0000000000000000000 entine ANY little gods there be Who help to keep this old earth bright! anksgiving cheer, and Christmas glee, And New Year's pleasure and delight. Has each its special deity Who sees that things are managed right.

And now comes good St. Valentine, The merriest god, if not the best He helps the timid swains who pine To put their courage to the test, And soothes with love's delicious wine The doubts in many a maiden's breast.

No plea of worldly maid or beau St. Valentine's true heart can move; For he and Cupid long ago, Before they left the courts above, Went into partnership, you know. To try and keep mankind in love.

And Cupid travels far and near To get his patrons well in trim, Then sends his partner once a year To finish up the work for him. All hall the saint both kind and dear, And may his luster ne'er grow dim! -Ella Wheeler Wilcox, in N. Y. Sun.



1 had just passed through the pretty village of D-, and here on the outskirts I found a great, beautiful house, with a wide driveway leading between big stone posts and up to the pillared portico. It was such a beautiful place, up there in the sunlight, that I wanted to look longer at it, so I dismounted. and, leaning on the stone wall, I was admiring its fine proportions when 1 heard the rattle of a farm wagon and in a moment the rattle stopped just behind me, and then a voice which announced a story in connection with the mansion. A good-natured looking old gentieman was sitting in a long farm wagon. such as is used to bring the potatoes from the field or the apples from the orchard. The horse was a dappled gray, so fat he could hardly move, and certainly if I had been in any hurry I should have kept to my wheel, but then time with me was of no consequence, and I did like stories, and there would be an unusual charm about this, for the old man had the peculiar pronunciation and queer nasal twang of that part of the country. So I loaded the wheel in behind and elimbed in myself with the driver.

my granther wuz over er hund'ed an' see er lot er kerriges er waitin' 'raoun he never hed it an' I say it's the remains er them pox."

house.

skeool weth the old man, but I ain't | team an' said she woz er goin' ter the seen 'im fer years. He shet himself Poore place, an' he thought I'd take her up an' don't go nowhere. I bet he ain't nigh ser smart's I be, an' he ain't ser old by two year; no sir, he ain't."

"His name was-" "Flint, Jo Flint, an' 'twas er good name, too. 1 do' 'no none better areound these parts. He run 'er the idee that everybody wuz tryin' ter git took off'n ther cov'r an' it hed er big red ther best of 'im an' he wouldn't hev no sugar heart in ther middle an' er little dealin's with nobody, an' his haous- heart in all them corners, an' thet boy keeper she dooz the business for 'em." to run such a large place."

can shake er stick at, an' ther story wuz livin', and then she 'nounced she'd wuz 'bout the prop'ty, that is in er sartain way."

"I would rather get the story from lived here all the years, know all about it, and can give me the little points of makin' an' takin' keer of herself an' interest that younger folks might be thet boy, an' she'd hear'd his uncle had likely to forget."

"Wal, I guess yer right, stranger. Wal, Jo Flint he had er nephy, er smart young man as you'd most ever see, an' of course Jo he'd likely giv' him all the she thought they'd cel'brate. Wal, I money, an' he wuz pop'lar now I tell ye. jest couldn't say er word. Her' she'd Of course I believe in love an' all thet, com' ter tak' keer er the old man an' but 'tain't er bad idee ter set yer 'fections in er place where's the's er little made er mistake. The place wuz the old money. It com's pooty handy, I tell Poore place, the Maj. Poore place; yas, ye, an' so all the gels wuz er lookin' sir, an' she'd gut it 'twas ther poor fer Harold Flint ter make up to 'em. farm, the taown farm. Wal, she kep' But he warn't er doin' no sech er thing, er talkin' on 'bout the nice room they'd an' he went off daown ter Cassawaddy, gut fixed fer him and we drove in, an' daown ter the south cend ther state, she said she thought 'twould be pooty an' got 'ngaged ter er gel 'thout any in summer, but 'twarn't like livin' weth cash, an' he com' an' told his Uncle Jo, yer own folks an' Uncle Flint hadn't an' Jo he told him ef he wuz er goin' ter nobody ter tak' keer an'- Wal, I carn't merry thet way he needn't never bring tell ye nothin' how I felt, seems 's ef I his wife ter see him, an' they hed an hed whol' streaks er shiv'rs daown my awful spat an' it eended weth Jo er back er thinkin' haow she'd feel when tellin' him he needn't com' himself, an' she faound aout.

I warn't er takin' no partic'lar notice, but I bet the ain't er pootier woman 'n I thought it time to bring his mind this state 'n got offen them cars. She to the story he was to tell, so I cas- hed her boy with her, an' I knowed That Is the First Great Duty of All ualy asked if he was personally ac- 'twas hern coz it favored her nuff to be quainted with the inmates of the great hern. She hed er box 'n er bag, an' she

talked er spell weth ther deepo master, "Wal, I should say't I wuz. I went ter an' then he came weth her aout to my seein's I was goin' right by ther'.

"Naow who'd ye s'pose that woman wuz?" He waited a moment, and I opened my eyes to look as surprised as possible when he said: "Harold Flint's dress was as follows: wife, an' his boy, tew, an' she'd gut er big frosted cake in thet box, an' she bought 'em weth his own pennies an' "He must have a good deal of money stuck 'em on himself fer Uncle Flint, and she thought he'd like it coz prob'ly "I bet he's got more prop'ty 'n you he didn't hev no cake much wher' he com' ter take him home weth her! Wal, sir, it struck me all of er heap. I wuz ser sick to my stomick I couldn't you, because, of course, you, having breather them pox I s'pose. Harold wuz dead, and she'd been er doin' dressgone ter live on the poor farm an' she 'lowed Harry'd like ter hev her take care of him an' she wuz able ter dew it. an' ter-morrer wuz Valentine's day an' he wuth his thousands. Ye see she'd

Harry he jest went off an' merried the "Wal, I gut her ter hold ther hoss,



# AGRICULTURAL HINTS

# AROUSING THE PUBLIC. Road Reformers.

At the meeting of the Evangelical alliance, held in Harrisburg, Pa., an adcress on "The Necessity of Educating Public Opinion" was made by A. B. Farquhar, and one of the first subjects he considered was the effects of roads on urban and rural population, and the importance of educating public opinion on the subject. This portion of the ad-

"The rapid increase of our urban population is fraught with danger. Temptations increase with increased facilities and opportunities. Children are tumbled together in the streets as indiscriminately as garbage in the sewers, and they pass into the community a mass of filth. People are flocking to the cities, believing they can live a happier and a better life there, and were they not debased by concentration, there would be less disappointment. The evil conditions must be discovered and rectified. The thought that where society ought to through coarse muslin, but a quantity exist in its highest state, with most congenial environment, it must lapse into vice and immorality is intolerable.

"Country life has a thousand charms and advantages over life in the city. Our bad highways have a great deal to do with driving the countryman to town. The mud ditches in place of the beautiful, smooth roads of civilization shut him out from society and make it cost him more to carry a ton of his produce a few miles to the nearest market than

(neither of which propositions can be questioned)-then why is it that the vast majority of our thoroughfares are badly located and worse managed; that country travel, instead of being accomplished with case and pleasure, is usually a vexation to the spirit, a perpetual financial drain on our resources, and a disgrace to our boasted civilization?

"There can be but one answer. While all persons individually are well and painfully aware of these facts, yet, the people collectively have not been sufficiently impressed with their importance -in short, public opinion on this question has not been sufficiently educated."

# FILTRATION OF MILK.

#### Sent Upward by Pressure Through Layers of Sand.

The control of the milk supplies at its source is a subject which is engaging much attention at the present time; but, while something has been accomplished, nobody can really answer for the cleanliness of the cows and the milkersat five o'clock on a winter morning on small homesteads in the country. The more conspicuous objects, as cow hairs, are indeed removed by straining of fine dirt, which would suffice to render a transparent liquid visibly turbid, will probably remain.

Some of the dirt to be seen at the bottom of a pail, jug, or even a glass, consists of a mineral dust, but the greater part is neither more nor less than cow dung, a fact which furnishes an obvious explanation of the myriads of bacillus coli present in so many samples of milk; yet, strange to say, no one seems to think it necessary to filter milk, though it always contains a vast number of the bacilli, a fraction of which would be deemed sufficient to condemn any water as unfit for drinking, and the known outbreaks of typhoid fever traceable to milk are far more numerous than those attributable to public water supplies, for milk presents an excellent culture fluid for the bacilli of the bowel.

Sand filtration of milk on its arrival. whether by road or rail, at the central depot has been practiced for several years in some cities, as by the Copenhagen Dairy company and by Messrs. Bolle, of Berlin, whose arrangements, alike for the purity of the milk and for the physical and moral welfare of the persons (over 1,000 in number) in their employment, are well worthy of imitation. The filters used in this dairy consist of large cylindrical vessels divided by horizontal perforated diaphragms into five superposed compartments, of which the middle three are filled with fine clean sand sifted into three sizes. the coarsest being put into the lowest and the finest into the uppermost of the three chambers.

The lowest of all is partly occupied by a perforated, inverted, truncated cone, which assists in supporting the weight under gravitation pressure, and after having traversed the layers of sand from below upward, is carried by an overflow to a cooler fed with ice water. whence it passes into a cistern from which it is drawn direct into the locked cans for distribution. It is the rule of this dairy, also, whenever any epidemic or epizootic occurs in the districts whence its supplies are obtained, to subject the whole before admission to the filter to temperatures first of 160 degrees. Fahrenheit, and then about 220 degrees Fahrenheit, in two apparatus interposed in the course of the pipe supplying the filter. The filtered milk is not only freed from dirt. but the number of bacteria is reduced to about one-third, without sterilizing; the loss of fat is in new milk stated to be small, but the quantity of mucus and slimy matter retained in the sandwhich is, of course, renewed every time -- is surprising.-British Medical Journal.



(The Horse Has Been Taken Home, "Played Gut.")

to transport It a thousand miles on the railroad. The prosperity, contentment, intelligence and happiness of the rural population, depend largely on the condition of the highways. No wonder the value of farm land is decreasing. The of the filtering material. The milk enbest means of benefiting the agricul- ters this lowest comparts. turists is to improve his roads. The countries of Europe, impoverished by their standing armies and their euormous debts, build thousands of miles of road, and wisely spend millions annually in keeping them in repair. What a transformation there would be in our country if we had this European system of highways! An aroused public opinion only can secure them. "An accidental cross-path made-no one knows how-a century ago, widens to a wheel track, and becomes established as a country road, simply because the actual traveler has not time to look after the condition of his highway; the citizen who is not an actual traveler neglects what concerns other citizens equally with himself, and the county officer is not spurred to his duty of providing a suitable road by the pressure of a sufficiently robust public opinion. As a result every man, woman and child who has occasion to pass between ene and the other of two important sections of the country is compelled to go considerably out of his way, and toil up and down more than one long steep "Day after day, week after week, month after month, summer and winter, year after year, decade after decade -it will soon be century after century, the patient thousands who pass that road submissively pay tribute (hill and square corner taxes) to the ignorant carelessness of their forefathers and of robbers to infest that road and exact citizens now willingly pay for this extra time, labor and annoyance, an outery would be raised that would resound throughout the globe. "What is best now and hereafter for the many must and should overthrow the personal preference or caprice of the individual. Other forms of improvement are temporary; buildings fall into decay, harbor and river courses are filled up with deposits, machinery becomes obsolete, inventions are superseded by new and better ones; organizations of men, whether social, educaprocesses of time, but a properly located and constructed road will prove an ever- thoroughly with potash. It will smart brightening blessing to countless future generations. "Then, granting the vital and farreaching importance of having public roads where they are wanted, and of the best and most enduring character; granting the absolute power to accomplish this object, in the hands of agents

"Goin' fur, be ye?"

"Weil, friend, I don't just know how far. I'm out for fun, taking my vaca- gel an' went daown ter live in thet part | an' I went 'raound ter ther side door, want to be out of doors and partly because I haven't the money to lay out in never com'. car fare."

me fur's I go, an' thet'll save yer whee! some."

"I'm sure you are very kind to he!p--' and right there I had such a spell of died, an' the doctor he told him thet coughing that the sentence never was low land wuz rhumaticky an' he'd betfinished. It seemed so funny that he never thought of the wear and tear on his equipage, but in his generous heart him jest in time ter let Flint hev his only sought to save me and my wheel.

at me anxiously.

I hastened to say that it was the dust or the heat that made me cough so.

"Wal, I'm 'tarnal glad ter hear't. I've hear'd said consumption, the kind the' fall, an' everybody gabbed 'bout it, but hev neow, wuz ketchin'. I bet I wouldn't hev lived out half my days ef he'd got ter move er die, but I reckon't I hedn't er ben keerful ter steer clear er them diseases't I knew wuz ketchin'. I ain't but 80, but I bet ef scarlet fev'r er diptheree should git holt er me I'd never'd git over't. Youth don't count fer nothin' weth them things."

I looked at him to see if he was joking, but not a smile on his face as he ingly expected an answer. I mentally spoke of his youth and the uncertainty agreed to keep still. of his recovery from either of those diseases. Did he really think himself a young man? I could not tell.

"Haven't you had any of the diseases common to children?'

"Wal, I should say't I hed. When Jane's baby hed ther chick pox I went | uckin' in an' er tuckin' in, an' thendown't Mollie's ter live in the village, I ken drive ther colt, but Jane she says an' I'll be pizened of them blamed pox what'd old Dobbin think ter see ye didn't ketch me ther'. I tell ye the blis- drivin' off ther colt an' leavin' him beters wuz suthin' ter see, an' I ain't never hind, an' I declar' Dobbin is the hugot over't yit an' I never shell. It manist critter I ever see. But, as I ketches me somewheres every little wuz sayin', I sot ther by ther deepo. while. Jane says it's rhumatiz, but I Ef I'm daown I most gen'ly git ter ther 'low young folks don't hev rhumatiz: deepo; it sorter advertizes er place to

 $|D(x)| = \frac{K_{0} \xi_{0} - \frac{1}{2} \lambda_{0} - \frac{1}{2} \lambda_{0}}{\lambda_{0} - \frac{1}{2} \lambda_{0}} = 0$ 

### "SHE TALKED ER SPELL WETH THER DEEPO MASTER."

tion on my wheel, partly because 1 er the kentry, an' ther' ain't never been an' I gut hole er Mis' Bean an' I jes laid up here sence. Leastways he didn't out all erbout it, and she cried. Women

"Ye see thet great piece er medder "Sho, neow. Wal, ye ken ride weth | land an' thet low haouse out ther'? Wal. thet's wher' Jo Flint lived, an' 'tain't better'n four year sence he moved onter the hill place. Th' old man like't ter livin' on ther hill and Providence killed place. Jo Flint he made er bargin ont, "Consumptive, be ye?" and he looked an' what dew ye think, I bet the' ain't 'nother man in this taown 'twould er

done it. He moved in ther night; yas, sir, in ther night. One day he wuz ther' the doctor he sot it right by tellin' 't majority ov 'pinion wuz't he'd better died. Strange how little use some folks ken be; yas, sir, ain't it naow?"

I assured him it was, and he looked so astonished that I judged he was used to talking and receiving no answer, even though he did ask a question and seem-

"Wal, long in Feb'uary I wuz daown. Ye see I ain't nothin' to do an' Jane she thinks its good fer me to be aout consider'ble, an' I guess 'tis, an' I gut ther old sleigh weth er back an' er place for comf'ters, an' ye don't hev ter keep er

alwuz cry, whether it's good news or

bad. They'd cry over er weddin' jes' 's quick ez er fun'al. Wal. Mis' Bean she said she'd fix it up, an' so she gut 'em in and they went ter bed pooty soon, coz ther old man warn't wal an' he couldn't see 'em. so Mis' Bean said, hill. but I s'pose she warnted ter git er holt ter mozy out, an' old Maj. Poore he wuz on him fust, an' she told me sence that ye never see nobody wuss broke up 'n he wuz when he knew't she had com' ter tak' him and tak' keer of him fer Harry's sake, an' the boy's name's Harold, an' he's smarter 'n his pa ever thought er bein', an' I 'speet old Jo Flint hadn't never hed no sich er val'ntine 's they'd present county officials. Were a band an' the next he warn't. He went in the giv' him an' he won't never ergin hey ser s'prisin er one I calk'late. I tell ye one-tenth part of the cost that our er lovin'er creter 'n thet boy ye never see, er buying sugar hearts fur the old man, au' ef his mar's heart ain't made er love she'd never er com' daown here ter git the old man out'n ther poor haouse; no, sir, not by er long chalk!"

He stopped to think, and waited so long that I asked if Harold's wife went back?

"Oh. yas. Wal, she wanted tew jes' 's quick's she faound aout 't he'd gut lots er money an' warn't in the poor haouse, but the old man wouldn't hear to 't, an' she sent for her things an' ther' they be noow, an' Mis' Bean she tional, political or religious, are dissays ther old man's heart's jest all rupted and scattered by the relentless wound up in thet boy. Folks said when he sent Harold off his heart wuz jest like his name. Flint, but I guess they've hed 'casion ter think oth'wise sence."-N. A. M. Roe, in Good Housekeeping.

#### A Mistaken Youth.

He labored o'er it, line by line, It was for her, this valentine. His prudent rival hired one writ And he it was who made a hit. -Wasbington Star.

## PEN FOR DEHORNING.

#### Easily Built and Perfectly Effective for Its Purpose.

Kendall Perry suggests a dehorning pen easily built and perfectly effective for its purpose. The sketch is enough to show how built. But some of our folks think it dreadful to dehorn stock. Then try this plan: When the calf is not more than three weeks old, take an



old pair of shears and clip the hair away around the little knob where the horn. is coming. Wrap a stick of caustic potash in a piece of paper, leaving one end uncovered. Dip the stick in a little water, take the calf's head between your legs and bend its neck. around against your side. Rub the horn a little, but the pain will soon go away.

So will the horn .- Farm Journal.

Dried butter on dairy implements is hard to remove. Wash off with cold water at once.-Western Plowman.

Moisten corn stover with water and chosen by the people themselves sprinkle with bran to improve its flavor.