cans when putting the strips in posi-

An improvement over this method

from Popular Mechanics, which is

the lower sketch shows how the de-

the grain in bins can be made in the

Most Profitable Farm Animal.

raise. Many believe the horse brings

the greatest profit, others tie their

faith to the beef breeds, and still oth-

ers to the dairy breeds of cattle, but

it seems that the friends of the hog

are in the majority. A hog requires

more care at times than do some

other animals, but it is wonderfully

prolific, and if the quality and breed-

ing are right it is easy to make a

market for the animals produced, and

the farmer has the advantage of turn-

ing his money over more rapidly and

more profitably in hog breeding than

in perhaps any other kind of animal

production. Of course, there are

many risks to assume, as the modern

hog is a purely artificial product and

subject to humors and diseases which

would not come to it in its wild state.

The investment of a moderate sum of

money in a few brood sows in the

spring will make a man a hog breeder

within a year; whether bred as a spe-

cialty or as a side line, the hog always

gives a good account of himself .-

Animals Need Juley Feed.

The digestive organs of animals that

ture, but for a large part of the year

crops and corn silage. Corn yields

require much more lasor, silage is by

for the most economical for those

Salt Box.

The salt box is made out of two-inch

stuff so it will withstand the pranks

of horses and other stock crowding

about the salt place. An ordinary

bunk is made about three feet wide

by four long and the salt receptacle

made so as to fit inside the bunk end-

wise, but much narrower on the sides.

The sides come down to within an

inch of the bottom so that stock can

Correcting Acidity in Soils.

licates a need of phosphates.

fix the nitrogen from the air.

icam soils, the organic matter of which

a condition for the growth of clover

as possible, and the neutralizing of any

acidity is one of the most important

Legume Growth Good Omen.

The man who is looking for a new

location agriculturally can hardly go

astray if he picks out a piece of land

in a section where either clover or al-

lick the salt.

factors.

where corn can not be grown.

paratively fujey and bulky

Kansas Farmer.

Opinion is divided and probably ai-

same manner.

Keeping the Cow.

To Hold Milk Cans in a Cooling Box The cost of keeping a cow varies | The usual practice of small dairyconsiderably according to the cost of men to keep their milk cool is to put producing the roughage from hay, the milk cans under running water in grain and corn feeds, but figures from a box. The cans are usually kept be dairy associations place the average neath the water by slipping strips of cost at \$30 or \$35 a year. To pay a board, of proper length, over the tops profit, it follows that the cow must of the cans and under ledges at the produce more than \$30 or \$35 a year. side of the box. In using this method It pays to keep an accurate account one runs the risk of upsetting the with all the cows. There are many that do not near pay up. Apply the tion. test of scales and Babcock tester then and get rid of those that do not come is shown in the accompanying sketch mp to the mark.

In buying new cows, procure those self-explanatory. The apparatus is That freshen in the fall. You will have the butterfat at the time when prices rule higher and the cow will continue in good flow all through the spring if you treat her well through the winter. Increase the feeding as the pastures decrease. Extra care and feed in the fall will keep the milk flow up and allow of good sales as the prices increase.

After years of observation the Cornell University reaches these conclu sions: (1) With a fairly good herd carefully fed and kept, milk can be produced for 65 cents a cwt., and fat for 16 cents a pound, for the cost of food consumed. Large animals consume less pounds of dry material per 1,000 lb. live weight each day than the smaller animals do. The best yields of fat are obtained from cows that give a fairly large flow of milk. Pasture grass is the cheapest milk and fat producing food. (From this it seems that those who neglect their pastures or make little effort to start new ones, are in a losing game.) The cow consuming the most food produce both fat and milk at lowest rate. A good cow must be a hearty eater. Individuals of the same breed vary more widely in milk and butter production than do the breeds themselves.-The Ohio Farmer.

To Straighten Young Trees. This device can be easily attached sto a tree which is inclined to grow crooked. Make a framework of narrow boards sharpened at the end where the frame pieces come together and attach the frame to the tree with

This should be attached at just the



right point to correct the crookedness in the tree. The tree should be protected from the wire by a cloth. The constant bearing down of the weights will in a very short time bring the tree to its proper position without in-

Pigs Need Phosphate.

The relation of phosphate to the animal economy was finely worked out by the Wisconsin Experiment station Three pens of pigs of three each were kept for several months. To one was fed the ordinary fattening ration; to another a little phosphate was added to their food; with the third all the phosphate was extracted from their feed. The effect was astonishing. The pigs to which was given an increased portion, though small, of phosphate were wonderfully thrifty and vigorous, while those that ate the ration from which the phosphate had been extract ed were dumpish, and not able to stand on their feet for a minute's time. Their growth and weight was also greatly retarded. Our soil, animals and crops need this important agent constantly.-Hoard's Dairyman.

Bacteria in Milk. Undesirable bacteria in milk come from uncleanly condition about the cow, and from contact with contagious diseases. The chief source of contamination are dirty cows, dirty stables. dirty milkers, dairy utensils which have cracks for the lodgment of dirt and which are not properly sterilized, mudholes in the barnyard, impure wa ter, bedding and feed, and from milkeis and attendants who come in contact with a contaglous disease.

Straining the Auto Motor.

Very many amateur motorists de light in always taking a hill on the high speed, not realizing that this often strains a motor or requires the car to go too fast upgrade over rough places that could be taken with less the district is under ditch or has its places that could be taken with less moisture supplied in the shape of snow than I heard him running as fast as strain and slower on the intermediate moisture supplied in the shape of snow the could. And then all was still and

AN EVENING PRAYER.

To-night I lay the burden by, As one who rests beside the road, And from his weary back unbinds The whelming load.

I kneel by hidden pools of prayer-Still waters fraught with healing

power; In God's green pastures I abide

This longed-for hour.

know that day must bid me face Courageously my task again, Serving with steady hand and heart, My fellow-men.

To hold my sorrow in the dark, To fight my fear, to hide my pain, And never for one hour to dream The toil is vain-

This be to-morrow; now, to-night, Great, pitying Father, I would be Forgiven, uplifted, loved, renewed, -Grace Duffield Goodwin.

When the General 5. Was Afraid

Laughter and protests were heard from their retired excellencies, who were sitting round a table in Wiesbaden. But the white-headed little general, who had been speaking, remained grave and said: "Yes * it is true; in 1870 1 was afraid *

"Of whom?"

"To this day I know not! . . ." And seeing their interested faces he made of strips of board, 1 inch thick,

"If you like I will tell you about it. vice is put into the milk box, B is a It was in the winter, and near Orhinge, and A a button to lock the leans. The exact name of the little tongue C in place when the device is place in which we dragoons were quarstraightened out. Boards for holding tered has escaped my memory. Ba-

varians had been in the village before us. In the night skirmishes which had preceded the taking of the village o troop of Franctireurs who wers cut off from the main army had been esvays will be on the question which is tablished there. Our men desired to the most profitable farm animal to avoid unnecessary blocdshed through a direct attack, so they fired the back of the building, and finally the Franctireurs withdrew. Ultimately all became quiet, only the flames still crackled-and the greater part of the little castle was burnt down on that

cold winter's night. Only the front of the mansion remained standing. The place awakened gloomy memories. Blood was everywhere-tufts of hair on the walls. doors forced open in hand-to-hand fights It had all come to pass as they themselves had chosen-they had resisted us by force of arms-therefore · · but, at any rate, the desolate house with broken window panes was standing empty when we arrived.

In the stillness of the night-so many people asserted - mysterious sounds had been heard * * * numerous voices, hushed laughter, steps, banging of doors, will-o'-the-wisp lights in the windows. And just this mystery excited a young lieutenant of the Bavarian Light cavalry. He declared that for once he would spend a night in the haunted house; and toward evening he moved over there with a chew their cud are so formed as to mattress and a revolver. But the t gone to be food. The cow can not thrive on dry at about 10 o'clock-he reappeared in food as well as the horse. The ideal their midst and quietly sat down food for the dairy cow is good pas- among them Why he had not remained over there could not be discovered. green pasture is not available. The He submitted calmly to being chaffed, on it a little pad of wadding. It was best substitutes to furnish this succu- but kept a scrupulous secrecy, and ullent feed during this period are root timately rode away with his regiment.

And we, their successors, were alabout twice as much dry matter per ready full of the legends about the same spot. And if that were so, then acre as do root crops. As root crops castle The troops were telling the apparently that strange officer in the most foolish stories, and this annoyed our adjutant He wished to prove that they were false. On the third morning after our arrival, he said to

us quite coolly: "We'l, boys, . . . I passed the whole of last night over there!" A shall know! couple of witnesses testified to it. Everyone asked:

"Well--and * * * *?"

"I slept and dreamt of my mother . * Nothing else at all He laughed and was in good spirits. although he looked rather pale. Toward evening he rode to the brigade

quarters-three villages off-to receive

orders. He has never again been seen. Some time afterward we were siting together one evening in thoughtful mood and talking about our missing comrade, and how, just the night before his death, he had beer in that house of which the dark window frames were distinctly yawning across the snow in the moonshine. Now it so happened that I had taken a good deal | ment the one at the window put himof wine that evening, for I had not been well during the last few days. But now the wine inclined me to be which I lay. I sprang up and rushed Acidity in soils, while not directly as venturesome as I usually was when injurious itself to most crops, is not a a young Heutenant of 26, and I called

condition of fertility and usually in- cut-"I shall establish my headquarters Especially is it detrimental to the over there for to-night. growth of clovers, in that it does not "You will not go there." So spake favor the development of bacteria- one of my best friends beside me; and

forming nodules on their roots, which I replied: What will you bet?"

"My white Arab. She is anyway too has been to a considerable extent ex- light for my weight! Early to-morrow hausted, should be kept in as favorable she will be yours!"

"Done!" So at about 10 o'clock I strolled across the crunching snow to the silent house, my servant with me. He carried the bedding, which he laid down by the fireplace in the great hall He had already lit a fire, and, pushing forward a few more logs of wood for replenishing it, he faced falfa will grow, and this holds whether and was scarcely outside the door

I was alone.

1 gradually fell asleep-at least, it was a restless half sleep, in which reality was ever taking part-now with a few strokes from the tower of the little church, now with a few voices of dragoons in the street; then the watchguard sounded the hour, and in between came confused dreams about home; perhaps peace would soon be declared-and now it was all silent—so deadly silent. * * *

And cold, too. I was shivering under the thick woolen covering which had put over me, and I drowsily ooked at the fireplace near me. raised myself upon my elbow and with the other hand pushed a few logs on to the fire. Then I lay down again. was now quite awake, and looked about the room so brightly lit up by the moon. And with amazement I observed that someone was standing by the window-a young officer.

It was quite simple; while I had been asleep a comrade had come to see how I was getting on, and above all if I really were in the house. Naturally-for no one likes losing a bet, and such a mare in addition!

So I said quite pleasantly and in a low tone from under the covering: "Well-which of you is it?" and in the silence exactly like an echo resounded from the empty walls of the great hall, "which of you is it?"-but no answer came. I repeated the question louder a second time and angrily and impatiently a third time * * * but the only sound I heard was my own voice * * strange in the still night. The form at the window

And suddenly it became clear to me, that is our adjutant? Then I thought again: if it is the adjutantwell, he is my comrade, my good friend. The adjutant had been a dark man of medium size. The lieutenant here, however, had fair hair. That struck me, for it did not correspond. It must then be another man. But who else would be wearing the uniform of my regiment?

took no notice.

When was it then? Two days ago? -no, three days ago. I had been shaving myself that morning and had cut myself-at the back of my cheek-



"I WILL TELL "OU ABOUT IT."

under the right ear. The military surgeon who happened to be there, put still adhering. I could feel it with my hand. But over there at the window he, too, had it on exactly the moonshine was me-and I must be duplicated in this room. Everything was in accord-height, size-every thing about the shadowy phantom over there-and in my foolishness I thought when he turns round to me, then I

And a morbid curiosity seized me. He must turn round-you must see yourself once again!-and immediately he did it, and I noticed whatever I, at the fireside, was thinking, that one over at the window 'mmediately did. My will acted both here and there through it we were united-and we looked at each other-and now I fully recognized myself * * * and tremblingly thought: If only that

other one does not begin to laugh! And already he was laughing so that I could see his white teeth under the mustache. Thank God-we are ten paces apart! * * * I must not let him come nearer-he must not come any nearer! And in this same moself in motion and came with quick long strides toward the mattress on like a terrified hare out of the room to the open hall door, and behind me were hasty, buoyant steps and soft clanging of spurs, and I ran faster and ever faster, and lost my footing on the slippery outside steps and fell

headlong into the snow. That cooled me, and gradually my senses returned I lay there in clear cool air and saw over me the starsnothing else. Slowly I rose up and strode away through the snow-any thing to get away from that houseand I kept nervously turning round to look back. I did not wish to return to my quarters. My comrades would have noticed me and laughed at me. But nearby was the stable where my horses and those of the other lieutenants were kept. There, with a constant cold shiver down my back, although it was warm among the horses

waited for the dawn. Dawn was already breaking. From the distance I heard a hollow soundonce, twice . . . then at regular back.

intervals * * cannon shots * I was convinced that I should not live through the next day. To die so roung-to leave this beautiful world heard clanging outside. The trumpeters were riding through the snowy streets sounding the alarm. In the hurry of mounting no one observed my appearance. Only my friend called

"Well-I congratulate you * * * the Arab is yours!" And I waved my

hand energetically.

"Keep it! • • Keep it! • and without noticing his air of amazement I trotted to my squadron as cover. On that day we got into the thick of the fire. I was not hit . and I asked myself again, when will it finally come. . . But toward midday the firing ceased-the skirmish was over. * *

We had dismounted and I was crouching down by a milestone holding my head in my hands, staring be fore me, when the surgeon riding by called out to me;

"I say-why do you look like that?" I answered quite mechanically, "I am doomed to die! . . "

"H'm * * Since when have you been feeling so ill, Herr Lieutenant? "For about a week and last night " I broke off. He was not listening-but quickly unfastened my coat. My whole chest was covered with red spots. I had not seen the horizon throughout the h this-and he said:

"Now we know what it is! What do you mean by running about the May to the 22d of July and world with fully developed typhus on North Cape from the 12th of you? Why the devil didn't you give the 29th of July. There are notice that you were ill?"

I was silent. . . . The doctor January and November when the called his hospital assistants, who is not seen, but the darkness packed me up and carried me off.

It was a severe attack-and brought me to the very brink of the the snow and the glimmer grave, but, nevertheless-when I look northern lights make a sort of back-I prefer this end to a terror netual twilight. than a terror without an end. . . . -Country Life.

COFFINS THAT ARE RENTED.

Temporary Resting Places of the Poor in Mexican Cemeterles.

The average Mexican cemetery is a grewsome spot. The one at Matamo- one?" ras is no exception to the rule, says a letter from that city. The bones of the dead are treated with little respect by the municipalities or men in control of the different burial grounds. The poorer the person is in worldly goods, the more ignoble will be the treatment accorded his bones when he has passed the way of all flesh. Of course the people of wealth or even moderate means are able to have their wear and you look as if yo bodies cared for in a more or less plenty to eat." luxurious manner after death. It is the lower class whose crumbling re- with mamma and part of the mains are shifted about from place to papa has me, and the rest of the place, and finally fall into dust, and I'm in the custody of the w are scattered to the four winds.

The bones of the dead are usually piled in big heaps in the cemeteries of the larger towns. The bodies are given room in regular graves at annual rentals. When the rent lapses noticed, St. James' Budget the body is moved from its resting many men dressed as sailors w place to give room for some other bodies. The bones of these dispossessed tenants are cast into the refuse pile, where they remain until carted suppose, what you call your away and scattered over the land as tars?" if they were so much garbage. It is rare that a body of the poorer class Epsom salts." is kept in a grave more than two

years. Until recently the bone pile in the emetery at Matamoras was large. It was carted away to give room for a fresh accumulation of non-paying tenants of the graves. In one corner of the cemetery are several cheap caskets which are used from time to time for temporary resting places of those who can afford to pay the stipulated rental. In some of the cemeteries of Mexico are interesting catacombs that have

been in use for two or three centuries Guanajuato is widely noted for its catacombs. A large underground ims and customs of British chamber in the cemetery in that city and Danish origin, which, by is filled with solemn rows of standing and approval, have become skeletons. Some of these bodies are mummified and are of lifelike appearance. This chamber of horrors was formerly a favorite visiting place for curious-minded American tourists. The grinning skeletons occupied a variety of poses, the keeper of the ceme tery deriving no little amusement in the romantic episode, "she sp exercising his ingenuity in making the his arms." silent occupants of the cavern as terrifying as possible to the visitors. When Guanajuato became the scene of great mining activity a few years ago, ing her I can't help thinking caused by the advent of many Ameri- must have jarred him quite a cans, the newcomers made protest to Chicago Post. the government authorities of the horrifying spectacle in the underground chamber. In response to this protest the authorities issued an order that these skeletons must be clothed so as to hide their shimmering bones from the eyes of the visitors to the place The effect of this order is to make the occupants of the chamber more a dozen more votes than we grotesque and terrifying than when their nakedness was exposed. Each grinning skeleton now wears a full suit of clothes, which hang limply upon the bones. Some wear hats that are tilted at rakish angles.

The big pile of bones that formerly occupied one of the Guanajuato chamber of horrors has been removed and an effort is now being made to keep the place in fit condition for the reception of American and other visitors.

Still in the Ring. "Billinger used to be one of the biggest fish liars I ever met."

"Has he quit?" "He quit lying about fish some time ago. But he's more than making up for it by the lies he tells about the smartness of that 4-year-old kid of his."-Cleveland Plain Dealer.

Lot's wife may have looked backand then again she may have talked

Our New Hair Vigo

Ayer's Hair Vigor was go the best that was made. Ayer's Hair Vigor, new proved formula, is better, is the one great specific forf ing hair. A new preparation every way. New bottle. N contents. Ask your druggis show it to you, "the new kind

Does not change the color of the h with say uers Ask him she than do as he

As we now make our new Hair Vi does not have the slightest effect the color of the hair. You may freely and for any length of time out fear of changing the color. falling hair. Cures dandruff. -Made by the J. C. Ayer Co., Lowell,

The Midnight Sun. The midnight sun is not south of the polar circle. It is four hours at Bodo from June July 7, at Tromso from the H sponding periods during Dec winter is by no means so gre might be imagined. The whiten

Wise Man.

"You made a great hit with birthday presents you gave aunts."

"Yes, I think I sized up their pretty accurately." "What did you give the be

"A silver-mounted mirror," "That was a good hunch, and did you give the ugly one?" "A silver-mounted mirror."-

ton Post. The Modern Child, "Where do you live, my little "I ain't got no regular home "Haven't any home? Why, You have good clo strange.

"Yes, but part of the time

Chicago Record-Herald. Thackeray's Correction A distinguished foreigner Epsom Downs in Thackeray's o not, to native and experience the real article.

"Ah," said the visitor, "these

"Oh, no," replied Thackeray.

His Qualification. "I'd like to get a job on a

"Had any experience as a ist?

'None.' "Then what could you do on I

paper? "Seems to me that I could excellent advice of some kind." "ille Courier-Journal.

Common Law.

The common law of Engla ancient collection of unwri in English juris mental Many of the principles of the common law hold in this cou throughout the English-speaking as well.

A Heavyweight. "And then," she said, in tel

"She did?"

"Of course. Do you doubt "Oh, no," he replied, "but I

Overdid It. Trusty Henchman-Here

statement, Senator, of your campaign expenses. Senator Lotsmun (looking it It's more than that, I see. It's ment of my entire expenses. negotiated, you will remer necessary.-Chicago Tribune

Perplexing Case. Professor (after calling and waiting for him to rec to me, Blank, you ought to answer my question, with prompting you're getting back

Blank-Well, professor, the a difference of opinion at that - The Gargovie.

Slight Coolness Between The Mrs. Jenner Lee Ondegoknow, I have never seen without his beard. Some day ng to ask him to shave it off.

see what he really looks like Mrs. Seldom-Holme-O, no. that! You'll be sorry. I knew fore he ever had any beard

So It Seemed. Rankin-There's one thin hasn't gone up in price, anywal still (puff) buy a 5-cent cips

Fyle-I see you can. Pheri

Smith Wan

we Spring Chickens, 1 FRANK L. SMITH I Tighting the Beef PORTLAND, OR

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