

Thousands of women suffer dally backache. headache, dizzy apells, languor. nervousness and a dozen other symptoms of kidney trouble, but causes. Make no mistake. Keep the kidneys well, and these aches and troubles will disappear.

Mrs. Anthony Cadrette, 77 Mechanic St., Leomiuster, Mass., says: "My sight failed, 1 had sharp pain in my back and bearing-down pains through the hips. I was nervous, fretful and miserable. The urine was greatly disordered and I began to have the swellings of dropsy. I was running down fast when I started using Doan's Kidney Pills. A wonderful change came and after using them faithfully for a short time I was well.

Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Carbonic Acid Springs

In the Auveranc region of France by the propositions used in the a targe amount of carbonic acid gas verses. "And I will pray the Father from the soil and is one of the last traces of the former volcanle activity of this region. The springs that yield the gas are found in the dissures ground which allow the water to One of the Montpensier springs has been known as the "poisoned apring." Animals which descend into the cavity to drink are soon asphyx-ated by the gas which is given off or the water

RUNNING SORES ON LIMBS.

Little Girl's Obstinate Case of Eccema-Mother Says: "Cutieura Remedies a Household Standby."

"Last year, after having my fittle girl treated by a very prominent physician for an obstinate case of externs, I resorted to the Capoura Remedies, and was so well lief afforded that we discarded the physician's prescription and relied entirely the Cutioura Soan, Cutieura Ointment and Cuticura Pills. When we commenced with the Cuticura Remedies her feet and limbs were covered with running sores. In about six weeks we had her completely well, and there has been no recurrence of the trouble. We find that the Cuttoura Remedie, are a valuable household standdoctor, and where it costs from twenty to twenty-five dollars to come up on the mountain. Mrs. Limie Vincent Thomas, rmount, Walden's Ridge, Tenn., Oct.

Music should be written on note

Mrs. Winshow's Soothing Syrup for Children

A Daily Thought.

There is a sure reward for faith-Consolation For The Artist.

The late Lord Leighton, president of the Royal Academy, once had a charge to learn something about himself that perhaps he had not suspect-His chance came to him at a picture gallery, where his painting. Helen of Troy," was on exhibition. fixed a group of ladles who to hear one of the number say:

The sorry, but it's mine!" Lord ghton exclaimed, involuntarily.

lady." No. I -- I painted it," the artist

The critical lady was momentarily abasired; then she said onsily "Oh, you mustn't mind what I

"No, indeed, you mustn't " another began earnestly. "She's only said what everybody else is saying!"— Youth's Companion.

The Age Of Graft.

'I wouldn't denounce that show so vigorously, old man,"
"I shall do my duty as I see it,"

declared the parson. "But you must use some dis-ction. People are beginning to think you get a rake-off from the management. See?" — Louisville Courier-Journal.

The Earth L. Crowded.

A Carroliton boy in the Panama Canal zone writes home that they haven't been doing much digging on place to put the dirt. - Kansas City

HARD TO SEE.

Even When the Facts About Coffee Are Plain.

is curious how people will refuse llievo what one can clearly see. oli the average man or woman and the slow but cumulative poisonour effect of caffeine-the alkalold in tea and coffee-tends to weaken the heart, upset the nervous system and indigestion, and they may 'augh at you if they don't know the

Prove it by science or by practical demonstration in the recovery of coffee drinkers from the above condillons, and a large per cent. of the human family will shrug their shoulders, take some drags and-keep on drinking coffee or tea.

"Coffee never agreed with me nor with several members of our household," writes a lady. "It enervates, depresses and creates a feeling of languor and heaviness. It was only leaving off coffee and using Postum that we discovered the cause and cure of these Ills.

"The only reason, I am sure, why Postum is not used altogether to the exclusion of ordinary coffee is, many persons do not know and do not seem willing to learn the facts and how to prepare this nutritious beverage. There's only one way-according to directions-boll it fully 15 minutes. Then it is delicious." Name given by Postum Co., Battle Creek, Mich. Read the little book, "The Road to Wellville," in pkgs, "There's a rea-

SUNDAY SERMON A Scholarly Discourse By

Rev I W Henderson.

Brooklyn, N. Y .- Preaching at the Irving Square Presbyterian Church on the theme, "The Holy Spirit," the Rev. I. W. Henderson, pastor, took as his text Jno. 14:16-17. He said in the course of his sermon: As we read this and the two suc-

ceeding chapters of this good news of the Beloved Disciple, we appre-ciate more and more, the vital, force-ful influence of the Holy Spirit upon the lives of those who love and serve God. It was at the close of the Last that Christ uttered these A few hours and the cross claimed Him. Philip had asked, "Lord, shew us the Father." Our

We are told by the commentators that the Holy Spirit, the Comforter also an advocate, a helper. Litertranslated the Greek means who is called to another's side To our side, an ever sent aid through all eternity, bly Spirit has been called by Christ rter, advocate, teacher, helper uide and eternal friend, such is the is granted to us by our Heavenly Fa

The position of the Holy Spirit with reference to us is clearly shown orsen. "And I will pray the Pather, and He shall give you another Com-orter, that He may abide with you orever, even the apirit of truth whom the world cannot receive beabideth by you and shall be in you." With you, by you, in you. With you, 'in the fellowship of His everlasting presence." By you, "In His personal presence," In you, "as an abiding personal energy." With you, by lag personal energy." With you, by you, in you, in all the eternal omnipotence, love and wisdom of the very God Himself. The Holy Spirit is the presence of Almighty God and of His Son Jesus Christ, with you, by you, in you. The pronouns, as the prepositions, are of prime import-He is God, with, by and in

The Holy Spirit who is in our hearts to-day has been the dynamic In the lives of consecrated men and women since time was. In his jourwomen since time was. ney up from bondage, it was the spir-ney up from bondage, it was the spir-God that sustained Moses. the spirit of which Isainh wrote; and thine cars shall hear a word heand thee saying. This is the way, talk ye in it." And again we read in socklet: "And I will put my spirit within you, and cause you to walk in My statutes, and ye shall keep My Samuel and of Joremiah is the Spirit of Saul of Tarsus. The same but, oh, how much more full. He brings to not merely the wealth of assoclation that crowds about the natonal life of the chosen people of God. To us, He comes as a consummation and memorial of the power,

tunn.

God and of His Son our Saviour, The Holy Spirit influences and directs every good and great movement that emanates from the hearts and souls of Christian men. God workof Henry Ward Beecher "th an over-whelming love for the Southern slave, and the inspired words of that virile Christian speed the breaking of a million shackles. The auction of the slave girl in the pulpit of Ply-mouth Church was God in His Spirit moving Henry Ward Beeche He joined a group of ladies who claims action. The Holy Spirit enters were standing before it just in time the heart of Florence Nightingale and soldiers on every ruddy field know it's a burrid picture simply her- the touch of a loving hand and the The Comforter strikes hidden, haustible springs in the souls of D. You don't mean to say you've L. Moody, of General Crittenden, of ght the thing" questioned the lady.

L. Moody, of General Crittenden, of Jerry McAulay, and myriada of outcast men and fallen women feel the sheltering, upbearing arm of Almighty God. hears the voice of God within and to

nalesty and all-embracing love

the Christ in the lives of nations lies in the work consummated by His Holy Spirit. All the great reforms, all the great movements that have bettered humanity have had their in ception in the minds of Spirit-filled men. Who can say but that the hand and the Spirit of God have been with this land, as it was with israel, in her phenomenal success. To be sure we have made our mistakes. We are a far cry from the Christ Ideal. did we nationally, revere Him more, did we but let His Holy Spirit dwell deeper and more lastingly in our naeyond our fondest expectations came to take away the sins of the orld, of nations, as of individuals, The Holy Spirit can fill a nation' heart if its people will but do God's

us are given the immortal lines of

"In Memoriam" and of "Crossing the

The most vital necessity in the life of the Christian and of the church is the Holy Spirit as He descends, confreshound and refreshing. from the throne of God. Having accepted Christ and His plan for our redemption. He is the first thing that we must gain. The spostles, men of God and with Christ as they were, could do naught in the work of the evangelization of the world and of lifting mankind to the level of the Christ life until they had received the gift of the Holy Ghost. For in the first chapter of the record of the Acts of the Apostles we read that "the Aposties being assembled to-gether" after the resurrection, our Lord "commanded them that they should not depart from Jerusalem, but wait for the promise of the Fa-ther, which, saith He, ye have heard of Me. For John truly haptized with ater, but ye shall be baptized of the Holy Ghost not many days hence.

On the day of Pentecost they were all with one accord in one place the Holy Spirit descended upon them. You know the story. You know also the glorious assertion: "And the same there were added unto them about 2000 sculs, and the Lord added to them daily those that were being saved." The Holy Spirit was neceseary to the Apostles. To us He is

We complain of the lack of sincer-ity, of vitality, in the Church. This age is heralded as an age of doubt and of disheller. The Church stands almost still. Her flags flap limply in a breeze of progress that holds straight out the ensigns of the min ons of Satan. Sin confronts us on every hand and we make but insuf-ficient headway against it. We regret that the Church does not enjoy a revival of the blessings of God upon born into the Kingdom of God a more than equal number are seized in the snares of Satan. We pray for the upliftment of the world and we

see the world slip from us. Something is wrong. God was with the early Church. God is with the missionary in the farthest East. Thousands are being brought to Christ in India. Within our midst he multitudes of the unchurched and he unsaved appall us. Glance over the records of the apostolic church. Read the story of her growth. Is there not something wrong with us? What is the matter? Let us see. It is not that we have not the money to prosecute our work. We have to prosecute our work. more than at any time since our be-ginning. It is not that we have not numbers or able leaders or that Christ has proven false. The fault lies with us. The Church of Jesus Christ is not alive to the possibilities of the indwelling of the Holy Spirit. The Church needs Christ in her

The fauit lies not with God. lies with us. We, it is, who have been content with but a portion of His grace when He would have given to We, it is, who have been content to drift and almost to drown, rather than to lay hold upon the eternal saving power of the Holy Spirit. Let the Church awake from he lethargy; let her unite under the ban-ner of the cross and follow true; let her live the life that she never wear-les to preach; let her show to the world that the Christ life 's practical life written large; let her appropriate to berself the Holy Spirit with His uplift toward Christ and the Fath and then will come a return of the miracles of the early Church, of which it is written, "and the same day were added unto them about three thousand souls.

The essential requirement of the Christian life is not to be able to decide definitely the date of the Flood, or to be able to assert the exact authorship of the books of the Pentaintelligently, to quibble over the pin noints of ecclesiastical dogmatism. He not deceived, to know the Bible word for word is not to be a Christian. Spirituality is the great qua non of the Christ life. That may be able to purify ourselves and to lift others up to the Christ we need the Holy Sairit "good measure, pressed down, shaken together, running over in our bearta." Ere we can experience the depth, the power and be world-wide inclusiveness of God's ve, we must be reborn of God's

indwelling Spirit.
Onen the doors of your heart and let the blessed sunshine of God's Hluminating Spirit glow in upon you. With you, by you, in you, let the Comforer abide. In sorrow He will sustain you. In care He will comfort you. He will strengthen you in iffe.

He will rob death of its sting.
"Let not your heart be troubled, ye believe in God, believe also in Me. In My Pather's house are many mansions. I will not leave you orphans. But I will pray the Father and He that He may abide with you forever."

A Lesson From the Butterfly. A naturalist one day was studying

cocoon, in which a butterfly struggling to be free. He heard it eating against the sides of its little prison, and his heart went out in pity

Taklag a tiny lancet he cut away the fragile walls and released the lit-tle captive. But to his amazement it was not the beautiful creature that had expected to see. It lay struggling upon the table, unable to walk, unable to fly, a helpless, unlovely obect. In place of the gorgeously col-ared wings that he had expected to se, were weak, shriveled members. What was the matter with this creature that should have been fair? The prison gates had been opened too soon, the obstacle had been removed before the struggler had developed sufficiently through struggling to be ready for its glorious flight into the sunshiny skies and when the walls seem to close about us, when we struggle and agonize to be free, when Thou dost not cut away Thine infinite wisdom, Thou dost see that we are weak and dost want us to become strong? Then at last, when the struggle is finished, like the butterfly, we may come forth, not perbaps, in glorious robes of splendid colors as it is, but in the everlasting robes of righteousness.—Christian Observer.

A Man Worth Knowing. I should like to know a man who just minded his duty and troubled himself about nothing; who did his own work and did not interfere with God's. How nobly he would work-working not for reward, but because it was the will of God! How happily he would receive his food and clothing, receiving them as the gifts of God! What peace would be his! What a sober gayety! How hearty and infectious his laughter. What a friend he would be! How sweet his sympathy! And his mind would be so clear he would understand everything. His eye being single, his whole body would be full of light. hing. He would lie in a ditch rather, do mean things .- George Macdonald.

What We Should Never Forget. Let us never forget that what we are is more important than what we

do; and that all fruit borne when not abiding in Christ must be fruit of the flesh, and not of the Spirit .- J. Hud-

Walking in faith is walking in the light of His face.

The importance of the salt product as an article of commerce may not be generally known. About nine-tenths of the amount consumed is of home production, amounting to nearly twenty-six million barrels, or about one barrel for every three persons in the country. Most of the sait is produced in Michigan and New York. It is largely used in industries of meat packing and fish curing and dairying, also for various other manufactures. The average price last year was a little over twenty-three cents a barrel, which is below that of the previous year.

NO BIRCH RODS NOW.

"The road to knowledge, nowadays," said the first old schoolmaster, "is too swift and too easy, It's a regular railroad."

"Yes," agreed the other old pedagogue, "and it's a railroad with fewer switches than are necessary."-Philadelphia Ledger.

INTERNATIONAL LESSON COM-MENTS FOR NOVEMBER 11.

Subject: Jesus in Gethsemane, Matt. xxvi., 36-50-Golden Text: Luke xxii., 42-Memory Verses, 38, 39 -Topic: The Agony of Jesus.

1. Jesus enters the garden (vs. 36, 37). 36. "Then." This was about midnight. "Cometh." After they had left the upper room where they had eaten the paschal supper. they had eaten the paschal supper. "With them." There were only eleven now; Judas was absent making arrangements for the betrayal. "Unto a place." Jesus oftentimes resorted to this quiet retreat with His disciples (John 18:2) for re freshment, retirement, quiet instrucion and perhaps prayer. mane." The name means oil press, an emblem of trial, distress, agony. "Sit ye here." He left eight of the disciples at the entrance of the gar-"Pray." Christ frequently went

"Took with Him." Farther into the garden, to a spot more retired. In this hour Jesus needed human sympathy, even while He must "iread the wine press alone." "Two sons of Zebedee." James and John. The three disciples Jesus took with Him had been witnesses of His transfiguration and glory, and were now to behold His humiliation and agony. Began to be sorrowful." penetrated with the most exquisite orrow, and overwhelmed with deep "Very heavy," bled; a stronger word than the other.

I. The bitter cup of sorrow (vs. 39). 38. "Even unto death." It was agony that would destroy His The agony belife if it continued. came so great that His sweat was great drops of blood falling down to "Tarry ye here." the ground.

ken to the three disciples.

39. "A little farther." About a stone's cast (Luke); 150 to 200 feet. There were now three divisions of he little company—the eight, tree, and Jesus alone. "On His This was the ordinary posture of the supplicant when the favor asked was great, and deep humilia-tion required. The head was put between the knees and the forehead brought to touch the earth. "My Father? In all our addresses to God we should eye Him as a father-as our Father, and it is in a special manner helpful to do so when we are in an agony. "If it be possible." The great horror of Jesus in the garden arose, not from fear of Calvary, but from fear of failure, through physical suffering to reach Calvary, and so lose all for which He left heaven "Not as I will." If it is Thy will that should die here in the garden instead of dying on the cross, as fore-told, I submit. He was entirely re-signed to His Father's will. He was entirely re-

(1). 40. "Cometh unto the disciples." He did this three times dur-ing this awful hour. He apparently desired communion with them and the sympathy and comfort which they uld give. "Asleep." Luk ey were sleeping for sorrow. could give. Luke says to Peter." Peter had just made loud professions. "With Me." He was professions. suffering for them, but only expected that they would watch with Him. "One hour." Sometimes Christ con-tinued in prayer all night, but He only asked them to watch with Him

one hour.
41. "Watch and pray." A testing time is coming and you will need to watch carefully and pray carnestly. The Christian is in danger of falling a prey to the world, the flesh and the devil. "The spirit—willing," etc. They desired to watch with Him and thus show their sympathy and love for Him, but their bodies and minds were weak

Jesus prevails in prayer (vs. 42-44). 42-44). 42. "The second time." His going the second and third times shows how great was the burden and His intense eagerness and persever-ance. 43. "Their eyes were heavy." It is a sad thing for the church to be ping while Christ is suffering and

44. "The same words." Not that Jesus merely repeated the same words each time, but these words were the substance of His prayer. This prayer is "a model (1) of earnestness, (2) directness, (3) perseverance, (4) faith, (5) submission.

V. Jesus betrayed (vs. 45-50). "Sleep on now." Jesus had gained the victory. But Jesus was on the alert and when He heard the approaching multitude and saw the lanterns and torches He aroused the sleepers. 46. "Let us be going." To meet Judas and the soldiers. Jesus s ready; without hesitancy lie turns fils face toward the terrible suffer-ings of the cross, 47. "Great multi-tude." Composed of a detachment of the Roman cohort stationed in the Castle Antonia (John 18:3, 12, "the band"), of the Jewish temple watch (Luke 22: 52, "the captains of the temple"); of others, including servants and dependents of the high priest (v. 51), and, in all probability, some fanatical chief priests and elders. "Swords." Carried by the Roman soldiers. "Staves." Or clubs, the arms of the temple watch and the crowd. John adds also, what lay in the nature of the case, that they were provided with "lanterns and orches" as well as weapons. 48. 'Kiss.'' Probably the usual saluta-

tion of the disciples to their Master.
49. "Kissed Him." A stronge 49. "Kissed Him." A stronger word than that used in the last verse. The sign was a kiss, but the performance a caressing, 50. "Friend." A term of civility though not necessarily of friendship. Christ's meekness and gentleness surpass even the stan-dard which He holds up for His disciples in Matt. 5: 39.

Chinese Gambler's Penance.

A Chinese cook named Chin Kam had been engaged by a wealthy Chinese in lio in sirect in Canton. All the money he earned had been lost in gambling. On one occasion his muster paid him some money for the provisions he supplied. The cook lost all the money at one stake. Finding that his debts were accumulating day by day, on the twenty-fourth day hi went into the kitchen and chopped off the foreflower of his left hand as a self punishment and warning in order to relinquish this evil habit of gambling in the future. He became unconscious through the pain, but was brought round again in a few minutes. - Singapore Times.

A Willing Adventurer.

A "man, thirty-two," advertises in a morning paper that he is willing to undertake any adventure, however desperata "-- London Evening Stand-

SUNDAY, NOVEMBER 11.

Forgive One Another .- Matt. 6. 12. Daily Readings.

The extent of forgiveness illustrated.—Matt. 18. 21-35. A condition of effective prayer .-

Mark 11, 24-26. A precept of brotherliness,-Eph, 4.

Practical forgiveness of an enemy .-Exod. 23, 4, 5 Judgment belongs not to us .- Rom. 12. 19-21.

The great example.-Luke 23, 34,

This is something new under the forgiveness. Who can forgive sins ts an old question. "Perhaps the gods may," said Plate to Secrates. "I do not know," answered the philosopher. Dr. Austin Phelps tells that when John Eliot, "the apostle the Indians," first preached to the Nipmucks, at Nonantum, the Christian theory of the forgiveness of injuries, a grunt of incredulous derision ran round the circle of his hearers as they sat before him on their haunches The 'moral intultions' of Nipmuck culture knew better than that." the world through all the ages has "known better than that," if we are to judge by the almost universal practice of the world. It required revelation from heaven, and a living example of forgiveness under most awful circumstances, to place the theory of the daty of forgiveness of debatable our enemicis on even a platform before the minds of men. And then it requires a revolution in human nature to make the theory a real fact in the hearts and lives of men and women. Dr. R. W. Dale says pretty hard word in this: "Many Christian men have given a new turn to an old text. In their own private 'R. V.' of the New Testament they read, 'Whosoever speaketh a word, or committieth a wrong, against God, it shall be forgiven him; but whosoever speaketh a word, or committeth a wrong, against Me, it shall not be forgiven him." The New Testament teaching is clear and positive, as our Daily Readings show, s to the duty of forgiveness of others; of holding no grudges; seeking no revenges. Christians shall not behave like pagans.

CHRISTIAN ENDEAVOR NOTES

NOVEMBER ELEVENTH.

Christ's Life; His Sorrows, and How He Bore Them .- John 11:30-38: Isa. 53:3-5.

The shortest verse in the Bible is also the longest, for it binds together heaven and earth.

Christ bore our griefs. He was not overborne by them; He carried our sorrows, He was not crushed down by

One of the most purifying of thoughts is to recall Christ's agony in Gethesemane, and to remember our intest sin, and to say, "That-for

Suggestions.

Christ's sorrows on earth are only an illustration of His serrows in heav en over our sinfulness and rebellion. Christ had one consolation in His sorrows, the knowledge that endless good would come from them

Have we the spirit of Christ? In that measure we shall grieve over Consider what most men grieve

over, as poverty, neglect, pain; and Christ wasted no grief on such matters.

As the sufferings and death of Mc-Kinley bound the nations together with cords of sympathy, so, in an infinitely greater degree, did Christ's sufferings and death.

Christ transformed his flery trials into His crown of giory, just as the interior fire of the earth He made has transformed black carbon into the flashing diamond. We do not feel pain when another

is wounded, but when we ourselves are hurt. So we do not really under stand Christ's sufferings till we become part of Hls body, the Church. The nearest hint we have of Christ's sorrows for us is a mother's agony

Questions. Am I adding to Christ's sorrows? Have I received the cleansing of

over her erring child,

Christ's atonement? Do I really love my Saviour?

PRESENCE OF MIND

The following true story is descriptive of an incident that happened in a village in Suffolk, England:

A husband had gone out for the evening and left his wife and child at home. The woman was about to retire for the night when to her amazement she perceived the foot of a man beneath the bed.

Instead of calling for assistance, as some would have done, she coolly went to the child's cot and sat and sang till the child fell asleep. Two hours then remained before her husband came in. He was surprised to find her waiting up, but when his wife handed him an envelope, saying, 'You might run and post this," the cause of her waiting was revealed.

Instead of a letter the following was written on the envelope: burglar is under our bed; run. fetch police." The husband returned in a few minutes with a policeman, and the man was arrested. The burglar, when brought up before the magistrate, remarked that he had come across a few brave women in his time, but this one must have had a nerve like fron, for she sat there for three solid hours. He had the impression that she didn't know he was there till the policeman pulled him

THE ONE THING TO DO. McFibb - "That fellow Huskie called me a liar."

Nowitt-"Yes?" McFibb-"Yes. What would you

do about it?" Newitt-"Well, if I were you I'd make it a point always to tell the truth when he's around."-Catholic Standard and Times.

Poet Farn

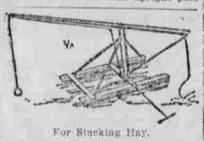
The growing leguminous crops are sure to improve the mechanical condition of the soil on your farm, and they will invariably greatly add to ify the fowl. one of the most valuable of the fertilizing elements-nitrogen.

Seed For Mowing and Pasturing. A good mixture of seed for mowing, to be followed by pasturage, according to a Pennsylvania correspondent, is six quarts of timothy, sown with wheat, followed in the spring, without plowing, with a mixture of four quarts red clover, two quarts alsike, four quarts redtop. The clovers, he says, will hold two years and the other grasses will tack their place. - American Cultivator.

How to Measure Corn in Crib. This applies to a crib of any kind. Two cubic fest of sound, dry corn on the car will make a bushel shelled. To find amount of shelled corn in crib multiply the inside measurements of the crib, length, breadth and height and divide by two. This amount will be the number of bushels in the crib. To and the number of apples or potatoes in a bin multiply length, breadth and height together and this product by eight and breast, broad back, strong thighs and point off one figure in the product for shanks of moderate length. In young decimals. To find the amount of hay birds the shanks are a dead black, in mow allow 512 cubic feet for a but they grow lighter with age, until ton and it will be nearly correct .- they become of a pink or flesh color. Paul Kautz, Rockhouse, Texas,

Hay Stacker.

The hay derrick shown here is for long. The two cross pieces are eight by ten inches, eight feet long, each set in two inches. The upright post



Is eight by eight and nine feet high. The three braces are four by four, or swung by a swing rope, as can be look, "A" shows the fork on which boom pole is awang. The hole in ing the toms in the month of Decemthe post is lined with a piece of gas ber, and keep the hens until later, pipe with solid plug in bottom. A so that they may increase in weight six-tine grapple fork can be used.

Small Barnyards Best.

parnyards are too large. The loss of fertility is far greater in a large than if in good condition when put up, a small one. This look is not so noliceable in newly settled fertile sec- three weeks' time, but cocks would tions of the country as in States east require a week or more longer. of the Mississippi River, where the hauled to the field, which it would heavy weight, but quality of flesh often pay to do. Many yards extend is also obtained .- Poultryman. to a creek or are located on a hillside, from which the loss is very heavy, unless the washings extend over a pasture or cultivated field. as small as possible consistent with of us know, hence every precaution convenience and also have it protected with a roof to a great extent. The One of the best methods of protectthe comfort of the animals will pay

Peach Yellows.

When the Connecticut Legislature enacted a law a few years ago making it compulsory upon those who owned peach trees to cut and burn all that were affected by the yellows it was opposed by many as a useless expense, and even some of the peach growers thought such action could not save the other trees in the orchards or near them, while a few denied that the disease was contagious or that diseased trees were a menace to other trees. Yet, if we may judge by the reports in the Connecticut papers the action produced as good results as its advocates hoped for. Old peach orchards were saved and the planting of new orchards encouraged, so that they now boast of d peach crop unprecedented in quantity failed to set any more, until there are

Young Stock Upon the Perches.

It is a common mistake among poultrymen to induce the young stock is slashed at intervals so it will fit to take to the perches too young. Especially does such a practice work injury among the heavier breeds, says Michigan Farmer. Leghorns and the smaller variety are much less subject to injury.

In the majority of poultry houses diameter is provided for a roost, and when young stock spend the long

may not particularly injure the capacity for producing eggs, but in a show specimen it is liable to disqual-

Many experienced poultrymen recommend a flat perch at least three inches wide, while some think four

inches wide still better. If the chicks take to the perches too young, of their own accord, the only course is to remove the perches and compel them to remain on the floor. Be careful that the floor is kept free from lice and the chicks

will usually remain there contentedly. Even though deformed pullets lay as many eggs, we who take pride in flocks of pure bloods do not wish deformity, whether we are exhibitors or not.

Facts About Turkeys. Inbreeding will quickly invite fail-

Breeding turkeys can be profitably

kept up to the fifth year. Breeders generally will not breed from the same gobbler more than one year, unless the same breeding

hens are also retained. in the selection of Bronze turkey breeders, the body should be long and deepest at the centre, with a full The hen turkey is more in demand

A medium-sized carcass sells best. Mashed potatoes mixed with cornstacking hay in the field. The skids meal, alternated with shelled corn, are ten by twelve inches, sirteen fest is the most general diet used for fattening turkeys.

in market than is the male.

When the least indisposed the turkey will hold its head down between its shoulders and refuse food. During incubation a turkey can

cover from fifteen to twenty eggs, while an ordinary hen cannot cover more than half that number. Eight hens to a cock is a good mating, and which should produce

about 200 young. Geer says the market turkey should se shorter in legs and neck than is the general case, and very full in the breast.

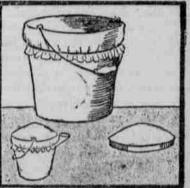
A good plan, in killing turkeys, is to tie their feet together, hand the bird on a pole, and then cut the round poles. The boom pole is thirty- throat so as to bleed freely. They two feet long, four inches at top and should be dry-picked, leaving head eight or ten at butt. The chain can and wings on. After being picked, be shortened to raise the boom or dip in hot water, and then in cold, lengthened to lower. The boom is which will give the skins a fresher Some turkey raisers prefer market-

> and command a better price. A plump young turkey, dressing

from eight to fifteen pounds, finds a From an economic standpoint most | market at almost any season of the year.

An English writer says there are once fertile land has been robbed of two points to consider before choosits organic matter. Thousands of ing the breed of turkey, viz., whether farmers lose every year in keeping the birds are to be reared with the their stock in large yards during the purpose of making a profit with them, feeding season enough fertility to or whether they are only for home equal in value a fon or more of the consumption. If the former, he semost expensive fertilizer. If the yard | lects the Bronze variety. He says is large with a high, dry place at one for profit it is purely a question of side, the stock will congregate there obtaining birds of the heaviest possiand the richest droppings are lost by ble weight when they are from six being trampled in and mixed with to nine months old. He further says the soil, unless the surface soil is all that not only does this breed produce

Protected Milk Pail. That many of the odors and much of the dirt which gets into milk is The better plan is to make the yard during the process of milking, most to overcome this should be taken. saving of fertilizer and promotion of ing the milk in the pail is to arrange a cover of tin and cheese cloth, says a large annual interest on the invest-ment.—The Epitomist. tin cover made to go over the pail loosely so as to allow for the space taken by the cloth strainer. The tin cover should be higher in the centre



Cheese Cloth Cover For Milk Pall

or quality in the history of the State. than at the sides (see small cut to It should encourage the planting of right) and a hole about four inches peach trees in other places. Eastern in diameter made in the front centre Massachusetts once produced peaches through which the milk is directed. in abundance, but this disease killed Then have plenty of cheese cloth covmany of the trees, and as farmers did ers large enough to weach five or six not know how to save them they inches over the side of the pail, where it may be secured by a tape or but few neighborhoods where even, by slipping a hoop of sheet iron of enough are grown by any one for proper size over it and pushing it family use and none for market. Yet down hard. Put on one of these the soil and the climate have not covers, then the tin cover and you are changed since the days when farmers | ready for milking. The cheese cloth had to feed peaches to their pigs af- will prevent any filth getting to the ter their families and neighbors had milk, and if these covers are washed esten all they wanted.—Boston Cul- in boiling water and sun-dried they tivator. The illustration shows the idea plainly, the cut to the lower left showing the pail complete with the strainer and the larger cut showing how the cloth around the pail without trouble.

The Future of the Balloon

The balloon may supplant both the notor and the yacht, and magistrates and police may find time hanging nothing better than a round pole heavily on their hands when, with a about one and one-half inches in catch-me-if-you-can defiance, our baltoons will sail into the lawless ether.

nights on these, before the bones Dr. Joseph Samade, the royal den-have become hardened, the result is tist to the Khedive of Egypt, studied almost surely crooked breast bones surgery in Chicago for three years.