How to Make Farm Work Easier and Home Brighter.

Any animal which gives milk is thereby to a great extent protected from disease. What would otherwise cause sickness has an escape valve milk in summer, from which so many what is unfit for a person.

There is great economy in feeding horses to cut the coarse food and mix it, after moistening, with oatmeal or a mixture of corn and oats ground together. Both the hay and grain do more good, as the whole is better digested than when left to be masticated if dug in the fall. by the animal. With an increased proportion of meal, straw may be

kept it on until it dried out by the heat good results.

the albumen or white.

sets planted in these at about the same are abused. distance. Each set has two eyes, is | Some men think they are good farmtire ground is to be kept well cultivated. September. Where the hop louse has not made its appearance, the crop is generally a very profitable one.

concentration of sap in a few large would be the returns from the grain the vigor of its growth.

It is not often that a careful farmer interest with profit to all parties conwill allow sows to breed so as to cerned.-Breeder's Gazette. drop their pigs late in the Fall. It costs more to winter such pigs than they are worth, as it is almost impossiand if it were offered generally in Fall timely season can be put.

The future shape, productiveness and value of an orchard depends habit of growth of different varieties the tree is small sets it to growing in seedings and sprouts and much may the right shape, and avoids the need of be saved by a little care while working sawing off large limbs later, which can among the young trees, never be done without inflicting But in many cases. the tree. It is in pruning, more even timber, there is much work done that than in anything else that a little done is worse than useless. Such frees at the right time saves the necessity for should never be thinned out unless doing much more afterwards.

Many farmers who have practised the plan recommend cutting corn fodder and piling it in small cocks to cure. In a large stack the heating of so much wet material would certainly prove injurious, but in small-sized cocks the fermentation is just enough to furnish heat to dry them out. It also softens the stalks, which are eaten with less waste than those set up in stacks and dried by exposure to the air. Rain does not penetrate these cocks to any great extent. Farmers have often noted that the dampened stalks kept in mows, even when slightly mouldy, were eaten cleaner than those thoroughy dried.

The United States consul at Maunheim, Germany reports that German too much, and that some of nature's chemists have learned how to make butter from the oil of the cocoanut. One factory already produces 600,000 pounds daily, which is sold at fifteen cents per pound. The nuts are procured from Africa, South America and other tropical countries. Cocos

FACTS FOR FARMERS, nut butter contains seventy per cent. of fist, and of the remainder, one-third is composed of the albumen, which AGRICULTURAL NOTES AND HINTS give it a greater nutritive value than cow butter possesses. The new butter is used largely in hospitals, and is finding its way, on account of its cheap-ness, to the tables of the poor, especially as a substitute for eleomargarine, to which it is certainly superior as usually made.

Roots of all kinds are better kept in pits than in cellars, where they are exposed to currents of air. Some earth through the milk secretion. The mere should be mixed with them to fill up statement of this fact ought to empha- the spaces, and thus prevent the evapsize the necessity of giving milch cows oration that usually makes them dry pure water. The unhealthfulness of and tasteless before spring. Beets and children sicken and die, is more frequently caused by giving the cows impure water than by anything else. The pure water than by anything else. The cold. Turnips, rutabegas, carrots and farming. cow should not be allowed to drink parsnips will all bear a temperature point, provided they are in contact with the soil. Parsnips with a slight covering of the part of the roots above the surface may be left in the ground with benefit. The freezing makes

them better flavored than they will be

Several trials in recent years have substituted for cut hay, but there should shown that the pine leaves, or needles, be enough coarse material to fill the as they are called, from our common stomach, and also to make the wet pine forests are valuable, or can meal porous, so that it will not mass in be made so, as a fertilizer for potatoes a lump, and thus cause colic if no on sandy soil. If the prejudice against sawdust from resinous woods in general can be removed, and vegetable Sheep need shelter at all seasons of matters guthered and applied to the the year. The cold rains, which come soil with less regard to its origin and late in fall, are even more hurtful to more for its effects, it is quite likely them than is the steady cold, freezing that many farmers would find in the weather of later winter. So long as pine forests and groves a valuable ad-the sheep is dry, its coat of wool is a dition to their scant supply of bedding. protection against the cold. When and at the same time furnish the much this becomes wet, the coat, being next needed vegetable matter. One man the skin, chills it by constant evapora- raked up the pine leaves with what tion, until the animal takes cold and decayed vegetable matter there was

We wish some of the men who so The shrunken grains of wheat that strongly object to letting cattle run in but proportionably more gluten, than take a walk over their pasture now beuse of this shrunken wheat is to feed of their care for the grass in mowing it to hens. It needs no grinding, as fields could not be exercised to good fowls do better on whole grain, which advantage elsewhere. They will find gives due exercise to their strong di- the grass gnawed close to the ground; gestive organs. Wheat contains more nothing left for a mulch to enrich the phosphate of lime than any other grain, soil, or protect the roots, or hold the and most of this is near the outside snow from blowing off. Yet these husk. This helps make the shell, while pastures are expected to support the the gluten, which lies just beneath stock about seven months of the year keepers. forms the bulk of the egg, especially without any return for the elements which are taken away, and many of Aithough hops can be grown from them cannot be plowed and reseeded seed, this is not the usual way of pro- as the fields can. There is an extreme pagating them. The best time to plant to be avoided in pasturing fields, but hops is in the spring, as early as the the results are not as disastrous and be not the old ones with new names made about eight feet apart, and the abusing the pasture as many pastures

planted about an inch deep and pressed ers if they can get two tons of hay per firmly down. The first year, a hill of acre on a few acres in sight from the corn may be planted each way between road, even if the pastures fail so the the hops, but the second year, the en- cattle have to be fed at the barn in

There has been a wonderful awakenthe matter of sheep breeding; and heifer, ground oats and bran, mixed It is a good plan to use the summer- while this has extended to almost with hay or corn-fodder which has just made manure as a top dressing for the every branch of the trade, the heavier been cut up and dampened, are better poor places in wheat fields. A very carcassed breeds have, naturally than the oats cooked and fed clear. little fertilizer goes a great way in enough under the existing circumsuch cases. In our experience, when stances, been the chief beneficiaries. the ground is dry, little damage is Prices received for the best grades of done to wheat by driving over it with fat muttons in this market have been Oberly, the "bishop," was a younger loaded manure wagons having broad tires that do not cut in deeply. If only ordinary wheels are used, defer that farmers and feeders generally described by the claims to know the wast and the perfect only ordinary wheels are used, defer that farmers and feeders generally described by the claims to know the wast and the perfect only ordinary wheels are used, defer that farmers and feeders generally described by the claims to know drawing until the surface is frozen so have begun to turn their attention at what he is talking about, tells us that liquid fruit laxative, Syrup of Figs, unit will bear a load, or wait still later and draw on the snow with a sled. In this case some marks should be put up from Mattoon, Ill., that Coles county from Mattoon, Ill., that Coles beforehand to show where the manure feeders have within the past week received 5000 heads of young sheep from southwestern Kansas and Montana ranges, to winter on the cheap It will save much labor if the effect corn so abundant in that section and of Fall pruning is thoroughly under- from various other quarters the in-Wherever a dormant limb is formation is conveyed that sheep feedcut off, the bud just below the cut will ing is to constitute a very important next season push with greater vigor, industry during the winter months. and become the main shoot if the high- Owing to the comparative scarcity of est left on the tree. The more vig-good grades and crosses of the various orously a young tree is pruned in Fall mutton breeds, feeders are, of course, or Winter, the stronger growth of wood it will make next year, and the the far west, but how much greater shoots will prevent fruiting. The only to be consumed if adequate supplies of pruning that can promote fruitfulness better-bred animals were available. is that done while the tree is in leaf, The Gazette believes that in the judiand this result is effected by checking clous breeding of pedigreed sheep of the distinctly mutton sorts there is room for a very wide extension of

While the question is being conble, however well fed and housed, to sidered whether our abandoned farms keep them from being stunted. But shall be allowed to grow up to forests the pigs need not be wholly lost, or be peopled with Hottentots, as a Probably the best use of them is to well-known orator has put it, it is well fatten rapidly and sell for roasters to be prepared for either case. There oliday time. Roast pig is bet- are many places where the farmer's ter liked by many than roast turkey, greatest care is to keep the bushes from over-running their farms, and farmers and early winter it is probably the best in such localities will not appreciate in the palace grounds lest he should use to which pigs dropped at this un- lectures on forestry. But where farms are well cleared up and a certain portion set apart for woodlot from necessity, and it is desired to get as much as apparent should be treated as a suspossible from the given area, there is pected criminal, and Abdul Hamid i much that may be done to advantage. mainly on the way it is pruned while All trees which have fallen should be young. It requires knowledge of the picked up and used before they are worthless, and crooked trees which are to know how to prune them to ad- crowding others should be removed. vantage. A little pruning while the Stock should be kept out to save the

But in many cases, especially in wounds likely to destroy the vitality of young pines that are to be saved for they are too thick for a man to walk among them. The value of timber depends on its length, straightness and freedom from knots. Where a green limb is cut off a knot remains. Where the timb dies and drops off naturally, the knot disappears and we find clear lumber; if small pines are cut away so as to give each one that is left the space it should occupy, when mature they will produce too many side branches which will necessitate continual pruning of green limbs. A pine growing by itself in open land will spread out as much as an apple tree, and while by pruning a decent looking log may be made of its trunk, it will not produce clear lumber unless the young branches are clipped off each year. These facts which anyone may observe should convince owners of lots that there is such a thing as doing

> East India has luminous plants. Paris w'll be the best lighted city. Paris is to have an underground road. Turkey vultures smell food 40 miles. Jersey City has a good public library Electric cranes areincreasing in use

plans are well enough as they are.

Srow is apt to catch in the branche of evergreen and other closely-branches trees. It should be shaken out befor

it hardens. Have hand snow plows for narrow ened and tramped.

geoi, laxative diet, and not be overfed. famous Regent in the French Crown if they are good milkers, and archigh. ty fed up to the time of ealving, there is danger of milk fever.

Many farmers in western New York

Sheep should not be compelled to nearly or quite down to the freezing feed at the same rack with cattle. They are liable to be hooked and a vicious ram may sometimes do injury to cattle. Separate yards and separate racks are safest and best.

There are more of the "all purpose" qualities in a sheep than in any other single animal. Good mutten, good wool, good breeding qualities, including ample milk for the young, can all be found under one pelt.

Every sheep owner should get acaudiated with his flock so that they will gather around him in confidence and he may took them over at his lateure. It will save penning them every time he wants to inspect them.

Lawns, when snow is on them, are ept to be erossed by thoughtless persons to the frequent injury of shrubs and small trees. Signs will do no good, but a temporary fence of stakes and one or two strands of barbed wire tem. All Blood, Skin, and Scalp

There is generally a ready sale for hoops wherever merchant-milling or pork-packing is carried on. They are i dies from lung disease, just as its owner would himself do if he were exposed to rain in woolen clothing, and let it be in a pile a few weeks and then used it for potatoes with other places where heavy goods are packed for shipment.

Phosphoric acid containing fartilizers qualed remedy.

Don't think it's like the sarsapagave the best results on wheat at the Virginia Station (Bulletin 1). Stable come out as screenings have less starch, mowing fields in the fall would just manure was less satisfactory than any of the forms of complete fertilizers. that which is plump. The very best fore the snow comes and see if some Potash gave the second largest, and nitrogen the least increase.

pearance, are caused by throwing yel- your money back. low and white butter promiscuously together, and then working the whole get. into a mass, according to the too-com mon practice of some country store-

A market-gardener should also be an experimenter. He is quite safe in assuming that the seeds offered each year with such glowing praises are no better than the old ones, if, indeed, they ground can be worked. The rows are hard to overcome as the results of Still, if one in five or ten of the new sorts is an improvement on the old kinds, he should know it; the only way to get the knowledge is to fry.

Subscriber: As nearly as can be udged from your description, the shrinkage in the cow's milk was caused by temporary derangement of the digestive organs. Make a mixture of wood ashes, pounded charcoal and ing during the past twelve months in herself to it ad libitum. For a young

> Oberly's Little Joke. first anniversary of that event: The on the kidneys, liver and bowels, entire household was asleep excepting, presumably, young Oberly. At a few minutes after I o'clock he went to the causing the camera to revolve on an door of each bedroom and with feigned axis so that the sensitive paper may cantionsness aroused the sleeper, say

'There's a man in the house." Presently everybody was up half. fressed. Some ventured out into the halls and others stood timidly in their half-open doorways, while others remained out of sight behind locked doors.

"Come out here," said John to those who had not left their rooms; "I tell you there's a man in the house." "Finally be succeeded in getting everybody into the hall, where the group stood, half afraid, baif ashamed o show fear. "Where is he?" said one.

"Here I am," answered John: "I um a man. I was 21 fifteen minutes ago."-Washington Post.

The Sultan's Brother a Prisoner. five and forty named Mohammed Re- tory. chad. He is the sultan's own brother, and is kept a close prisoner conspire for his majesty's downfall, He has certainly no such intention, but usage requires that a suitan's heir much too nervous a creature to inno

The Hon. J. W. Fennimore is the at Dover, the County Seat and Cap- Sed and forty were partially verified. ital of the State. The sheriff is a gentleman fifty-nine years of age, and this is what he says: "I have call Sick Headache. A pain comes in the back part of my head first and then soon a general headache until I become sick and vemit." At times, too, I have a fullness after eating, a pressure after eating at the pit of the stomach, and sourness, when food seemed to rise up in my throat and mouth. When I feel this coming on if I take a little Angust Flower it religious. Try if. little Angust Flower it relieves me, and is the best remedy I have ever taken for it. For this reason I take it and recommend it to others as a great remedy for Dys-

G. G. GREEN, Sole Manufacturer, Woodbury, New Jersey, U. S. A.

The giant diamond, lately discovere. in Cape Colony, and now at the Paris exposition, weighs 180 karnts and il valued at \$8,000,000. It is kept in a At he hand snow plows for narrow glass case by itself, and guardians clear all the paths and roads soon after stand around it all day. At night it is a fail, and before the snow gets hard-placed in a large safe, which is similarby guarded all night. It is said to be Cows soon to calve should have a of the first water, and as pure as the stamonds. It is for sale, and is confidently expected that some American in homespun elethes and a slouch hat gave up the wool business as unprofit- will come along one of these days and



nature, by Dr. Pierce's Golden Med-

ical Discovery.

It's a medicine that starts from the beginning. It rouses every or-gan into healthy action, purifies and enriches the blood, and through it cleanses and renews the whole sys-Diseases, from a common blotch or eruption to the worst Scrofula. are oured by it. For Tetter, Saltrheum, Eczema, Erysipelas, Boils, Carbuncles, Sore Eyes, Goitre or Thick Neck, and Enlarged Glands, Tumors, and Swellings, it's an une-

rillas. They claim to be good for the blood in March, April, and May. "Golden Medical Discovery" works equally well at all seasons. And it not only claims to do good-it Well-defined streaks of different guarantees it. If it doesn't benefit shades in butter, giving it a calico ap- or cure, in every case, you have

You pay only for the good you

Every Sufferer

A perfect sapphire is one of the rarest gems, and consequently when found commands a very high price. It iscurious that a test of its perfection is that it shall show red in a strong, artificial

JUDGING FROM APPEARANCES .- "IS that tail, slim fellow over there a Rus-A SOFT SNAP,-She-"Now, my poor

He looks more like a Pole.

A Parislan camerist has devised method of taking panoramic views by "take in" the horizon.

Who is Mrs. Winslow?

As this question is frequently asked, we will simply say that she is a hely was far over fifty years has unitringly devoted her lime and target among children. She has especially studied the constitution and wants of this numerous class, and, as a result of this effort and practical knowledge, obtained in a difetime spit as a curse and physician, she has compounded a Soothing Syrap for children teething. It operates like magic—giving rest and health, and is morever, sure to regulate the bowels. In consequence of this article, Mrs. Winslow is becoming world-renowined as a benefactor of her race; children certainly do niss up and bless her; especially is this the case in this city. Vast quantities of the Soothing Syrup are ball, sold and used here. We think Mrs. Witslow has immortalized her name by this invaluate article, and we sincerely believe thousands of children have been saved from an earry grave by its timely use, and that millions yet unborn will share its benefits and note on callin her blessed. No MOTHER has discharged her duty to her suffering little one, in our opinion, until she has given it the benefit of Mrs. Winslow's Soothing Syrup—Ladles' Visitor.

Thunder storms are gradually decreas-The man who will succeed Abdul ing in number in the larger towns of Hamid as Sultan of Turkey is a Natal, South Africa, according to the wretched, lean, paie-faced creature of Superintendent of the Natal Observa-

> An attempt to produce artificial rain is to be made in Kansas. Balloons filled with hydrogen and oxygen gas will be sent up and exploded by electricity.

> Every ingredient employed in producing Hood's Sarsaparilla is strictly pure, and is the best of its kind it is possible to buy. In the course of preparing Hood's Sarsaparilla everyhing is carefully watched with a view to at

It is stated that coffee is a germicide he bacilli of cholora and typhus having been destroyed by the infusion of

RUPTURE. Feb. 9th. '91-Some people of secured, I know it can as I was badly rupture can be curred. I know it can as I was badly ruptured for 25 years and Dr. J. B. Mayer, 831 Arch St. Philadelphta, entirely cured me 5 years ago M. B. HARTING, New Ringgold, Pa. Dr. Mayer, 830 gives treatment at the Hotel Penn, Reading, Pa., on the 2nd Saturday of each month

Of 305 weather ferecasts issued in Sheriff of Kent Co., Del., and lives South Australia in 1890, 250 were veri-

entleman fifty-nine years of age, and this is what he says: "I have used your August Flower for several years in my family and for my own use, and found it does me more good than any other remedy."

I have been troubled with what I there have been troubled with that the says and the same troubled with that the says and the same troubled with that the says and the same troubled with that the same troubled with the same troubled with that the same troubled with the sam

The maximum safe velocity of cast iron by wheels should not exceed a r.m speed of eighty feet per recond.

A wool of good quality is said to have been made from the fibre of the fir by the aid of electricity. FITS; All Fits stopped tree by Dr. Kline's Great Nerve Heatorer. No Fits after first day's use. Martelous clares. Treatuse and its obtain bottle free to Fit cases. Sendio Dr. Kline, Sit Arca St. Falla, Ph.

Compressed coal dust is coming

I Lost

My confidence, was all run down and unable t work—in an extreme condition of general de bility when I was told that Hood's Sarsaparilla was just what I needed. As a drowning mar grasps at a straw I decided to try this medicine and to my great surprise, from the first day began to improve. By the time I had finished my second bottle I had regained my health and treached and from that day I can say I have strength, and from that day I can say I have been perfectly well. I have recommended Hood's Sarsaparilla to my friends, whom I know ave been been benefited by it. It is inde-

Hood's Sarsaparilla not only helps, but it cures." H. J. PIDCOCK, Delevan Street, Lambertville, N. J.

HUMOROUS.

Crow bars -Sheiguns. Loose habits-Night robes. Risen from the ranks - Malaria.

Take things easy-Eneck thieves Serves us right-The botel waiter.

Come high, but we must have them

Banker Wales is reported seriously

Never attempt to sit down in a chal that isn't there.

The work of a woodchopper is known

Poems on "Washday" should be call d clothes lines. A bald headed man's bair is like a

Magistrates have a great many fine opportunities in life

The man who stole the chicken made a clean breast of it.

A tunnel must be completed before in an be called under way. The time not to call-When the other

ellow holds four aces. Mitwaukee is said to be more dirty and healthy than before.

YE SUMMER GRIL, -"That dames over yonder has quite a military air. "Eminently proper. She participated in no less than fifteen engagements last

DRIVEN FORTH .- "So you've rented an office, ch? I though you did all your "Well, I did; but my wife bought a

A BASE JOKE.—"How's that, um-pire?" asked the pitcher, as the ball lew over the fence and scattered the ackling hens in the farm yard. "Fowl bawl!" replied the umpire; and the enemy stole a base before the pitcher could catch his breathe again.

HARD WORK TOO .- "What are you loing for a living these days, Goslin?" asked Dolley.
"I bweathe," replied Goslin with a veary sigh.

GETTING EVEN .- "He is not a bea 'Yes."

"He calls on me oftener than on you," "Yes; I told him the days you were ot at home."

He-"Move the table over to me num. I am't use I to over exertin' my-UNSELFISH MAN. - She-"It's a bull and he's coming right at us! What shall

He-"Well, don't stand there doing othing! Come and help me to climb this tree!"

so anxious to have every one cultivate "Fecause," sai! the scientific gardener, "I am convinced that is the only

way to exterminate them." We offer One Hundred Dollars reward for any case of catarra that cannot be cured by taking Hall's Catarra Cure.

F. J. CHENEY & CO., Props., Toledo, O.,

F. J. CHENEY & CO., Props., Toledo, O., We, the undersigned, have known F. J. Cheney for the last Is years, and believe him perfectly honorable in all business transactions, and finnerially able to carry out any obligations made by their firm.

West & Tauax, Wholesale Druggists, Toledo, ALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally acting ireetly upon the blood and mucous surfaces of ac system. Testimonials sent free, Price 75c, er bottle. Sold by all druggists.

CELES TIAL REPARTER .- "You look rather pale," said the World to the "Getting old and feeble, eh?" "I can go all round you just the ame," replied the moon.

NOT AT HOME. Caller -"Is Miss weete at home?" Servant-"No, sir." Caller-"Please tell her I called Don't forget will you?" Servant-"No, sir; I'll go and tell her this minute."

TAKING HIM AT HIS WORD .- "What ought I to give you?" asked the diner, as he put his hand in his pocket for a tip. "I leave it with you, sir," said the

waiter, politely:
"Thanks; I can make good use of it."
No the waited was tipless. A KEEN-MINDED SUITOR .- "Why de

you send Ethel such handsome presents! andy and flowers are enough." . That's all right. She eats the candy and the flowers fade. When we get married I get the diamonds back.' AND HE GOT AWAY, -Pertman-

Van Leer-"I don't know about that.

I encountered a deaf and dumb beggar -day, and -Pertman-"And he spoke. That's

An undercur.-Jenny (at the win

age of miracles is past.

dow)—"There goes Clara and Tenie. I don't like those girls." Kitty—"But you must learn to like them, dear, now that you are engaged to Tom." Jenny-"What has that to do with my liking or disliking him?"

Kitty—"They have both agreed to be sisters to him."

The greatest novelty in dolls has now the greatest hoverty in dous has now been invented at Nuremburg, the great German town for dolls and playthings. A machine in the dolls causes it to move its hand and write neat little letters on a state or on paper. Whole sentences can be written, to the great musement of children.

The flax has to be broken before its real strength can be known, No one can suffer in any good cause without being a gainer.

remes; they are all popular. Pfoiffor's Art Stores, 109 & 111



there are who regard the coming of winter as a con-

stant state of siege. It seems as if the elements sat down outside the walls of health and now and again, led by the north wind and his attendant blasts, broke over the ramparts, spreading colds, pneumonia and death. Who knows when the next storm may come and what its effects upon your constitution may be? The fortifications of health must be made strong. SCOTT'S EMULSION of pure Norwegian Cod Liver Oil and

Hypophosphites of Lime and Soda will aid you to hold out against Coughs, Colds, Consumption, Scrofula, General Debility, and all Anamic and Wasting Diseases, until the siege is raised. It prevenes wasting in children. Palatable as Milk.

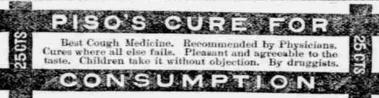
SPECIAL.-Scott's Emulsion is pon-secret, and is prescribed by the Medica. fession all over the world, because its ingredients are scientifically combined in such a manner as to greatly increase their remedic, value,

CAUTION.—Scott's Emulsion is jut up in salmon-colored wrappers. Be sure and get the gennine. Prepared only by Scott & Bowns, Manust _aring Chemists, New York.

The greatest burdens are not the gainfullest AFES BURDEN by using SAPOLIO It is a solid cake of scouring soap used for cleaning purposes...

What would you give for a Friend who would take half your hard work off your shoulders

and do it without a murmur? What would you give to find an assistant in your housework that would keep your floors and walls clean, and your kitchen bright, and yet never grow ugly over the matter of hard work? Sapolio is just such a friend and can be bought at all grocers.



Sowing Clover Seed Too Early.

More clover seed is wasted by delaytog sowing too long than by-seeding carly. It must sink fitto the soil by melting snows or rains washing over it a little of the loose dust pulverized on the surface of all bare fields by winter freezing and thawing. Still the seed may sometimes be sown too carly. We have known clover seed sown in February, and come out all right, while in a milder winter it might germinate and be destroyed by late frosts. When the clover plant has only its second leaf it has very tittle root, and this has only slight foothold in the soil. Destroy this lenf A SCIENTIFIC VIEW .- "Why are you and the life of the plant is quickly ended. Therefore clover seeding should be late enough to insure free-

> ates - Rucat Home. trigating Fruit Forms. In the localities where fruit growers

> dom from frost after the seed germin-

always depend on irrigation, fruit fuiluresure generally unknown. This suggests whether water liberally applied may not be the most profitable investment for orchards. A few barrels of water applied to the soil around each tree, to the distance of twelve or filteen feet on each side, will be especially valuable at two seasons. One is now, in Winter, wherever Winter begun with little rainfull. The other is doring the bearing season, when it is needed to insure perfection of fruit and the formation of fruit buds for the ensuing year.

Stock and Dairy Notes. A change of food is always sensible at short intervals. Give the cow bran mush or a mess of catmenl slop twice a week. It will help the digestion and the appetite. No one should east injurious reflec-

tions upon the fancy dairymen. We owe much to them, their successes are examples for us, and their mistakes or fallures are valuable lessons by which we may guide our practices.

Went Around The Globe.

C. A. Beswick, of Hollidaysburg, Pa., is happy in the experience of having sent and received a letter which left that place on the 18th of July last, and made a passage entirely around seived November 13 in mail from the west. The letter was in Aden, Ara-bia, to which place it was originally place skilled hand labor in making molds directed August 11, and after a visit to the United States consulate, was sent to Yokohama, Japan where it arrived September 25. It was there advertised and then forwarded to the United States October 10. Deducting the sixteen days delayed at Aden, and the time it remained in the postoffice at Van Leer-"No, sir; he couldn't Yokohama, the letter made the circuit from its source, to a paper mill, and around the mother earth in 88 days around the mother earth in 88 days actual travel. The expenses of the trip were just five cents Get Good Advice.

Every young man, on entering the business world, should form for himself, or adopt at the suggestion of competent advisers, a plan of life based upon sound morality, and shaped so as to accord with the bent and scope of his mental capacity. His course chalked out, let him take courage, and, with a stout heart amid all dangers, a pure

Experiments with electric motors in devating and depressing heavy guns and turning them in the right direction taxe been made in France. A saving of time was effected. The three Chilian warships building in France will be provided with such appliances.

forward with hope and confidence.

SCIENTIFIC AND INDUSTRIAL.

Oal., report a snowstorm on the planet Mars. tanooga, Tenn., showed it to be of good quality

The astronomuss on Mount Wilson.

A surface of only two square yards sustains a blow from a heavy Atlantic breaker equal to fifty-four tons. The State Geologist of New Jersey declares that the State is sinking at the

rate of at least two feet in a century. A plant has been established at Portage, Ohio, for manufacturing a substitute for lumber from rice straw, an abundant and burdensome product. Charles D. Young, a Denver (Col.) boy of fifteen, has just built the smallest

pounds. The submarine boat, introduced into Italy recently, which is spherical in shape has thus far given greater promise of success than snything that has been experimented with.

coal-burning locomotive in existence. It

is about five feet long and weighs 235

Miss Flora Grace, of Iowa, is the inventor of a cooking thermometer which marks the boiling point for meet, the goally simmering altitude and the vary-ing baking points for meats, bread, cake and pies,

A recent contract provides for street lighting in Paris on a nover plan. Power is distributed by the compressed air system to a great number or small motors. each of which supplies current for a small number of lamps. Orushed steel-made by crushing in a stamp-mill high-carpon steel quenched

temperature—is being used for cutting stone. It is very hard, and cheaper and more effective than emery. Incandescent lamps placed near the ceiling will cause it to blacken, contrary to general belief. The blackening is not due to unconsumed carbon, but to a corrent of hot air which deposits black

in cold water from an excessively high

particles on contact with a cold surface. The aerophor is a new invention from Germany of great importance instextile factories, and is being introduced into the factories of England as well as Germany. It is an apparatus to diffuse moisture necessary for spinning without injury to health or machinery.

An important innovation has been introduced in the shape of a machine for he globe, traveling east and was re- preparing molds for casting. The machine is designed to produce a complete from pattern plates. It is claimed that a lad can operate the machine with the assistance of a laborer, and is able to ram and mold as many as 1000 boxes per By means of an electric wire at Do

mene, France, the power of a waterfall is transmitted three and a quarter miles there utilized to the extent of two hundred horse-power. In the winter, when the deep snow for about two months prevents any but electric communication between the generating works and the mill, the power is sent as usual, and the machinery of the paper mill is kept in

Tests of sluminium bronze have been commenced at the Watertown Arsenal, Massachusetts, under the auspices of the Government. The tensile strength was conscience amid all temptations, and a square inch, and the transverse strength slear head smid all perplexities, push \$60,000 pounds on a one inch square shown to be over 90,000 pounds to the HAY FEVER CURED TO STAY CURED

The projected new way up the Matterhorn, in Switzerland, is interesting eagi- NOT CHANGEABLE -"She refused neers. The rails will cease at the base you then?" of the "sugarloaf" and the escent is to be accomplished by a succession of eleva-tors from one point to another. It is I wouldn't give her up for all that supposed that the work of construction | will occupy about four years.

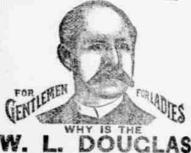


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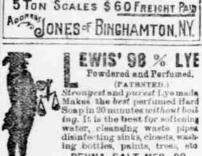
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