t the Care of Fodder -- Rye for sturage--Care of Poultry-he Preservation of Butter--Training Up Domestio Animals.

Rve for Pasturage.

op of rye for late pasturage is st a necessity on all farms where raising is made a specialty. Rye rop that provides green food long pasture grass is gone, and it gs up so early in the spring that food may be had from it before appears, after the winter is over. crop that occupies the land at when it will be in the way of no crop, and requires no cultiva-r labor other than the preparaof the soil and seeding. lso keeps the weeds down, and

s the early ones out in the spring. idering its small cost for seed and and the many advantages which lds out as a pasture crop, it is hy a place on every farm. It may owed under in the spring in time rmit of a corn crop, or it may be ned for its grain and straw, and too, after the cattle have grazed it early in the spring, the straw ye being superior to that eat for many purposes, while the always commands a ready sale. ry farmer is aware of the fact ne of the critical periods with cows is when the pasturage fails, rain must be substituted, along ay and oth r dry food, for a always causes a stalling off in w of milk unless great care is exd to make the change from green o dry food as gradual as possible. a full supply of roots, or with use of ensilage, the liability is ned, but more labor is required the cows than when they are in asture; hence, if they can be kept he pasture, or allowed green food ome form, the flow will be more form, the flow will be more maintained with less labor. For purpose rye is the cheapest and

crop t hat can be grown, and serves to begin with in spring, when the change must hade back to green food, which influences the flow of milk the as when changing to dry food. her words, it serves to shorten ime when the cows must be fed asively on hay and grain, and for purpose it can not be surpassed.
he land for rye should be prepared,
he and plenty of manure will make
op pay. If it is to be plowed under orn, it will serve as an excellent n manure, if lime is applied after rye is turned under. It never fails ny kind of soil to provide green, and even on light sandy soils it thrive well where wheat or outs not be grown.

About the Care of Fodder, has been well demonstrated that

odder produced by a crop of corn ly equal in value to the grain. If ain was wasted, as in the case e management of the fodder by y, it would create surprise. It been claimed by an eminent autity that the amount of fodder ted annually, by exposure and apling, is sufficient to feed all the k in the United States during the The claim is a broad one. that an enormous loss occurs is et fully recognized.

e practice of "shocking" the corn ter, the leaves dry until brittle, and the winds literally the stems of all that is of value. shocks are blown over and rot on ground, while the cattle tramp which remains, by pulling it first he ground and picking it over. why care should be exercised in ing the fodder and securely bindt, only to allow it to waste later is a mystery, yet the same thing ens over and over.

odder is a bulky crop, and for that son it is left in the field. It is not n that consideration which it dees, so far as its nutritive value is erned. When cut at the proper, and left in the fields until an optunity is afforded for storing it un a covered shed, in a condi-which will make it very

ptable to all classes of fed moistened or steamed, with all proportion of ground grain, it keep in good condition without aid of hay. It may be stored uncover by standing the fodder on under a large roof, or may be sered, and if well cured, and not ving been exposed, it will not heat. should be used as much as possibefore the wet season sets in, to sen the bulk. If there is a power ter, it may be cut in large quanes at a time and stored in bins. matter how preserved, it is a fact t, until some other method than t of allowing it to remain exposed winter in the fields is adopted, a rge portion of the crop will be

Care of Poultry.

Many of the suggestions as to the re of poultry are unnecessarily uel. In my own experience with bultry I have secured satisfactory with less severity in handling e fowls. It is quite a common actice to lay a barrel on its side, cing the hen and chicks in it, closg the end, leaving only space for the icks to run in and out, thus keeping hen a prisoner until such time as e chicks are ready for the fattening oop. The latter is something I do not

ossess, in fact have no use for.

My hen and chicks are given a bomy coop, with slat yard, 4x3ft., hich gives the hen chance to scratch exercise and look after her family. his partial freedom secures the hen good conditin and prepared to reme laying eggs weeks earlier than

hen kept closely confined. While some advocate under feeding. give my fowls all they will eat twice day, and my egg record is the best

TOPICS. In the neighborhood. I am convinced that liberal feeding will increase the receipts and keep the fowls in good condition. One of my friends tried under feeding, with the result that the flock was slowly starving. A change of plan and more liberal feeding improved the flock care. proved the flock and gave remunera-

feed but once a day. He got no eggs, and deserved none. At this time I was getting four and one-half and five filbs. to the pair, and have perfect freedom. When one can produce chicks of that weight by allowing them to enjoy the few weeks of life allotted to them, what need of confining them in fattening coops and excluding all light by a green shade, to be partially raised at feeding time. This latter was the advice of a recent writer in an agricultural paper. In my own experience, if fowls are made comfortable and contented they will make con-and contented they will make con-stant gains, and I believe the quality for the production of artificial stone. of the chickens will be better than under close confinement .- H. Edes, in American Cultivator.

Training Up Domestic Animale.

Solomon's sound maxim, "Train up a child in the way he should go, and when he is old he will not depart from it," is just as sound, when applied to a pug mill, where the ingredients unfour-legged "children." Manyfarmers dergo a thorough mixing preparatory seem either not to know this, or to ignore it, and omit all attempts train their young animals until they tiles, etc., the latter are carefully are of an age when training is no easy

it was subjected to authority. should be taught the meaning of a It is also of uniform texture, strong, halter, and learn to submit without not susceptible to the action of fire or resistance to being led. And gradually, as it grows older, it should be and caused to resemble either light or gently inducted into all the services required of a horse, so that when finally put to use there will be no irritation or fright or reluctance, but a natural and willing obedience to the voice and hand of its master,

Occasionally—very occasionally— there may be an animal like the famous "Creuse;" having a disposi-tion so vicious that ordinary training cannot subdue him; but usually a horse carefully trained from its youth up will submit without trouble to what ever is required of it. No rough and cruel "breaking" will be required in such a case. Training has taken its

in such a case. Training has taken to place and done the job far better.

The same method should be pursued have not an order yet."

with the calf that is in time to take with the calf that is in time to take other in surprise. "Don't your house other in surprise." with the calf that is in time to take her place in the dairy. The old system, like that pursued with colts, was to kick?" Let the heifer run wild till her first calf came, and then, when the calf was removed, "break her in' to cairy work—an operation in most cases "easier said than done." Beginning with calfhood, she should be taught to have no fear of man, and to submit to handling as readily as when settled down into a staid, sober-sided old cow. There is no difficulty about this. It only calls for patience, gentlethe young animal.

mals. A man whose dumb beasts are worried and shy, and try to get out of the way when he approaches, "gives himself away" badly. He shows that he is a hard master. But if his horses whinney when they see him, if his cows practice of "shocking" the corn show no fear as he goes among them, in the fields is an old one. At if his sheep flock ground him as he the cured fodder is bright in col-but as the rains and snows come n it the color changes, becoming imperturbables wine grunt their pleasure as he leans over the sty, set him down as one who is "merciful to his beasts," a kind master and a good man. Such a man only is fit to care for and train young animals.

The Preservation of Butter.

To preserve butter in all its freshness for at least two mouths, the following methods may be followed:
Dissolve six grammes 92½ grains
Troy of tartaric acid in one litre 1 3-4 is clear, and until by this mixing and mashing the butyric acid and deteri-orated casein have disappeared. The butter is then washed several times in fresh water; it is well drained in clean cloths and then put into glass or porcelain jars. If you wish to utilize some jars, the interior may be coated with a layer of wax or stearine to prevent the air passing through the pores. By pouring the wax melted into the jars an impermeable coat is formed. Place your butter, well drained, in these glasses or jars, and cover the surface with a sheet of paper steeped in melted wax. If you wish to prolong the preservation, salt the butter when mixing.—Dairyman,

Farm notes.

No matter what oats are worth in ELY BROTHERS, 56 Warren St., New York. the market, if you grow them yourself you can afford to feed them.

Small potatoes which are unsalable should not be wasted, as they are are fully 1,000 wild norses. luxuries to the hens and pigs. It will pay to put them away for feeding to poultry alone.

Spinach is usually sown in the fall. One of the best and easiest methods is to broadcast the seed, but this must be done on land that is free from weeds. Spinach is a hardy plant and can stand quite a degree of cold.

With a good road the wagons will last much longer, and the labor of the teams lessened. The cost of transportation from the farm to the railread is a heavy item on a bad road. When the team can haul a heavy load over a good road, instead of half a load over a bad road, it is not only a saving of labor but also a great gain

Essential in the Culture

Mr. Oscar F. Bledsoe, in "American Bes Journal" in relation to success in bee culture says: A great many, on a superficial view, are fascinated with the bee keeping as a pursuit, with the impression that the labor is light, the pleasure connected with it unalloyed, the remuneration tive results for the increased cost. | with it unalloyed, the remuneration Another neighbor was advised to great in proportion to labor, etc., and raking up what spare cash is on hand, rush into it with all the zeal of a novice. He advises all such to 'make dozen eggs, from a flock of ninety haste slowly." and adds: "If you fowls, many of them three years old. have a decided case of bee fever and My chicks at twelve weeks old weigh cannot rid yourself of it. I would say. cannot rid yourself of it, I would say. pitch in, but don't go faster than your knowledge. Bee keeping requires deep study and thought nice mechanical skill, great industry and careful attention to details, indomitable perseverance, and at times a high degree of faith-that faith which is the substance of things hoped for, the evidence of things not seen."

Artificial Stone.

Blocks of granite which have been subjected to a sufficient degree of heat to disintegrate, the particles are pulverized to a certain fineness, and are then, with the addition of a certain material. transformed into a mortar. This material is then passed through to being moulded. After being moulded to into the various forms desired-bricks, dried, then placed in a kiln and heated task. This is a great mistake.

The education of a co!t should begin the particles are fused together, the so early that it will never know when result being a stone of much more It durability, it is claimed, than marole. and caused to resemble either light or dark granite, or other colors if deired.

ot Much Sale. Some time ago a number of traveling men were sitting in a "caboose"

patiently waiting for it to pull out of the yards, and exchanging comments on the condition of trade. ··Well," said one drummer. "I find

it's pretty dull. I've been out a whole week and got five orders."

"Five orders!" Great Casar! What do you want, the earth?" exclaimed a

"Kick? No!" "Why, what the dickens can you be seiling?"

"Suspension bridges," responded the quiet man, sententiously. - Chicago

ALBERT BURCH. West Toledo, Ohio, says "Hall's Catarrh Cure saved my life." Writhim for particulars. Sold by Druggists, 75c.

THE shipments of live cattle and ness and good sense in dealing with dressed beef for the week ending August 6, comprised 4,849 cattle, 192 And so with sheep, poultry and other farm stock. We like to see a man and 7,514 quarters from Boston, 518 on good terms with all his farm anicattle and 1,500 quarters from Philadelphia, 748 cattle from Baltimore. 518 cattle and 1,500 quarters of beef from Philadelphia, 3,415 live cattle and 485 live sheep from Montreal, and 153 live cattle from Newport News. Of these exports 2,968 cattle were shipped to London, 4,974 cattle and 19.970 quarters of beef to Liverpool, 2, 252 cattle to Glasgow, 556 cattle and 1,400 quarters of beef to Bristol.

> Every young man should have a practical business education. Many of our boys appreciate this and are taking a course at Elliott's Business College, Burlington, Ia.

Brother Lastly Knew.

"Brother Lastly," said the spokesman, "I have an unpleasant duty to perform. There is a report to the effect that you have said one of the best and most worthy members of our pints of water, and six grammes of congregation is unable to attend serbicarbonate of soda. This water will thus have the property of dissolving good enough clothes. We have come thoroughly the butyric acid and the to ask the name of any such person. congregation is unable to attend serspoiled casein which gives rancid but- and a report of that kind is likely to ter its abominable taste. Select very reflect upon us as a congregation that reflect upon us as a congregation that fresh butter of good flavor and beat does not look after its poor but worthy it up with this water until the water members. Will you tell us who it "Certainly, brethren," replied the Rev. Mr. Lastly. with a brave at-tempt to be cheerful. "It's my wife." -Chicago Tribune.

Why continue the use of remedies that only relieve, when Ely's Cream Balm, pleasant of application and a sure cure for Catarrh and Cold in head, can be had.

I had a severe attack of catarrh and became so deaf I could not hear common conversation. I suffered terribly from roaring in my head. I procured a bottle of Ely's Cream Balm, and in three weeks could hear as well as ever, and now I can say to all who are afflicted with the worst of discases, catarrh, take Ely's Cream Balm and be cured. It is worth \$1,000 to any man, woman or child suffering from catarrh.—A. E. Newman, Grayling, Mich.

Apply Balm into each nostril. It is Quickly Absorbed. Gives Relief at once. Price is: cents at Druggists or by mail.

A dairy is often only a milk-and-water

In Southwestern I ritish Columbia there A bad day does not always begin with a

A deubter is always a dodger and a binder

"Mothers" FRIEND"

MAKES CHILD BIRTH EASY,

Colvin, La., Dec. 2, 1886.—My wife used MOTHER'S FRIEND before her third confinement, and says she would not be DOCK MILT.S.

nt by express on receipt of price, \$1,50 per bot-Book "To Mothers" mailed free. BRADFIELD REGULATOR CO.

The hopes of cure held out in the advertisements of numberless remedies are mere phan-toms, without the slightest shadow of reality about them. On the other hand, no statement about them. On the other hand, no statement has ever been made in behalf of Hostetter's Stomach Blitters that is not susceptible of ample substantiation. Care has ever been taken in laying its claims before the public to circumscribe those claims with the bounds of truth. Allegations outside of these form no blot on the record of this sterling, time-honored remedy, proven by the most respectable evidence to be a remedy for and preventive of malarial disease, rheumatism, kidney trouble, chronic indigestion and biliousness. It is an matarial disease. Theumatism, Ridney trouble, chronic indigestion and biliousness. It is an ineffably fine tonic, promotes convalescence and mitigates the infirmities of age. Taken before retiring at night it is a promoter of allow.

A Kiesing Campaign

In a recent campaign in Alabama, political kissing was devoted to a high art. One candidate, after making a speech at the Blue Creek mines one evening, led in the dance and kissed the boss miner's wife once. His opponent, hearing of this, went to the same place, also made a speech and led the dance afterward and kissed the boss miner's wife twice. It is said that the boss miner himself got very tired of the proceedings.

Thought the Other Way. Amateur Soprano- "It's just too mean for anything! That dog of yours howls every time I sing." Neighbor

- 'I'm very sorry, mum." 'Why
don't you stop him?" 'You see, mum. we didn't know it was that way." "What way?" "We thought, mum, that you was trying to spite us by singing every time he howled."-New York Weekly.

"Hanson's Magic Corn Salve."
Warranted to cure, or money refunded. Ask
our aruggist for it. Price 15 cents.

It doesn't take any ability at all to be

Mrs. Winslow's Southing Syrup, for Children teething, softens the gums, reduces inflamm tion, allays pain, cures wind colic. 25c. a bottle. Trouble always runs to meet the man who

Coughing Lends to Consumption.

Kemp's Balsam will stop the cough at once. Go to your druggist today and get a sample bottle free. Large bottles 50 cts and \$1.00.

Peo: le who carry sunshine with them are

"Life is a battle field on which we fight for fame,". To preserve health in this fight use Beecham's Pills, 25 cents a box.

It doesn't commonly mangle a thought to Dr. Judd's Electric Belts are sold on six months trial. Judd Electric Co., Omaha.

A doubt is the heaviest thing you can pick up and try to carry. The greatest depth of the Atlantic ocean is 27,366 feet.

Excursion Rates South

The Chicago & Eastern Illinois R. R. will sell excursion tickets Sept. 27 and Oct. 25, 1892, at the low rate of one fare for the round trip to numerous points to the Southeast, South and Southwest. For full particulars, maps, time tables, or any other information, apply to the agents C. & E. I. R. R., or to Charles L. Stone, general passenger and ticket agent, 415, First National bank building, Chicago.

Among the nobility of England 21 percent, have no children.

The dervishes are paid but \$15 a month. This is a howling shame.



RHEUMATISM, EURALGIA SCIATICA Sprains, Bruises, Burns, Scalds. THE CHARLES A. VOGELER CO., Baltimore, Md.

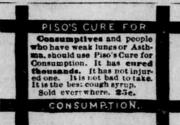


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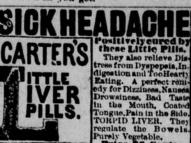
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Then, after they're taken, instead of disturbing and shocking the system, they act in a mild, easy, and natural way. There's no chance for any reaction afterward. Their help lasts. Constipation, Indigestion, Bilious Attacks, Sick or Bilious Headaches, and all derangements of the liver, stomach, and bowels are promptly relieved and permanently cured.

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And they're the cheapest pills you can buy, for they're quaranteed to give satisfaction, or your money is returned. You pay only for the good you get.



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?, Ask Some Questions ? about Pearline, of any woman who uses it. Ask her what she thinks of it, and whether it's quite safe to use, and if washing and cleaning is any easier with it.

Ask her how the clothes look and last, when they're not rubbed over the washboard. Ask her how it would seem to go back to that eternal rub, rub, rub, now that

she has got rid of it.

If she has used Pearline faithfully, and just as directed on every package, she'll probably have one question to ask you: "How in the world do you manage to get along without it."

Send Peddlers and some unscrupulous grocers will tell you "this is as good as" or "the same as Pearline." IT'S FALSE—Pearline is never peddled, it Back and if your grocer sends you something in place of Pearline, be honest—send it back.

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