THE LIFE SAVERS AT WORK dred yards from the beach, the Captain,

HOW WRECKED MARINERS ARE BROUGHT TO SHORE.

Practising With the Breeches Buoy and Launching the Lifeboat-Daily Routine of a Crew.

Soon the busy season of the life-saving corps along the coast will begin, and the sturdy crews of the little stations are hard at work practising with life-line, breeches buoy and surf-boat for the winter gales and howling seas. A New York eld reporter tramped across the sands of Long Beach, L. I., the other day and made a call on Captain Van Wicklin, who is in command of Station 33, with a watchful eye to the wind for the slight est signs of an approaching storm.

Like his brother surfmen along the coast, Captain Van Wicklin was ready to repeat the story of how wrecked mariners are brought safely to shore and pointed out the value of this and that ingenious contrivance with the enthusiasm of a boy at a circus. To give clothe practical demonstration of the efficiency of his little command the Captain called said his men into the drill-room and informed them that he would show how lives are saved by means of the breeches buoy. Of course, as there was no wrecked ship to fasten the line to, the demonstration was made on land. The station flagpale, which stands about one hundred vards from the station on a sand hill. was to be the ship in distress for the occasion.

One of the crew was sent to the flag pole, and from that point shot off a small cannon as a signal of distress. A quick order from Captain Van Wicklin, and the next moment the crew were hauling the carriage containing the appurten ances to the breeches buoy over the sand at a great rate. At the top of the knoll stopped, and in accordance with orders piled the ropes and Lyle gun on the sand in position ready for use. A charge of giant powder was hastily rammed into the gun, and on top of this was placed a heavy bar of steel, at one end of which was fastened a long piece

of neatly coiled rope. While the Captain was preparing the charge and siming the gun for the flagpole, as the imaginary ship, the other members of the crew were burying in the sand two heavy cross-beams to which the pulleys and heavy ropes were attached.

"Stand ready !" cried the Captain. The crew immediately took their positions at the ropes, and a second later off went the bar of steel through the air like a rocket, taking with it the rapidly uncoil ing line. The Captain's aim was a good one, for a second later the "shipwrecked sailor" was hauling in the big rope, which had now been attached to the first line. When he took hold of the big rope, he found a black board tied to it with the following instructions painted in white letters:

"Make this hawser fast about two feet above the tart block. See that all is clear, and that the block runs free and show signal to the shore."

The sailor fastened the rope as he was told, and showed the signal. The crew then hoisted a huge prop like a tent-pole under the rope about ten feet from where it was fastened in the sand. In the meantime the light line had been run out again by a series of pulleys, and when it had completed the circuit the breeches buoy was attached and quickly sent toward the sailor over the imaginary wave. The sailor, who had fastened the rope about eight feet up the pole, climbed into buoy, and with a rush and a hurrah the crew brought him safe to shore.

"Every man in the crew," said Captain Van Wicklin, "has a regular position and a special duty to perform, and that alone cliff was thin and transparent, and looked he is required to do, unless an emergency requires his services elsewhere.

valuable one, to the saving of life. It is grand a picture. an inclosed boat, built of thin sheet iron, about ten feet long, and pointed at both seething caldron ceased, and we looked

who had been keeping an eye out behind for some time, suddenly cricd: "Lay to! doudle quick," as a huge roller struck the stern or the boat. The crew imediately bent over their ours at the top of their strength, and the speed, sud-denly increased, had the desired effect. The boat rested easily on top of the wave and went rushing toward shore like a race-horse. The oars were shipped and every man was in readiness for a quick jump. Just before the shore was reached boat seemed to slide a little ahead of the breaker, and as the keel struck the sand the wave broke with a roar over the stern, completely drenching the reporter and the Captain. In an instant the men vere on their feet at each side of the boat, and up the beach she was dragged before the next wave could reach The life belts, which had only been used

practice, were taken off and the boat rolled back to her place in the station. The men at once began to clean up the boat and the apparatus belonging to the breeches buoy, while the Captain invited the reporter into the kitchen to dry his

"After every return to the station," he, "everything has to be thoroughly cleaned before anything else is

"What's your daily routine?" asked the reporter, as he placed his shoes by the stove and hung his coat over a chair. "There are four watches every night. explained Captain Van Wicklen. "Two men in each watch, which exactly make up the number of the crew. One man nes cost about two miles until he meets the western watch from the Point Lookout station. They exchange checks, which have to be examined and found correct upon their return to their respective stations. The other watch goes west two miles to what we call the Key Post station. He carries an indicator with him, which runs by clockwork. At the time he is supposed to be at this station he must make an indentation in the indicator with a key which is always kept at the Key Post station, situated next to the Long Beach Hotel. He cannot exchange checks with the watch from another station, as on this side the next

crew are situated eleven miles away, which is quite too long for a patrol "These two systems are only used to compel the men to go the entire length of the patrol each night, no matter what the state of the weather. "The first watch goes out at 4 o'clock,

which is called the 'sunset watch.' These men are relieved at 8 o'clock by two more of the crew, who are in turn re lieved at 12 o'clock. The 'sunrise watch' then goes out and stays until 4 o'clock in the morning.

"The crew are required to report for duty on the first day of September and stay until the last day of April, cight months in all. I have to keep a regular log of each day's proceedings, and report at once any insubordination on the part of the men. During the winte when the hotels are all closed here we

have to go to Far Rockaway by boat for food and the provisions we need. Yes. we find it a little dreary at times, but we never get lonesome.

The Mocking Birds of Yosemite.

Few of those who have sojourned even quite a long time in Yosemite valley are aware that it is filled with myriads of mocking burds, the other sights and sounds overpowering all else, and be side, the birds make their haunts as far as possible from the places where the travelets go. The writer of this was in that wonderful valley and was invited to make one of a quiet party and ride down to the Bridal Veil falls.

The stream that fell from that sublime a little thing from that awful height seen through this natural rift in the The life-car is another adjunct, and a trees which made a fitting frame for so

The thundering of the water into that

A THE FARM AND GARDEN. SECOND BLOSSOMING OF TREES

SOAWTER OBATE FOR BOOK

DRAINAGE IN THE FALL,

souring .- Weekly Witness,

worked into a good condition.

less good drainage is provided.

wided.

derive all the benefits of fall plowing un

more easily damaged than others. When

the furrows or ditches should be suf-

the way the furrows are run out. In the

deep enough for all practical purposes. The better plan is to look carefully over

the ground and determine where the fur-

rows can be run out to the best advan-

tage and then run them out. A little

time spent in a careful survey of the field.

will not only lessen the work but secure

better results. Securing good outlets is

necessary so that the water can flow off

easily, and the furrows should be made

clean so that they will not be easily ob-

structed. By doing the work in the fall, whether the land is plowed or not, will' be found quite an advantage in the spring

so far as the work if concerned, but the

damage to land will also be avoided.

Moisture is an essential item in plant

growth, but an excess of moisture is at

detrimental both to the soil and the

crops as a deficiency, while with a little

care at the proper time a good share of the damage can be avoided if good drain-age is given .-. Nebrasha Farmer.

FARM AND GARDEN NOTES.

If you have any new land to plow or

Be sure the onions are thoroughly dry

Spent tan bark is an excellent mulch

Burn at once all piles of brush, weeds

Poultry growing on the farm is as a

Fruit trees that have had a portion of their leaves destroyed sometimes start in the fall the leaves that should appear the following spring, and with them the blos-soms of fruit buds have formed. Cherry trees too roughly handled when cherries were picked are the most frequent examples of this second blossoming freak, though sometimes branches of apple, pear The and plum are affected in this way. branches that thus blossom prematurely do not bear the following season. It is not good for the tree to have its regular

habits thus disarranged. Sometimes green shoots put forth with the blossoms, and are killed by the cold of winter, and this more or less injures the vitality of the tree.-American Culticator.

DELICATE DAIRVING. No matter how pure the dairy is kept,

secure absolute cleanliness it is necessary to strain the cream. Use a large square of linen cheese-cloth. It will catch the hair from the cow, or the tiny speek which

well, adding a little sugar to the salt, s manufactured, until such time as needed market demand at good price. ways make brine, when possible, of diss a mere trifle, the next best plan is to

STORING VEGETABLES.

A little freezing will not hurt cabbages. To be kep: properly they should be kept as cool as possible without freez-ing or, at least, without much freezing, for they need some ventilation. Many udicious handlers simply pile their cabbages away in cellars without any other protection; some put them in racks or open frames, reaching from the floor to roof of cellar, so that the air can circulate about them freely. When put up in this way they are cut off at the middle of the stalks and stripped of the loose outside leaves. Some gardeners pack them away in broad, shallow pits, covering first with straw or hay, then with earth, till secured against freezing-that is, too

much or hard freezing. We ourselves, however, practice a simpler method still, and which we find answers well. Take the cabbages up, roots and all, and pile them just any where on the ground without any exca-vation where they grew, and where water does not stand; pack them closely to-gether, tops turned down on the ground

or even slightly upon one another as to that matter, the roots standing above, and if desired, extend in long, narrow rows or put into broad beds, then a light covering of straw, where it is preferred, may be put on-we, however, dispense with it-but cover with the clean, fresh carth that lies at hand, and

our cabbages come from this dirt cover-ing firm, crisp and bleached white and old sod to turn under do it now. tender as celery. Of course it must be before storing them away in bulk. understood that in all these out of door storing the cablages are to be taken up for fall set cuttings of currauts, grapes, by the roots and the leaves, except deetc. caved ones, left on.

Celery may be similarly treated. For and other stuff which afford a harbor for family use a very good way to store them insects.

is to stow the roots compactly in deep, narrow treaches on rising ground in the garden. Make the trench the width of

them, and if it should it would thaw out gradually with but little, if any injury.

Judging Distance by Sound.

A floating item declares that thesmost Some experiments in judging distance careful experiments which have been y sound were carried out on Saturday made show pretty plainly that cooking grain feed for hogs is not only unprofita-ble, but an absolute waste. On the other last by one of the London brigades of Metropolitan Volunteers. This branch of military tactics is quite a new hand, the same experiments show that departure in volunteering, and one which, soaking the grain is an advantage. In if it is to made of service, will require these experiments the grain was all more than an ordinary amount of pracground, and was in all cases fed before tice. It was first explained to the men soured. Sour slope are not good for that sound travels at the rate of 1100 ogs, and a great waste of the most nuyards in three seconds, and on this basis tritive qualities occurs in the process of they were to estimate the distance at which some rifles were being discharged in the darkness. The answers at first were very wide of the mark, some of the men being as much as 150 yards out It is not good economy to allow water in their calculations. With a little practo stand upon growing crops, meadows, orchards or land intended for spring tice, however, a great improvement was shown, many of the men guessing the distance exactly. I am told, however, crops. This is rather worse in what may be termed the winter months than in th that the experiments are not as satisfac-tory as was hoped, and it is thought some summer. And trees or plants in the orchard or small fruit plot are seriously injured if not killed outright by caretime must clapse before judging distance by sound can be relied upon with any sness in allowing water to stand around certainty .- London Life. them during the winter, often freezing

up and forming a coat of ice over the soil and roots. Grass both in the pastures Things Are Seldom What They Seem.

and meadows is often entirely killed out Half a dozen school boys were worrying their brains in a sidewalk congress by a failure to provide sufficient-drainage to get rid of the surplus water. With the cultivated fields it is nearly the other day over a difficult problem in quadratics. When they had fairly given t up a battered old individual who was always an item to get the greater portion of them properly fitted for the soil as shoveling coal a door or two away and who had overheard the boys' dispute early in the spring as the soil can be came up and asked leave to try. Then Fall plowing is one valuable assistant picking up a bit of coal he soon spread the values of X, Y and Z on the flagin this work, yet it is impossible to fully ging before the astonished boys.

Again, a party in a hotel not long ago With the surface water out of the way fall were drawn to watch the emotion of a plowed land will dry out and work up dirty and half-drunken tramp who sat in much earlier than if this is neglected, so the barroom while the sound of the piano that if earliness is an item with the crops came from an adjacent room. As the care should be taken to see that it is pro music ceased the vagaboud rose slowly as if in a dream, walked into the parlor, and The work should be done in the fall be seating himself played for half an hour the fore the ground freezes. In planning the work care should be taken to avoid choicest classical music with an exquisite and marvelous touch. These incidents washing as much as possible. There is, of course, a considerable difference in show that things are seldom what they seem. - New York Sun. land in this respect, as some is much

Governor Shoup, of Idaho, reports that the population of his Territory is 113,777, a gain of 81,167 since 1880; the land is broken and is easily washed that in the past year the assessed valficiently winding to allow a gradual uation of property has increased \$3,000,-000, and the production of gold, silver, descent. On more level, where there is less danger of washing, straighter fur-rows can be made. The character of the lead, and copper \$8,000,000; tha 600,-000 acres of land are under cultivation, soil and the way it lays should determine and that the total railroad mileage is majority of cases a good plow and a team will make the ditches large and \$88.73 miles.

The American Economic Association has received a sum of money to be awarded as prizes for the best essays on the subject of women wage carners.

A New Kind of Iusurance

A New Kind of Issurance Has b en put is operation by the manufactur-ers of Dr. Pierce's medicines. His "Golder Medical Discovery" and "Envorite Prescrip-tion' are sold by druggists under the manu-facturers' posities guarantes. Either benefi-or a complete cure is thus attained, or money paid for these medicines is returned. The cer-lificate of guarantes given in connection wit sale of these medicines is equivalent to a polic of insurance. The "Golden Medical Discov ery" cures all humors and bloot taints, from whatever cause arising, skin and scalp dis-cases, scrofu ous sores and swellings. Th "Favorite Prescription" cures a 1 those de rangem nts and weaknesses pe.ullar to wo men.

Don't hawk, hawk, and blow, blow, disgust int everybody, but use Dr. Sage's Catarr Remedy.

PRIVATE SECRETARY HALFORD is anxious t

Private Science Art in Activity is an avoid to resume newspaper work. Mediocrity always copies superiority. Dob-bins's Electric Scap, first made in 1865, i as been imiliated more than any scap made. Ask your gro er for Dobbins's Electric Scap, all other Electrics, Electricity, Magnetics, etc., arc imiliations.

OLIVER WENDELL HOLMES refuses to write any more poetry.

Oregon, the Paradise of Farmers. Mild, equable climate, certain and abundant crops. Best fruit, grain, grass and stock coun-iry in the world. Full information free. Ad-dress Oregon Im'Igrat'n Board, Portland, Ore



Characteriae that very common com The foul matter drepping from the head into the bronchial tubes or lungs may bring on br

What Women Can De. Every wife or daughter living near a village or large market, can make many dollars such year raising eggs. Just assurely as that a woman can tend a baby better than a man, just so certainly can she care for any anima better. For example, Mrs. Eunice Goodwin, East Livermore, Mc., says: "In four weeks, last autumn, my thirty hens laid 131 eggs. I then fed them Sheridan's Condition Power, advertised to make heas lay; and in eight weeks they laid 478. Having sold twelve, the weeks they laid 478. Having sold twelve, the remainder laid 815 eggs in eight weeks, by feeding Sheridan's Powdor. I sold the eggs for #15.48, making clear #13.38 from only eighteen hens in eight weeks. One of my Polleh hens which 1 could not buy for \$2.00 would have died but for Sheridan's Powder. I. 8. Johnson & Co., 22 Custom House street, Boston, Mass, the only makers of Sheri-dan's Condition Powder), will send, postpaid, two 25 cent packs of Powier and a Poultry Guide, for \$1.20, a large 2½ pound can, and book; six cans, \$5.00, express prepaid. Send stamps or cash. Interesting testimo-nials free. For five cents a copy of the best Poultry paper sent. Poultry paper sent.

About 2300 miles of main for carryng natural gas have now been laid in this country, and the total capital invested in the business exceeds \$50,000,

A Few Pointers.

The recent statistics of the number of deaths show that the large majority die with consumption. This disease may commence with an apparently harmless cough which can be red instantly by Kemp's Balsam for the Throat and Lung , which is guaranteed to cura and relieve all cases. Price 50c. and \$1. Trial size free. For sale by all druggists.

000.

THERE are 210 co-operative building and loan associations in the State of New Jersey.

Beware et Ointments for Catarrh That Contain Mercury,

Contain Mercury. As mercury will surely destroy the sense of smell and completely derange the whole sys-tem when entering it through the mnoous sur-faces. Such articles should never be used ex-cept on prescriptions from reputable physi-ciana, as the damage they will do is ten fold to the good you can possibly derive from them. Hail's Catarrh Oure, manufactuned by F. J. Cheney & Co., Toledo, O., contains no mer-oury, and is taken internally, and acts direct-ly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the geouline. It is taken internally and made in Toledo, Ohio, by F. J. Cheney & Co.

Sold by Drungists, price 75c. per bottle. P. T. BARNUM was been in 1810. He brought Jenny Lind to this country in 1849.





READY RELIEF THE GREAT CONQUEROR OF PAIN.

The Unitaria Considered of Painty For Sprains, Henlacs, Backache, Pain in the Check or Sides, Hendicke, Toothanho, interactions ratio and the second second cases of the second second second main in the second second second second main in the second second second second and repeated applications are mecanaty. All meters and Pains, Diarrham, Colle-ments, Nausca, Fainting Spells, Nerrang-second second second second second second responses are relieved instantify are the obstant of the second seco



An excellent and mild Cathartle, Vegetable. The Safest and Best A in the world for the Cure of all D of the

LIVER, STOMACH OR BOWELS. Taken according to directions they will estore health and renew vitality. Price 25 cts. a Box. Sold by all Druggists.

NYN U-47 L' YOU WISH A GOOD REVOLVER Purchase one of the cole by a the Right and the state wated RMITH & WESSON as. The finest small arms r manufactured and the t choice of all experts. numectured in calibrea 25, 57 and 48-197 durability and score, they are durability and scores CV-cheap malleable cast-line are often sold for the SMITH & WES'SON, Springfies

UBURG CHAIR STYLE BABY COMBINING SARTICLES CA COM OF FURNITURE. CA COM INVALIO SUBTLIES Where the second of the second The all FRE LUBURG MFG. CO., 145 N. Sth SL. P.

THE EDWARD HARRISON MILL CO., Harrison's Standard Barr Stand Grinding and Finning A Mills of all sizes and varieties, ity and dura billsy.



BASE BALL Chadwick's Manual. SENT FREE on application en THEODORN HOLLAND, P. O. Box 120.



HOME STUDY, Book-keeping, Bus thoroughly taught by MAIL. Circulars free, iryant's College, 457 Main St., Buffalo, S. Y-

LOVELY Calendar and Free Sample Goods that will sell, 6c. stamps. W. C. W., No. Dunbarton, N. H

Here It S Want fo learn all about a Eerse / Hew to Pick Out a Good One ? Know imperfec tions and so Guard agains

reading our 166-PAGE ILLUSTRATES HORSE BOOK, which we will forward, past paid, on receipt of only 25 cents in stamps. BOOK PUB. HOUSE.

134 Leonard St.,

DISO'S REMEDY FOR CATARRH.-Best. Easiest

I to use. Cheapest. Relief is immediate. certain. For Cold in the Head it has no equal.

A cure is

New York City

or how carefully the milk is strained, to

occasionally gets in the milk while set cooling. Straining the cream makes it smooth, and seems to facilitate churning. If the churn is a kind which cannot be set in ice-water, and it is necessary to use ice to change the temperature, tie the ice in a thm piece of cloth before putting it into the churn. This will keep the grains of sand or other impurity frozen in the ice from getting in the butter. Having thus secured clean, firm butter, work it and then pack in new stone jars and deposit in the cold-storage rooms where ice, for home consumption, or when there is

tilled water. If there is no ice manufactured near, where the price for storage dig holes, deeper than the butter-jars, in one corner of a cool, clean cellar, and bury the butter until cold weather or such time as the butter is needed.

trap door, which is just large enough to swept that floating, misty veil aside and admit the passage of a medium-sized dashed the bright drops against the man. At each end are two iron rings mighty sides of the mountain, where it through which the ropes are run and the nourished millions of beautiful flowers, rigging from the shore to the ship is the and the misty well swayed and swept same as that used with the breeches in a rainbow arch far aside, and silence buoy. The car is only used when the reigned unbroken for one moment, and surf is too high for both the breeches then burst forth the song of the mocking buoy and the life-boat, and when the birds in the treef, the bushes, the air, ship is liable to go to pieces at any mo- until the whole forest pulsated in unison ment. The car will accommodate six or with their song. eight persons, while the buoy only carries one at a time. It has been used with great success in a high sea, as the men at very natures seemed permeated with their the oars are protected from the waves. The single passenger in the buoy often sad and plaintive, and then full, rich and goes under a heavy wave, and in one case on the coast near Maine a man being rescued in this way was drowned before he wondering silence. Just as it seemed that could be hauled ashore.

After the ropes and the buoy were run back to the station the order was given for practice with the life-boat men stood at the ropes and at the proper struck with an awsome roar into its rocky nollow with a force that made the earth with the boats on its carriage. A stiff tremble, and was again lashed to furious pull of nearly 200 yards brought them to the water's edge, where the wheels were unlocked and taken apart, letting alternately, and has for ages, the song of the boat fall geatly on the sand with her the birds and the thunderous reverberanose pointing toward the sea,

Each man then buckled around his waist a huge cork life-preserver, and laying his oar along the gunwale, took his stand near his seat. At another order the boat was pushed through the sand until her nose just touched the retreating the sun linto motive power for pumping

"Do you want to get wet?" asked Captain Van Wieklen, of the reporter, who agreed to take a ducking for the sake of a trip through the surf.

Each of the crew had on a suit of heavy oil clothes and wore a hig to wester," which reached two fect down his back. There they stood, almost motionless at their positions, the Captain at the stern, waiting for a favorable moment.

"Stand by," orled Captain Van Wicklen, and in a second the hoat was being wed through the shallow water. When the crew were knee-deep in the bubbling surf, they were ordered aboard, and aboard they went in a hurre. Each man sprang to his seat and it was but the work of an instant to grasp the oar and run it through the rowlock. The Captain in the meantime had jumped to his sent at the stern next to the reporter, and had run out a big oar which he used as a radder. The boat was carried swiftly out by the receding wave, but not far enough for comfort, for the next wave broke over the bow, drenching every one of the crew. The cars were then plied the phonograph when it was exhibited to with a will, and in a short time the boat him at Friedrichsruhe the other day, was riding the waves like a feather, half Prince Bismarck seat the following mesa mile from shore. After a twenty min- sage to his son : "Be moderate in work ntes' drill in carsmanship the order was moderate in eating, and also somewhat was given to put about for shore.

At the top of the car is a small to see where it had gone. The wind had and snow. And as the severity of winter

approaches cover over the roof well with straw. So stored, it is an easy matter to Millions of brown coated birds there open at either end of the trench and take were everywhere, until the whole of our out a supply and again replace the cover. music. ¿ Sometimes low and sweet, again Or, if it is preferred, celery may be kept in deep, narrow boxes, the plants put into them firmly, as directed for the triumphant like a pæan of joy and glad-uess, while we looked at each other in trench, and the boxes stored in the cellar. In putting away in this manner keep conthe melody was unsupportably sweet, and siderable soil about the roots that the that our hearts could not contain more plants may commence growing, and then blanching takes place. On the other hand, if there he not enough soil about without the relief of tears or shouts, the The wind died away and the water again the roots to promote growth, there will follow a gradual withering of the staiks, Beets, carrots and turnips can be safely kept in cellars or in mounds in the open foam and the song of the mocking birds hushed. Thus it goes on ever and ever, air, as they can be so well covered with straw and earth that frost cannot reach,

tion of the cataract .- Utica Observer.

Making the Sun Work.

One of the most notable inventions displayed at the Paris Exhibition was an apparatus for transforming the heat of water and other mechanical uses. It is the device of a French inventor named

Charles Tellier. This apparatus is of great interest as foreshadowing the time when solar heat, in combination with electric transmission of force, will be made to furnish motive power for all engines and take the place of coal and steam, a change which will

vastly cheapen manufactures and travel

and greatly enhance human comfort the posed to a drying atmosphere. world over. The heat which comes to the earth in the sun's beams is, as has long been known, the equivalent of one to five or more horse power for every square yard of the earth's surface, according to the latitude and the season of the year. The utilization o" this waste heat, its conversion into usable power, has been the study of inventors, and much time and great sums of money have been spent upou it. M. Tellier's contrivance aims

Bismarck's Advice to His Son.

Besides singing an American song to (auch etwas) moderate in drinking-this When the crow were about one hun- is the advice of a father to his son,

rule in the spade and deep enough to nearly take in the entire plants, roots and all, the tops remaining just above the surface. a specialty.

It is suggested that cold stables may be cheaply made warmer by lining them Take up the plants, leaving some earth with building paper.

adhering to the roots, and put them Let the white clover come in. It losely together in the trench. Slope thickens the bottom grass and is good he earth from the edges of the trench so food for most animals.

hat the water will flow from it. A If meadows are to be top dressed with emporary covering of boards should be manure there is no other time so favorplaced over the trench to keep out rain able as late autumn and early winter.

> All the rules for feeding cows and caring for them are profitless, except as they are accompanied in practice by kind treatment.

Season the feed of chickens and all other fowls with salt. It is a preventive of disease and is good for the entire animal creation.

A stiff brush in the stable, judiciously used on farm horses, is a good deal better than a horse doctor, and not so costly or uncertain.

Wheat straw makes a good mulch, but not better than many other things. Wheat land would not so soon be exhausted if the straw were returned to it as a mulch. He who makes the greatest success at swine growing is one who commenced in a small way and works to greater numbers as he learns to breed, grow and feed.

Dig the roots carefully and cleanse them, and let them dry in the shade. Good country roads may be regarded as one of the highest evidences of civilthrowing out all imperfect or decayed ization, but this evidence is not found in roots when storing. We find that they keep very well piled up in cone shaped mounds, without sand or dirt used as be-We find that they, such abundance as to become tiresome to dwellers on the western continent.

tween layers; then cover with dry straw, It may cost less to buy cows than to raise them on the farm, nevertheless, it then with earth till secured against freezing. Then over all put a shelter of boards. Even where there are cellars for is better to raise them, for then one may know what they are, and they will do storing such products it is in some rebetter, too, than cows shifted from place spects better to pile them out doors and cover with fresh earth; it prevents wiltto place.

A pig that is stunted in the early days ing and keeps them plump and fresh. or weeks of its life should never have a Indeed, all roots and tubers preserve place in the breeding herd. If used in their natural taste and freshness much the herd it is to be expected that the offbetter if covered with earth than if extpring will inherit some of the unthriftiness caused in the parent by stunting.

If a meadow is to be preserved many years cattle must not be permitted to graze it at any time of year, except it be given up occasionally a full season to grazing, and then no hoof should be allowed upon it when the soil is full of wa-

A good time to sell farm products is when they bring good prices; better than to wait with speculative desire for something more; but better still is intelligent ever, fewer decayed apples in our bins when we go to the additional trouble of understanding of conditions that lead up hr down in obedience to the law of supsetting up in the middle of the boxes a ply and demand. frame of slats nailed together, by which If farmers who

If farmers who have large weeds growing in front of their farms would take a ride along those where the weeds are kept mowed down they would surely be induced to mow their own weeds. The the apples are ventilated and better preserved. The methods here pointed out are simple and convenient, and are adapted to the wants of most families prouble is light and the improved appearwhere more expensive arrangements are inexpedient or not necessary .- American ince worth a great deal to the farm and the farmer's reputation,

s annually. Hence the necessity of giving en-**OPIUM** ITABIT. Guly Certain and easy CURE in the World. Dr. J. L. STEPHENS, Lebanon, O tarrh immediate attention. Hood's Sarsaparilla curescatarrh by purifying and enriching the blood, restoring and toning the diseased organs. Try the peculiar medicine.

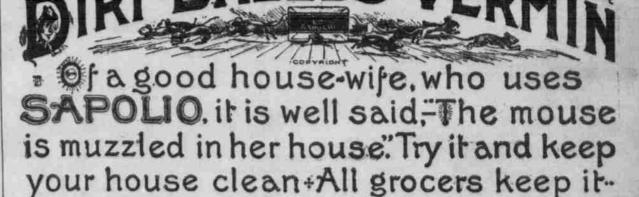
"Hood's Sarsaparilla cured me of catarrh, Gussons, Hamilton, Ohio.

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

100 Doses One Dollar



Only Certain



SAPOLIO is the house-wife's best friend. With it she conquers dirt and adds to the appearance of her house by keeping it clean. Don't be foolish and try to clean house without SAPOLIO. Quick work can be done with SAPOLIO. Common soap and elbow service belong to the past generation. Be in fashion and use SAPOLIO.



fully, and put them into the inner boxes, which we line with old papers, if new pine boxes, to prevent tainting the apples with a piney odor, then cover with anything that will serve to keep the apples from freezing. We find, how-

As to storing apples, we put boxesommon goods boxes will do-of one size into others of a little larger size, filling the space between them with dry dirt, or anything that will serve to keep out frost. Then sort the apples well, handling care-

to accomplish this object.

Iteral Home.