ADEN. ATEDS.

agriculture is always introduction of better ompts the farmer to

ay for feed and at-

you find a farmer who a farm and home, using petter implements, you are very apt to find his pasture supplied with improved stock.—New Orleans Times.Democrat.

PRESERVING CELERY.

Celery should now be banked up with earth to the top leaves; this blanches the stalks and makes them tender, and preserves them from injurious frost. Moderate freezing will not injure the celery. When the weather is getting too colory. cold the plants may be be taken up and plants are long and as close together as may be. The carth is left on the roots. art boards, and these are covered with Farm and Fireside.

iw and earth to exclude frost, warmer localities a light covering only be needed. A supply can be taken of such a pit at any time, but where cold is severe the opening should be id up at once. - New York Times. ------

BUILD A GRANARY.

is unfortunate that farmers should w so much waste in their grain proets after they have taken so much ins and labored so hard to harvest hom. And yet there is a great loss very winter in the granary. Indeed, ome farmers have no granary, but put heir threshed grain in bags and boxes, kin ples and doughnuts. in which things mice delight. Others to not thresh out the main crops until hey wish to market them, possibly not atil spring; but there is always a waste

mow, as well as in the granary. in the Every farmer should have a good miceproof granary, and there is no sufficient reason for not having one. As a rule it will pay to market most field crops in fail or early winter, before they have wasted much; and the saving thereby, we believe, will exceed the possible in crease of price which may be received if held until spring, -New York Independent.

COMPARATIVE VALUE OF MILE.

Professor Ladd, the expert dairyman and chemist, formerly of the New York

, ment Station, found in some cases rty-two pounds of milk were reto produce one pounds of milk were re-to produce one pound of butter; only thirteen pounds. He dee figures as follows: "Supfarmers were taking milk to ulter factory, each cow averagounds per season, or 30,000 method of paying for milk at ctorics, each man receives an equal sount. By paying for milk according the fat, A's milk would produce 2353

unds of butter, which at twenty cents pound would amount to \$470.60, B's milk 931 pounds of butter, st nty cents per pound, \$185.2.). But tead of this each receives \$328.40, or gives B \$142.20. These are the exmes, but such cases are found at every amery,-Bost a Cultivator.

STERING GERANIUMS IN A CELLAR. o keep geraniums well during winter, ; up in the cellar, requires some exnce, and, according to as good auty as Vick, something depends on

in the spring, in time for hatching out the early broods. Should they not begin to lay, however, before the winter begins,

actions. griculture is always roduction of better The same spirit of npts the farmer to sches him that the most pork, the a most pork, the a most pork, the most pork is it and action and action. The same spirit of a most pork, the a most pork and a

to most milk and which will yield the cockerel. If the eggs are intended the cheapest and for hatching, a forward, well-matured vy for feed and at. cockerel will be much more valuable and serviceable than one that has been slow in growth and not fully developed. When the small breeds have been used, they will be found approaching maturity much sooner than the large breeds, but do not make as good winter layers as do

those breeds that possess heavy, full feathers, nor is the tall comb of any advantage to them when the frost is keen and the winds sharp. Liberal feeding, however, will assist maturity to bridge over some of the difficulties, and it pays at that, as the eggs collected in winter are always worth much more than those set upright in a trench as deep as the of a later period. This out all the inferior stock, select the strongest, earliest and most active pullets, and pick out The trench is covered crosswise with a cockerel full of vigor and strength .-

> FARM AND GARDEN NOTES. Husband and wife should be equal partners. Blenching fruit with sulphur is a bad

> practice. When you store tools for the winter oil them.

> Gardening is taught in the common chools of France. Provide some succulent food for your pigs during the winter.

Huskings are in order. So are pump-

Lay in a good stock of papers and magazines for winter reading. When you mulch small fruits mulch

mough to keep down the weeds. Build bridges if you like, but don't break up the roadbed in the fall.

Fertilizers improve a poor soil and keep a rich one from running down. One of the drawbacks of spraying is

that it kills our friends as well as our enemies. The more landowners and homesteads there are in a nation the better it is for

the people. The young man who gets a good agri-

cultural education is going to be in future demand. Apply your manure where the roots of our crop can reach it or it can reach the

roots of the crop. Not manure but well fertilized earth should be placed next to the roots of transplanted trees.

If you have but a small farm put your energies and cash into that and make it milk for ten cows. By the produce as much as most large farms. Manure when compositing needs water

to make it moist; but care must be taken that there is not water enough to leach it.

It is for the farmers to see that the agricultural colleges and experiment stations are properly run, and to aid in running them.

Potatoes should be stored where they will have a cool, even temperature, and be overhauled once a month to get rid of decaying ones.

If a cow has sharp horns put wooden thimbles on the ends of them. The knobs can be fastened on by pegs run through both horn and knob.

The wide-awake farmer visits other operature and humidity of the air, farms than his own. When he finds conchether the plants are near the top veniences, methods and crops better than an of the cellar space. Only trial would prove the right place to capabilities of each cellar. The trial would prove the right place to capabilities of each cellar. The vay is no doubt to take up the to be profitably cultivated. It is very with some soil and set them in seidom that a small farm is abandoned. A few good emasculated male cats will able stock the I cat is worth s, and it never cured as every re it, is worth of the coarse,

TEMPERANCE. CHRISTMAS SHIPS.

There's a good ship sails into childhood' bay. Mid the glow and glory of Christmas Day, With spicy perfumes and favoring gales Fanning the folds of its star-gemined sails.

It halls from the gleaming, golden strand, The wonderful shore of fairyland. It is manned by a jolly elfin crew, And Sauta Claus is its master true.

It brings to the rollicking girls and boys Books and bon-bons, and bright new toys; And many a comfort to young and old, It bears from that magical shore of gold.

Oh, children! I would not dim your smile, But pause in your pleasures, and think awhile Of the ship that sails into Sorrow's bay, 'Mid clouds and sighs, on this Christmas Day.

At the bow sits Grief-at the holm Despair, It is manned by woes, and freighted with care; It bringeth the drankard's curse and blow, The pinching of want with the cold and

The wanderings far, with bare, freening fest, The hungry wail but for food to eat. The anguished prayer without hope or faith, The struggle for life more sai than death.

O! could ye not waft to this gloomy strand Of could ye not wait to this growing a land; One breath of joy from your sunshine land; To biot from some cheek a tear's and trace. And bring a smile to some worn, wan face? -Emma S. Arheart, in Temperance Banner

ANOTHER REFUGE FOR RUM GONE.

SHOW.

ANOTHER REFUGE FOR RUM GONZ. The Young Men's Christian Association have purchased the famous "canteen" which is situated so user the parade ground of the State Camp of Instruction at Peekskill, N. Y., as to virtually be in the camp, and when the National Guard next year goes into camp, the banner of this association will be floating from these buildings that were formerly so objectionable; and religious services, meet-ings of song and harmless games will take the place of intoxicating drinks and their degrading accompaniments.—W. C. T. U. Builtetin.

ATTRACTING ATTENTION.

ATTRACTING ATTENTION. In an English exchange, a temperance worker thus describes a novel method for arousing the attention of idle people: "I have a notice board in front of my house---a private one-- on which I tack posters of im-portant meetings, diagrams, drink maps, pictures, sayings of eminent men, scraps of poetry, etc., etc. Some are exhibited one week, some for two, and it is astonishing the numbers of passars who stop and look. They closely inspect and read what is on the board. All classes are attracted, gentry, traders, mechanics, farm laborers, and even sits, so that a good diagram or a striking picture is assueful as an ordinary lecture, and really more so, becluse it catches the attention of so many who hever attent our meetings.

THE ROM CURSE IN AFRICA.

THE NEW CURSE IN AFFICE. Bishop William Taylor, a competent wit-se concerning the ravages of strong drink and the second letter, writes. The Africa's deplorable condition under the sum curse is darker than when the stead-function of its people caused Living-the strongeness of its people caused Living-the strongeness of the world. A humired stranships that sail from Euro-pean and English ports to the west, south, and east coasts, carry a principal cargo of of statmers, exported to Africa 200,000 tims of rum last year; and many other cities, le-dentions business of turning a Mississippi of death and destruction upon the defense-terions of that country. To far as the American exportation of rum session, should provide by appropriate legis-tion for its suppression. -National Tempera-tion of rite suppression. -National Tempera-tions and the second secon

RECENT CRIMES AND ACCIDENTS CAUSED BY LIQUOR.

Mrs. Christine Jansen, of New York City, while drunk committed snickle by swallow-ing a large dose of Paris green. In a fit of despondency, the result of drink-ing heavily, Mrs. Minnie Saul, of Green-point, Brocklyn, N. Y., hanged herself in her room. While in a drunken fit, Thomas Dawson, a factory hand of Svartanburg, S. C. at-

Wille in a drunken nt, thomas Dawson, a factory hand of Spartanburg, S. C., at-tempted to carve up his wife. He was ar-rested before any damage was done. William Kenny, a married man of New-ark, N. J., cut his throat from ear to ear and tore the wound open with his hands while suffering with delirium tremens. Thomas Callahan and Matthew Hogan of

We'll write it down till everybody sees it Till everybody is sick of

seeing it

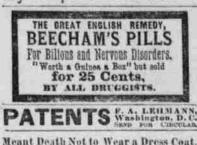
Till everybody knows it without seeing it-that Dr. Sage's Catarrh Rem-edy cures the worst cases of chronic catarrh in the head,

eatarrhal headache, and "cold in the head."

In perfect faith, its makers, the World's Dispensary Medical Association of Buffalo, N. Y., offers to pay \$500 to

N. Y., offers to pay \$500 to any one suffering from chronic catarrh in the head whom they cannot cure. Now if the conditions were reversed—if they asked you to pay \$500 for a positive cure you might hesitate. Here are reputable men, with years of honorable dealing; thousands of dollars and a great name back of them and they say— "We can cure you because we've cured thousands like you—if we can't we'll pay you \$500 for the knowledge that there's one whom we that there's one whom we can't cure."

They believe in themselves. Isn't it worth a trial? Isn't any trial preferable to catarrh?



Why rub, and for, and wear out yourself and your clothes on washday when ever since 1864, Dobbins's Electric Soap has been offered on purpose to lighten your labor, and mare your clothes. Noic try it. Your grocer has it. The Atchison claims 980 miles of rall, 300

How's This?

How's This? We offer One Hundred Doilars reward for enry case of catarrie that cannot be cured by taking Hall's Catarrie Cures. F. J. CHENET & CO., Props., Toledo, O., We, the undersigned, have known F. J. Cheney for the last Li years, and believe him periceally honorable in all buildness transac-tions, and financially able to carry out any ching them amale by their firm. West & THUAX, Wholesale Druggists, Tols-do, O.

What & TREAM THEAST THE MARYIN, Wholesata do, O. WALDING, KINSAN & MARVIN, Wholesata Druggists, Touedo, O. Hall's Chiarth Cure is taken internally, act-ing directly upon the blood and mincours sur-faces of the system. Testimonials sent free. Price for, per boths. Sold by all druggists.

SYRUP FIGS VERMONT is ordering apples from Michigan, A Remarkable Offers

" Children's Lives Saved for 50 Cia." "Children's Lives Saved for 36 Cis," Thousands of children die annually of croup, Now, motheral you would spend 30 cents and always have a bottle of Dr. Toblas's Venetias Liniment in the house you never need fear losing your little ones when attacked with this complaint. Dread croup even as your would a thef in the night, and be prepared to save your darlings? It is now upward of forty years ince this liniment was first offered to the public. Hundred of cures have been reported from the use of this valuable remedy, and never has a house been known to have been robbed of one of its treasures where the above proparation was used. Toblas's Venetian Liniment state they would not be without it even were the price Slo per bottle, instead of only " Socia."

any substitute.

Lee Wa's Chinese Hoadaohe Cure, Harm-less in effect, quick and positive in action. Sent prepsid on receipt of \$1 per bottle, Adder & Co., SE Wyandottest, Kansae City, Mo Timber, Mineral, Farm Lands and Banches a Missouri, Kansas, Texas and Arkansas, ought and sold. Tyler & Co., Kansas City, Mo. If afflicted with sore eyes use Dr. Isaac Thomp-ron's Eye-water. Druggists sell at 25c, per bottle

Two Giants On the one hand-Scrofula, the ancient disease, known the world over, gnawing at the vitals of every mation, existing in the blood of nearly every jamily-descended to us from our fathers or ao quired by our wrong labits and induigences.

On the other hand-Hoos's Samaparilla, the mod-ern medicine, the great enemy of impure blood, accomplishing the most wonderful eures of serofula.

all theum, etc. If you suffer at all from the Giant of Diseaso conquerhim by the aid of the Giant of Health,

Hood's Sarsaparilla Sold by all druggists. \$1; six for \$3. Prepared only by C. I. HOOD & CO., Lowell, Mass.

100 Doses One Dollar -VASELINE-FOR A ONE-DOLLAR BILL sent us by mall we will deliver, free of all charges, to any person in the United States, all of the following articles, care unity packets:

THE GREAT CONQUEROA OF PAIN



Cures

STIFFNESS-

Still Neck, Soreness

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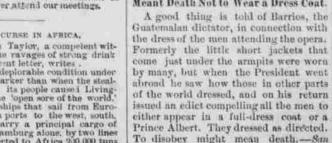
"Woman, her diseases and their tre. Amont. A valuable illustrated book of seventy tw pages free, on receipt of Doka for out of and ang, etc. Address, P. O. Box 1993, Philas, Pa Money invested in choice one numbed idea iar building lots in suburbaof Kanena City will pay from five hundred to one thousand por bent the part fow years under our plan. Si hash and \$5 per month without interest con-rolas desirabilotor. Farthoular on application. J. H. Banerisin & Co. Kansas City. Mo.

FITS stopped free by Dn. KLENE'S GREAT SEAVE RESTORES. No fits after first day's use farvelonescrees. To alter and \$3 trial 0.511 ree. Dr. Kliue rolt St., Phila., Pa. Tree. Dr. Kline

Okiahomia Gui on receipt of 30. Mansett any wher







Francisco Chronicle. Guaranteed five year eight per cent. First Mortgages on Kanaas City property, interest payable every six months: principal and inter-est collected when due and remitted without expense to lender. For sale by J. H. Hauerlein & Co. Kansas City, Mo. Write for nariantar

READY RELIEF.

of soil. Some water can be given e the soil about the roots, and the plants be allowed to stand be found the



is one cause of milk fev. re common than it used that both feed and milk to be put upon light diet eks before they come in. trees of any kind is growing

Now, if we will use the trees as her crops, giving them good, and decent care, we shall act and likely successfully grow one of trees.

ie first cost of working land to a per depth is considerable, but when ce done and the impediments-that is, ck, stones or stumps-disposed of, here is an annual saving of time and of sols in the work.

Keep weeds from the compost heap; especially do not allow any of them to go to seed. It would be the foundation of a deal of hard work, beeing, and clean-ing next year should any of them be rmitted to scatter their seeds in the

If by any error of judgment a newly seeded field of wheat has been finished by rolling, it should have a light harrow ing immediately with a small slopingtooth harrow. The harrow should always be weed after the roller in fluish-2nThe harrow should

n a field.

" gunpowder on the roots of its ngue and hold the jaws together, if osable, for half an hour. The gunowder refuxes the muscles and permits he obstructing substance to go either lown or up. It is dangerous to poke he obstruction down the animal's throat.

Seed Planting Birds.

Walter B. Barrows, at the rocost meeting of ornithologists, read a paper on "Seed-Planting Birels." Mr. Barrows referred to the mode of distribution of seeds by birds and the species of

gard to the distribution of seeds ws Mr. Barrows showed their mane a curious one, the crow having ver to disgorge anything at will, w has a habit of cating largely of i of poison ivy and other noxious and then disgorging them in a grow. How many other this power of prection is h. de the be low 1 into

Thomas Callahan and Matthew Hogan, of Trenton, N. J., were out drinking together. They quarreled, and Callahan shot and dan-gerousy wounded Hogan. While drunk and quarrelisome, Frank Fooke, of Fulman, III, shot and killed his wife and then blerr out his own brains in the prosence of their thirteen year-old daughter. Agnes Steele, a yostig married woman of Hoboken, N. J., was thrown out of a second-story window by her drunken and quarrel-some husband, Barnard Steele. On a recent night a passenger train ran over a drunken negro who was asleep on the track near Powder Springs, Ga, and dragged his body for a quarter of a mile, tearing it into fragments. Joseph Ferron, a shoemaker of Worcester,

uff we find

Into fragments. Joseph Ferron, a shoemaker of Worcester, Mass., took a number of drinks with a smooth-tongued stranger, who after wards while they were on the street, knocked Ferron down and robbed him,

were on the street, knocked Perron down and robbed him. Martin Convery, an eighteen-year-old drunken tough, of Worcester, Mass, engaged in a street fight with one of his companions. He was worsted, and frenzied with rage, he ran through the streets with an open pocket knife, stabbing a man named Mürphy and another named Patrick Maher. At 5 a. M. Mrs. Hattie Allabach, of Si Haveineyer street. Brooklyn, N.Y., answered the ringing of her door bell. Upon the stoop she found seated William Roberts, a saloon-keeper, and Johin O'Brien. They asked for their friend, Mr. Allabach. Mrs. Allabach upbraided them for their untimely visit, and ordered them away, shut the door, when Roberts fired a pistol shot through the door, the built striking Mrs. Allabach in the side and seriously wounding her.

TEMPERANCE NEWS AND NOTES. The greatest senses-taker in the world-

whisky A New Jersey W. C. T. U. union has a "great-grandmother" 101 years old.

Forther Mathew's immortal pledge was, "For my own sake, for the sake of others, and for the glory of God, I abstain." The most recent statistics of arrests for drunkanness in Maine, in any one year, show but four arrests to every 1090 of the popula-tion.

According to the inland revenue returns up to March 30 of the present year, Ireland consumed last year 4,710,683 gallons of spirits, and 2,490,045 barrels of beer.

spirits, and 2.490,045 barrels of beer. The 41,000,000 gallons of spirit made in the United Kingdom in 1889 were mostly used in England, and nearly three-fourths of this vast quantity was drunk as a beverage. Thirty-six "wet" counties of Georgia have one convict to every 600 people. One hum-dreal and one "dry" counties in the same State have one convict to every 1329 people. "The watchword of those who believe in "The watchword of those who believe in "The watchword of those who believe in the same spire one convict to every 1329 people."

"The watchword of those who believe in prohibition by woman's ballot, said Miss Willard in her annual address, "is 'two votes for the home where it now has but one '1"

Wherever the national convention of the Woman's Christian Temperance Union goes it leaves new unions in its wake. One of these is a new "Y" in Atlanta, Ga., with sixty members.

A white-ribbon soldier of seventy years wants to see the graves of her comrades decorated, when those of the soldiers are, by a flag and a cross, with the motto, "For God and Home and Native Land."

Gol and Home and Native Land." Among the new organizers appointed by the National Woman's Christian Temperanes Union is Mrs. M. B. Reese, of West Wash-group who will probably go during the year to Alaska in the interest of society. There is a singular unasimity of opinfum among the physicians with regard to the de-structive power of alcohol upon the human trains. Dr. Kate Mitchell says, "the brain, the most important organ of the body, the arsions, the intelligence, of all human de-pendent of alcohol upon the burner, the most important organ of the body, the arsions, the intelligence, of all human de-pendent for the highest as well as on the human to crust profoundly attacked by acohol."



Highly Concentratesi. Must Economical, her