has cured thousands where everything else failed. My 90-page illustrated Book, "Epilepsy Permanently Cured," FREE.

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Well Anchored Posts. Innumerable plans have been branched for firmly anchoring the corner post that is to receive the pull and tension of a wire fence, but the one here illustrated is one of the best of all. At the back of the post in the bottom of the hole is placed a block of wood, and in front of the post, just below the surface of the ground, is imbedded a long log, or stick of timber. It will be seen at a glance what enormous resisting power these sticks afford the post. The second cut shows how a wire fence may be held taut by carrying the wires from the bottom of the first post up to their several positions on the second post. Short sections of wire are then put between the first and second posts in the position of the dotted lines. This plan causes all the "pull" on the wires to be exerted on the base of the first post—a position that does not admit of much yielding. Either of these plans will be found of value when building a barbed or smooth wire fence.—New York Tribune.



Making Hay. In making hay it is always best to begin a few days before the meadow is quite ready to cut. The loss from cutting a week too soon is not to be compared with the loss arising from cutting a week too late. There is a difference between dried grass and hay made from matured grass, and if the stock is allowed to choose they will take the dried grass. If we do not begin to make hay until it is just right, bad weather or other untoward circumstances may cause delays that will afford the grass time to get too ripe, and once this happens it is impossible to make good hay of it.

There will be a very little clover hay in the West this year, and the main dependence must be on timothy and prairie hay. Timothy cutting should begin by the time the blossoms fall from the heads.

We prefer to begin cutting as soon as the dew is off in the morning. If the weather is fair this is left until the next day, when it is raked and allowed to lie in the windrow an hour or two and is then piled into well-built cocks, where it can stand until the next day, or two or three days, if necessary. In these cocks it begins to sweat, and pitching the hay on the wagon and off into the mow airs it out in a way that causes it to cure perfectly in the mow, coming out a bright green and smelling as sweet as new-mown hay.

The use of a hay loader hastens the work of haying, but is not conducive to the making of the best of hay, as it can be properly cured only by standing in the cock for a time.

Ventilating Farm Buildings.

Too little attention is paid to the proper ventilation of farm buildings in summer. To put horses into a stable where there is no circulation of air and have them come out all wet with sweat is harder on them than the work they do. Basement stables as a rule are more poorly ventilated than stables above ground, for the reason that there is little chance for air to circulate as only one end of the stable allows air to come in. A cellar stable that is damp and musty does not furnish pure air for stock and they should not be kept in such a place long at a time. Stables should be as dark as possible to keep flies from bothering the horses at this time of the year. An animal rests but little at noon or out of harness if it has to keep up a continual switching and stamping to keep the flies from eating it up.

To Rid the Barn of Rats.

Take a tight barrel or keg, fill it a foot or so deep with water, tie a stout paper over the barrel and place any bait that will attract them to the place. Place board from floor to top of barrel, let them have free access to bait for a few nights, then cut across it in middle of paper large enough to admit a rat; then suspend a broiled meat skin, potato, or any bait, by a string to within

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