Mixed Ration for Milk.

The relative value of corn, bats and bran to each other for milk production cannot be well stated; it would depend upon the quality of hay, straw, cornstalks or other forage fed with them. Corn, or what is much better, Indian meal, alone is too fattening to be fed for milk, as its tendency is to make fat and flesh rather than milk : while bran alone is not hearty enough to make milk and flesh at the same time; wheat middlings or shorts would be better. The two combined, say one-fourth Indian meal and three-fourths bran, would be a telerably good ration. Oats, whole or ground, is an excellent ration for milk; but perhaps a better one would be a mixture in the follewing proportions fed night and morning, with hay alone at noon:

One quart Indian meal to two quarts cat meal and two quarts wheat bran. The grain of the two fermer may be mixed at the rate tegether, and then two quarts of bran be added to every three quarts of this provender. If a pint of oil or linseed meal, or half a pint of cettonseed meal could be added to every five quarts of the above mixture, it would increase the value of the ration considerably, and assist much in the digestion of | for his father, with all his indulgence, was all other food and keep the bowels in fine condition. If linseed meal cannot be obtained easily, endeavor to get some flaxseed, from which this is made, and grind it with the corn and cats at the rate of four quarts to the bushel of the two latter. Do not feed cettonseed whole, for although this is done in the South it is dangerous, and semetimes causes death from indigestion.

with hay cut up short in a straw-cutter; a of the mixture of meals and bran. In detub or trough, sprinkle the meal, etc., over it, then wet well with pure water, mix all up together and feed. The benefit of feeding meal and hay together thus is, that the cows retain the ration in their first stomach till all is thoroughly digested; but if the meal is fed alone it is apt to pass too rapidly into the third stomach and more or less be voided undigested, consequently being something of a waste of food, except adding to the richness of the manure.

In chopped cornstalks, of large growth, the only part of them of any value is the leaves and the stalk cut off above the ear. The stalk below the ear is little more nutritious than so much wood or sawdust. Cernstalks of the sweet varieties which grow from five to six feet high, and cut as they begin to silk, or when the ear is soft and in the milk, are very valuable fodder, nearly equal to the best of bay for making milk, and cowe, and indeed steck of all kinds, eat | doubt of his footing. From farther down them either green or when proprely cured with great avidity. If any cow of the herd | horse, picking his way along the shallower happens to be in poorer flesh than the others, | places and growling at the folly and stuit might be advisable to give her two quarts of Indian meal instead of enly one in the above ration, till her condition improves enough to find one quart sufficient to keep | way. "The next time you come foolin' her in good order.

### Stock Notes.

It will not hurt to have line upon line and precept upon precept concerning a supply of pure water for farm animals. In some parts but few creeks afford decent water, being mostly filled, not by springs, but by the water which rushes from the land, full of varied impurity, after each rain, and soon recedes into stagnant pools to becomes less foul. Very few ponds are more commendable. It costs money to dig a well, and water is drawn from it at the expense of labor. But it is more economical to expend this money and this labor, than to compel the farm animals to drink stagnant water from a pool or pond. A complete pumping outfit, including valve tanks, can be got for one hundred dollars, and should be had where considerably stock is kept. If you pump the water by hand, put a roof over the well, to protect you from the sun or rain.

I find that the most progressive veterin- ing. arians do not sling animals with broken limbs, much less de they give such animals up to die. An animal with a broken limb will not put any weight on that limb, hence there is really no need of swinging it off the ground; and it is more at ease standing on three legs than suspended by bands acress, its belly. The limb must be adjusted to tring the broken ends of the bone together, and held in place by splints. Wet paper bandages are also recommended. Dip the strips of paper into paste made of calcined plaster of paris. This paste soon sets and makes a stiff, permanent bandage, which will hold the bone in place until it heals. The paper is covered with a cloth. In cases of severe or compound fracture, an epening in the bandages must be left for the escape of pus.

## Mid-Ocean Harbors of Refuge.

The loss of the Oregon has alarmed the thousands of rich people who yearly cross the Atlantic, for the fact has come to light that none of the large ocean steamers carry beats enough to save more than one-third of the passengers. There were nearly nine only boats enough for three hudred and fifty : and yet that ill-fated vessel was better furnished than the great majority of ocean carriers. It seems the American maritime laws provide for floats and rafts in addition to the boats; but as they have no sea-going steamers, except along the coast, the traveling public does not benefit by their forethought. An English inventor suggests that a number of hollow steel floats, each eighty feet square, might be anchored in mid-ecean, bearing sixty foot light-towers. These might be only a few hundred miles apart, and would serve as harbors of refuge in the event of shipwreck, as well as places for the transmission of shipping news, by telegraph, and for weather stations. The cable companies could afford to pay the expense of running them by the saving that would be effected in the use of relay instruments. Of course, this would necessitate the ships keeping on one route going and coming. Undoubtedly something of this kind will be done in the course of time. Indeed, these artificial islands might be used as sanftariums, as there are certain forms of sickness which are benefited by the salt ecean bre-zes.

# YOUNG FOLKS.

Hal's Misfortune.

"Have you piled your wood, Hal?" " No, not yet; ber I'm just going to," "P cked ap your apples ?" "No ! they wen't take long."

" Father said we were to de tarly, you know."

"Yes, I'm just going to." But Hal kept on trying to make Carlo sit upright and hold a pipe in his mouth. The sitting up was a success as long as Carlo was held up, but he weakened down in a most provoking manner as soon as left to himself. The pipe fell to the floor and went to pieces just as Ha.'s tather looked in at the shed door.

" All done boys ?" "Yes, sir, said Hal's brothers promptly.

"Well-almost," said Hal. "The General and his staft, with a detachment of soldiers, are going to pass along the Winburg road this morning: of one of corn to two of cats and ground | thought if you had all finished your work we might walk over there and see them. Hurry, then! there will be no time to

"Hurrah ! what a frelic!" The boys whose work was done ran to get ready. Hal knew better than to leave his work undone, strict, and Hal had had enough disappointments through his heedless, dawdling habite to have taught him better.

"I'll help you," said little Tom, kindly, as he made a rush to pick up the apples. They were soon gathered, but in poer order, and then Hal insisted on Tom's leaving him and going with the others.

In feeding meal it is much better to mix | peny and go 'cress lets."

half bushel of this to every five or six quarts | hurry, that it fell down and had to be done ever. Then, out of breath and fearing ing this spread the hay out well in a wide | he would entirely less the fine sight, he threw himself, coatless, hatless and shoeless, upon the pony's bare back and rode quickly across the fields.

"I won't go around by the bridge," he said to himself. "I'll go by farmer Alien's ford : it'll shorten the way a great deal."

But as he came to the brook he saw that it was so much swellen by late rains that he felt a little doubtful about the wisdom of trying to cross, and wished he had gone around by the bridge.

"But it's too late now," he said. If I don't hurry up I sha'n't see a thing." He dashed in and urged the pony on. "Hello, there!" cried a man's voice.

"Don't you try to cross; it's too deep. Look out now! there's a big hole right ahead of you; if you get in it's ten to one you'll never get out."

"Hal reined back his pony, which was already floundering about as if in great the bank Farmer Allen came on his own pidity of boys. "There!" he grumbled as he at last

seized the pony and turned him the other round in deep water I'll leave you to get out as best you can—see if I don't !" In a very crestfallen spirit poor Hal

turned the other way. "If only the General's a little after time," he said, " perhaps l'il be there soon enough yet. I de believe I hear the drum

and fife new. Get up, Pony !" Peny did his best, but alas! when Hal at last reached his brothers, whom he found in a state of delighted excitement, he could only catch a faint glimpse of nodding plumes over a cloud of dust in the far dis-

"Oh, if you had only been here. We cheered and waved our hats."

And the General took eff his hat to us." "And I'm going to be a General myself some day," added Tom. "Such a horse as he had—and sword!" " Always late, poor Hal !" said his father.

looking pitifully at his boy's rueful face. "When I'm a General," said Hal pettishly, "I'll take my own time to do things, and not always have to be hurry-

"If you are ever a general or any other great man, my boy, you will find it your first need to be prompt and diligent in all you do. But be sure that no one who is a trifler and a laggard as a boy will ever be a great man or a good one, which is far better. A soldier of Christ must always be up and about his Master's business. If you ever expect to do Him good and leval service, Hal, you must make your first fight against the faults that beset you now. When you reach home go to your room and learn this verse:

" Not slothful in business; fervent in spirit, serving the Lord."

One Way of Getting a New Spring Hat.

"Don't pretend to be asleep, madam," said young Freshle, the broker, as he returned from the club and aweke his wife one night just a week and a half ago. "Hew is it that I find a man under your bed?" "Spare us, George! spare us! I told Charlie-I mean Mr. Skidmere-not to hide there. I knew you'd catch him. Mercy!

"What-miserable weman!" shrieked hundred persons on beard the Oregon, but Freshie, "have I detected you at last!" and he emptied his revolver under the bed. "Have I stumbled upon your crime? I was only trying to April Fool you, but-"

"Got fooled yourself," said Mrs. F. calmly. "And now that you've shot my bonnet box full of heles, perhaps you'd better fork out that twenty for the new Spring hat I wanted and come to bed." And he did.

## Joy in Every Drop.

This may be truly said of Polson's NERV. ILINE, the greatest pain remedy of the age. It brings comfort to the weary sufferer when failure has attended the use of every known remedy. Nerviline is an absolute cura for all kinds of pain, internal, external, or local. Parchase a 10 cent sample bettle and try this great remedy, Nerviline, nerve pain cure. Don't forget the name at any drug store.

" Why were you not at church last Sunday, Cara?' asked Amelia. "I couldn't go; didn's have anything to wear. I shall go next Sanday, if my sack is done." "Oh! you sack-religious thing !"

# THE HOUSEHOLD.

How to Iron Cuffs and Collars,

Have ready some irong nery het, only just not be seerch. And let there be enough from not to have to wait for a second when the first is cool. These must be very clean and with a good polish. To insure the latter have a plece of beeswax, and when the iron is taken off the fire rub it over the becowax, and then rub the iron on seme crushed salt and it will run smoothly. Now on the ironing sheet lay a clean, smooth cloth; a handker chief will do. Lay a collar on this, fold over part of the handkerchief, and iren quickly from one end to the other two or three times to dry it a little. While still steaming take off the handkerchief, stretch the collar with the hands, and iron briskly on the right side straight acress. If the iron is not hot encugh, or the collar too dry, the starch will stick. When the right side is smooth, without creases, turn it on the other side and iron more slowly so as to dry it theroughly. The irons require constant renewing, as the damp cools them quickly. It any starch appears on the iron it must be scraped off with a knife before going back to fire. If you do not want shirts or cuffs to blister and wrinkle when buttoned do not make the first, or boiled starch, to stiff, and rub if in well. Of course you know that they should al ways be dipped in cold starch, i. e., clear starch mixed thin with cold water, before irening.

#### How to Wash Woolen Blankets.

Select a bright, sunny day, with a brisk breeze, so that they may dry rapidly. Have "I'll catch you," he said, "I'll ride the | the water as hot as the hands will bear, and dissolve the soap in the water, avoiding rub-He piled the wood, but so badly, in his | bing it on the blankets unless very soiled spots render it imperative. After rubbing it through this water, theroughly rinse through two waters or the same temperature of the rubbing water. Wring as dry as possible; then let some one take hold of each end of the blanket and pull evenly and strong to bring it to its former size before drying. Pin as evenly as possible on the line, and let it become perfectly dry. Treated in this way no ironing is necessary. The secret of washing flannels without shrinking is to have all the water the same temperature (and after long experience ] prefer hot to lukewarm water), and also to thereughly rinse all soap frem the blanket.

#### Receipts.

Tomato soup made of canned tematoes One pint of canned tomatoes and one quart of boiling water. As soon as this boils add one small teaspoonful of soda; then add one pint of milk, and salt and pepper to taste. After this boils, sift in the crumbs of eight butter crackers rolled fine.

LEMON PICKLE -The fruit should be small, with thick rinds. Rub them with a piece of flannel; then slit them down in quarters, but not quite through the pulp, fill the slits with salt hard pressed in; set them upright in a pan for four or five days until they become tender in their liquor. Then make enough pickle to cover them of ripe vinegar, the brine of the lemons, Jamalca pepper and ginger; boil and skim it. When cold put it ever the lemons,

Rock-Work .- One quart of milk, five eggs, six tablespoonfuls of sugar, vanilla or other essence. Heat the milk; pour upon the beaten yelks and sugar. Cook until the custard begins to thicken. Pour out, and, when cold, flavour and pour into a glass bowl. Whip the whites stiff with two spoonfuls of sugar, flavor, and peach by laying, a spoonful at a time, upon boiling milk, and, carefully withdrawing the speen from underneath, leaving the oval mass of meringue floating upon the surface. Turn it over when one side is done, and presently take it up and lay upon the custard. Heap them irregularly on the top, and let all get cold before serving. Pass light cakes with this custard,

MARBLED CREAM CANDY .- Four cups of white sugar, ore cup rich sweet cream, one cup water, one tablespoonful butter, one tablespeonful vinegar, bit of seda the size of a pea, stirred in cream, vanilla extract, three tablespeonfuls of chocalate grated. Boil all the ingredients except half the cream, the chocolate and vanilla together very fast until it is a thick, ropy sirup. Heat in a separate saucepan the reserved cream, into which you must have rubbed the grated chocolate. Let it stew until quite thick, and when the candy is dene add a cupful of it to this, stirring in well. Turn the uncelored sirup out upon broad dishes, and pour upon it here and there, great speonfuls of the chocolate mixture. Pull as soon as you can handle it with comfort, and with the tips of your fingers only. If deftly manipulated it will be streaked with white and brown.

# A Puzzling Question.

Same persons seem whelly unable to cope with scientific facts, their inability being doubtless due largely to circumstances and their education. For hundreds of generations of men were puzzled by the same problem which now seems se simple to us. A teacher in a western county in Canada, while making calls among the people, came into conversation with a farmer's wife from Vermont, who had taken up her residence in the "backwoods." Of course the school and former teacher came in for criticism, and the old lady, in speaking of his prodecessor, asked:

"Wa'al, master, what do you think he learned the scholars ?" "I couldn't say, ma'am, Pray what did he teach?"

"Wa'al, he told 'em this 'ere arth was round; what do you think of such stuff?" Unwilling to come under the category of the ignorant, the teacher evasively remarked :

"It does seem strange, but still there are many learned men who teach those things." "Wa'al," says she, "if the earth is round and goes round, what holds it up?"

"Oh, these learned men say that it goes round the sun, and the sun helds it up by virtue of attraction." The old lady lowered her space, and re-

sponded with this poser. "Wa'al, if these high larnt men sez the sun holds up the arth, I should like to know what holds the arth up when the sun goes down ?'

The Chambars brothers, during the years of their first struggles in Edinburgh, lived upon catmeal, with a meal of meat once week. To that early discipline they were went to attribute their vigorous health in eld age.

Mirabeau is stated to have been an enormous feeder, eating as much at a meal as would suffice three ordinary men. Taileyrand was also a noted gourmand. Goethe and Napolean ate large quantities of food, but cared little for the quality. Prince Bismarck is noted for his appetite, which is insatiable; but his food is of the simplest quality.

Many anecdotes are told of the gross delight in eating of the two Dumas, father and sen, one of which is that the younger, being overtaken by a storm, took refuge in a hetel n ar Paris. Twenty-four turkeys were hang ng upon the spit.

"And all for a single traveller," explained the hest. "O'est mon pere!" ex maimed Alexandre. He was right.

The fact is, that the man of genius instead of being, as young people usually suppose, a creature of delicate organization who can dine on the perfume of a lily, usually requires a large supply of substantial food. Intellectual work demands full nutrition in the stemach to repair the waste of braintissue. Hence additional caution is needed in young men who take up such work for life, that the apparently unnatural craving for food and drink, which follows severe exertion of the brain, shall be kept within whelesome limits. There is a great truth for all time in the legend of Circe and the

Tramp-" Well, mum, have you got any more o' them buckwheat cakes te-day !" Mrs. Coldcash-" There's some cold ones, but I am afraid you will find them rather indigestable." Tramp-"Oh, I don't expect to eat 'em." Mrs. Coldcash-" Don't expect to eat 'em ?" Tramp-" No'm. You see my darter has took to painting, and she finds 'em very conwenient to use for placques !"

#### Prematurely Aged.

Many a woman is robbed of these charms which the gentler sex value so highly, and made old before her time by functional irregularities. To such the bloom of youth may be restered by the use of a remedy which has stood the test of time and which is to-day acknowledged to be without an equal as a cure for all female wesknesses-Dr. Pierce's "Favorite Prescription." By all Druggists.

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