USEFUL AND SUGGESTIVE.

Colts' hoo's should be pared occa-

sionally, or injury will result. -Raw potatoes scraped and applied to burns are very soothing and healing. Common starch made into a paste with cold water and applied is also good. This is an excellent remedy for chating in infants.

-Grain for eggs and soft foods for flesh is the conclusion in respect to profitable poultry keeping reached by Mr. L. Wright, the well-known English authority. "Every country." he says in the London Live Stock Journal, "which gives great attention to poul-try for table adopts soft food."

-A grapevine that is overloaded with fruit should be thinned -a portion of the bunches removed, half of them, perhaps, or even more. This forces the growth of the remainder and increases the size of the fruit and the bunch All badly formed and small bunches should be clipped off, and but one bunch left on a bearing shoot.

-- Save the seeds of such things as sweet corn, squash, tomatoes, cucumbers, lettuce, onions, beets, parsnips, cabbage; you can by careful selection obtain better seed than you can buy, This is said with due regard to the seeddealers and seed-raisers, and to whom gardeners are indebted largely for new and ottentimes choice varieties of veg-

-Pepper Sauce. - Take twenty-five peppers, without the seeds, cut them pretty fine, then take more than double the quantity of cabbage, cut like slaw, one root of horseradish, grated, a handful of salt, rather more than a tablespoonful of mustard-seed, a tablespoonful of cloves, the same of allspice, ground; simmer a sufficient quantity of vinegar to cover it, and pour over it, mixing it well through.

-Pumpkin Pie. - Pare some pumpkin or "squash," stew it with very little water, drain it, mash it smoothly. To one pint of mashed pumpkin add two cups of sugar, four beaten eggs, a little sait, the grated peel of one lemon, a little essence of rose, one small tablespoonful of butter, one teaspoonful of then add one quart of hot milk. Bake it in deep soup plates lined with paste, without any upper crust. Serve hot or

-Much injury has been done to fruit culture by the expressed dread some cultivators have of "too rank growth," and a consequent advice not to manure. A fruit tree never suffers from too much tree seems to suffer after a heavy manuring it is only that it was in a bad way before this. Of course if one were to empty a cesspool, a cart load of fresh lime or some other inordinate mass of food under a tree it would suffer; but tions. our mean ng is that no amount of manure that would be found of benefit to any regular garden will be otherwise than beneacial to a fruit tree if the roots be healthy.

It has often been thought that the fodder without the great waste attending the handling of dry, and brittle fodder would be avoided. It is now asserted that this can be accomplished by making a slat platform of three 4x4 inch scantlings sixteen feet in length. The running gear of a two-horse wagon pair of wheels at each end by means of chains. The corn can then be either across the frame, or cut in the usual load, the saving of fodder would alone pay the outlay while the item of husking in the mud would be entirely left rye, or some crop for green manure, or soiling and still another gain be made. to make the change.'

Water and Food for Horses.

Horses and eattle normally require, in round numbers, four pounds of in the tood, while sheep require but two pounds, or half as much. This estimate, the result of many careful experiments, includes the water contained in the food, as well as that in the drink. The amo nt of water needed by pigs has not been accurately determined.

With horses we find a different digestconditions which were suitable for ruminants, to a very important extent. relatively small. It contains, when fully distended, but fifteen or sixteen for the performance of its functions. Usually, when digesting the food. the horse's stomach does not contain more than ten quarts, and as more food is eaten some testines to make room for it. In eatof these as a stomachful of hay. Conquires a much longer time than with sheltering walls of some madhouse. hav. If, then, we feed oats or corn, and immediately after hav, we may be very certain that the grain will be forced from the stomach before it is perfectly digested; but, if we feed the time. -r xchange.

Steam Power for Farm Use.

There has been a wonderful advance in the application of improved machinery of all kinds to the various operations of the farm. Those persons whose experience reaches back twenty-five years fully realize how much steam has the work of the farm. The steam engine is rapidly becoming one of the found much more convenient and economical than horse-power. 'The uses to which the farm engine can be put are increasing rapidly, and this is one There are obvious reasons why steam has made less progress upon our farms than in England and other countries of the old world, where population is more dense, and a more intensive agriculture is necessarily practiced; but the team of horses will be in a great measure replaced by a steam engine.

The progress that has been made in the perfection of the farm engine within the last five years is something wonderful. The great trouble which the threshing men first experienced in the application of steam as the motive power in threshing grain was the difficulty of moving the engine from place to place, especially in a hilly country, and on soft or uneven roads. This difficulty was soon overcome by the production of engines which applied their own steam for their own propul-

Traction farm engines are now made with a perfection of action little dreamed of ten years ago. They no longer require a large team to draw them, but move over ordinary roads with safety and ease. Though not required for draft, a team of horses is usually attached to most modern farm engines to prevent their frightening teams upon the road-a strong objection to a horseless moving engine- and the team also does away with all steering apparatus, which was somewhat complicated. The thresher can be hitched behind, so that one team with the engine does all the propelling work. mixed cinnamon and ginger; mix well. Threshing is only one of the many operations that can be performed by the farm engine. It may be used for running a circular or other saw, for cutting firewood or lumber, turning a farm feedmill, cutting fodder, pumping water, shelling corn and many other operations. If the farm is a large one, it is good economy to have a small engine. situated in a small building some twenmanure if the roots are healthy. If a ty rods from the barn, and connected with it by a wire rope running over grooved wheels. This avoids any danger that might arise by having the engine close by the barn, and it is a ready source of power for many farm opera-

There is one reason why the farm engine is not more rapidly introduced namely, the lack of knowledge of the workings of a steam engine, and therefore the inability of the average farmer to run one at the outset, or at least to feel labor of securing held corn could be at ease when responsible for the proper somewhat lessened by drawing to the working of an engine. To correct this, yard adjacent to the barn, and by this the American farmer boy, though he method the husking and storing the may be the most ingenious creature on the face of the earth, should be taught the fundamental laws and principles of natural philosophy, the properties of water and air, and the influence of heat upon those elements. To quote from an able writer on this point: "That our boys have abundant mechanical is then divested of the rack and the talent and inclination, there is no rack suspended underneath the axles, a doubt; and it would take little proper teaching, with a thorough understanding and appreciation of a few estabcut with a reaper and the gavels laid lished laws, to make every boy competent to take charge of a farm steam way. A team will thus draw a ton at a engine. We may show by the most convincing figures the great advantages of steam over animal power; but so long as a farmer's boy can care for and out. The field could then be sown to direct the animals, while he must hire a man to run an engine, he will be slow

It is certain that the common school is the fountain from which the young farmer must drink a good share of the knowledge that he is to use in after life, and I only wish he might get the water for each pound of dry substance instruction there that will aid him in using the best implements which this advanced age of mechanics has made it possible for him to have at his disposal. It ought to be so that a farm engine need not be rejected on the ground of inability to run it. As the labor-saving implement is perfected, it should have free course and make its ive arrangement one that changes the importance fully felt. If there is an equal progress in the use of steam on the farm during the next five years as Horses have but one stomach and that in the five that are just past, the most hopeful advocate of steam work over the wearing out of the muscle of man quarts, and in this condition is too full and beast will be satisfied. - Cor. Country Gentleman.

-A correspondent of a London paper seriously declares his belief that the time will come when men will be transof the contents pass onward into the in- mitted by telegraph. He argues that in certain electrical and vital processes ing a full teed of hay the stomach is molecules are by gradual deposition filled two or three times, so that the made to build up bedies, certain kinds part first eaten can remain but a short of molecules tending to produce certain time for d gestion. Now, here is a invariable forms. By-and-by he thinks point of great importance. The albu- it will be possible to get at the elementminoids of the food are digested in the ary molecules of man, and by dissolvsomach, and a stomachful of grain ing him somehow by electricity to contains four to six times as much cable him from London to New York, say, where he would take his natural sequently, for a sufficient quantity of form again as the molecules pile one on gastric juice to be mixed with the top of another. That man's genius is grain and produce its full effect, re- too tender to thrive outside of the

The average weight of Philadelphia's fifty reserve policemen is 200 pounds. The tallest measures six feet seven and one-half inches. Two others hav first and then the grain, it is not measure six feet seven inches each. difficult to understand that the latter and all but four of the fifty measure can remain in the stomach a sufficient over six feet, the average being six feet two inches.

A Sheep Story.

A boy was sent into the hold of the propeller City of Ludington yesterday with a lantern after some article, and quickly returned, very much frightened and pale as Hamlet's ghost, to inform the officers that somebody was down taken the place of brute force in doing there, as he had heard a person moving cautiously about. The Captain, Mate and several others immediately went essentials on a large farm, it being below to search out the lurking intruder, and what was their surprise to discover not a man but a sheep. The discovery explained a mystery: On the last of June the Ludington took a flock of the best signs of a more intelligent and thoughtful agricultural class. who received and counted the animals except one. He counted them over and over again, but the flock was one short. The docks, lumber yards, etc., in the whole neighborhood were searched, but no sheep was found, and the vessel-owners paid for the animal. Now the sheep sooner or later the yoke of oxen and has come to light, having been twenty-the team of horses will be in a great six days in the "dark hole," with no water and nothing to eat except pieces of old rope. The animal was taken to the kitchen and offered some cabbage leaves, which he would not eat, but pitched into a piece of rope with apparently a good appetite. The sheep has made a record as a faster, and though behind Tanner and Griscom, was presented to Superintendent of Bridges McHale, who says he will present the animal to Barnum. -- Milwankee Repub-

Millet for Hay.

The millet is a favorite crop with many farmers. It is such a quick grower that it has often been found useful to take the place of some early crop that has failed. Millet can be sown quite late in the season, and is useful for forage or hay. The Hungarian is a favorite with many farmers, but the golden millet pleases all who try it. To cultivate millet one must have some little acquaintance with its habits and its laws of growth. It needs good, rich, fine soil: turf suits it as well as it does corn, and my best success has been from spring plowed turt and shallow furrows. Land was never too mellow for it, and it always leaves the land in better condition in that respect than it finds it; it is labor well invested to bestow considerable pains upon the land in the beginning, for if wheat is to follow (and no crop is a better one to precede wheat), no replowing is necessary, as a spring tooth or sharp drag will put the land in excellent condition for the wheat drill. The quantity of seed needed to an acre is usually about the third of a bushel, but it has been found that thick sowing is preferable, say one bushel to the acre, as the stalks are not too coarse. Hungarian mitlet will be fit to forage in six weeks. It will not grow until warm weather comes, so that it is never an early crop.—Philadelphia Farmer.

-Two experienced hunters have gone from Neah Bay, Washington Territory, to the region of Clayquot, on the west shore of Vancouver Island, for the purpose of securing sea-otters. The Indians have been very successful in trapping the valuable animals, and the hunters believe that they can use, not only traps, but Winchester rifles to good advantage.

-Young women don't monopolize all the folly. Professor De Costa, of Philadelphia, has had under his care a young man suffering from the effects of taking arsenic to beautify his complexion. He will probably never fully recover the free use of his legs, which were partially paralyzed and wasted by the slow self-poisoning.

-It's sweat weather, whether it rains or not. - N. O. Picayane.

Baby Saved.

We are so thankful to say that our baby was permanently cured of a dangerous and protracted irregularity of the bowels by the use of Hop Bitters by its mother, which at the same time restored her to perfect health and strength.-The parents, Rochester, N. See another column .- Buffalo Express .

THAT comet has a tail 4,000,000 miles What a comfort it must be in fly

SOME people have a habit of always say-ag: "Oh, no, quite the contrary." Gus e Smith is one of them. He was standing on Austin avenue talking, when, having his back turned to a horse that was hitched to a post, the animal reached out and sent Gus flying against the wall. As they carried him into the drug store the owner of the horse said: "I hope you are not hurt?" "Oh, no, quite the contrary," replied Gus, as usual .- Trzas Siftings.

FRUGAL landlady of boarding-houses.—
"Coming home to dinner, Mr. Brown?"
Hearty Boarder—"Well, p'r'aps. If I don't feel hungry.'

"I THINK," said Mrs. Partington, get-ting up from the breakfast table, "I will take a tower or go on a discursion. The bill says, if I collect rightly, that party is to go to a very plural spot, and to mistake a very cold collection. I hope it won't be so cold as ours was for the poor last Sunday. Why, there was'nt efficient to buy a foot for a restitude widder.' And the old lady put on her sach and 1871. on her sash and left.

REVERSIBLE cuffs-boxing one ear and turning the other also.

"PHAT wild I do wid that?" exclaimed Patrick, when the backman handed him the baggage check. "I gave yez good money, and yez try to put counterfeit on-ter me.? "You mistake." said the hack-man; "this is not money; it is only a check." "Go way wid yez," cried Pat; 'isn't a check always writ on paper? Did yez take me for a greenhorn altogither?"— Boston Transcript.

THE Chicago boy who made a gun out of a gas-olpe will recover, but his eye isn't good any more, his scalp isn't complete, and his nose is broken. The neighbors miraculously escaped.

Two LAWYERS fought each other with canes in front of a Calcago magistrate's office the other day. While they were fighting, another lawyer carried off the client for whose patronage they were bleeding.

An Old Doctor's Advice.

It was this: "Trust in God and keep your bowels open." For this purpose take Kidney-Wort—for no other remedy so effectually overcomes this condition, and that without the distress and griping which other medicines cause. Try a box or bottle. - Telegraph.

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