in this land of cheap corn, but it often 100 different animals, and with differhappens that a few turnips can be grown ent kinds of food. Prof. Sanborn, in where nothing else can, and they never his report on these tests, makes the folcome amiss either for late fall or early lowing tabulated statements of results: spring feeding, says the Western Stock- These tables show that to put one man and Cultivator. We cannot go to pound of gain on hogs averaging 35 the labor in growing turnips that our ibs, weight required 3.57. of food; hogs Canadian neighbors do. In the Domin- averaging 71.5 lbs. required 4.48 lbs of ion this crop is planted in rows and food; averaging 1248 lbs. require 4.48 hoed, thinned and cultivated with as lbs of food; averaging 221 lbs. required much care as the crops get in European 4.88 lbs of food; averaging 267 lbs. recountries. But we can give the turnip quired 5.74 lbs. of food, and averaging attention enough to get it well started—356 lbs. required 6.75 lbs. of food. Or after that it will take care of itself, s'ated in another form, taking as the Any fertile toil will produce turnips, standard the amount of food necessary though a sandy loam is the best. The to make a pound of gain pigs averagground should be cultivated till it is ing 35 lbs.; pigs averaging 71.5 lbs. re thoroughly smooth and mellow, and if quired for the same gain 3.3 per cent it has previously been deeply plowed so more food; averaging 124.8 lbs. weigh much the better. A soil that has pro- 14 per cent more food; averaging 177 duced a crop of early potatoes or onions, lbs. 19 per cent more food; averaging or that for some cause has missed a 267 lbs. 55 per cent more food, and hogs stand of corn will generally produce a averaging 326 lbs. take 71 per cent more crop of turnips to good advantage food.

The best of the small or Swede variety Thus you will readily perceive that of turnips is the red top strap leaved, the amount of food necessary to make It is almost sure to produce a crop of a certain gain steadily increase with roots when not planted to thick. The the weight of the animal, and the inbest time for sowing this variety of crease is much greater after the hog turnips is the middle of July, but they passes the 250-lb point, and as the may be sown as late as the first of Au-gust, and will produce a fair crop if manifestly certain that we feed 300 or they get a shower soon after sowing, more pounds weight at a dead loss The seed may be sown broadcast at the The 360-lb hog requires twice as much rate of about one-half pound per acre food for a pound of gain as a 100-lb Care must be taken to get the seeding pig does. even and thin enough, for turnips will not grow where no seed has been sown. nor will they form roots where they are sown too thickly.

The Pomibilities of Wheat Culture.

Some thirty years ago the French considered a wheat crop quite good when it yielded twenty-one bushels to and the rust which almost always the acre; but with the same soil the fastens upon it, as it does in the scat present requirements is at least thirty-three bushels, while in the best soils the crop is only good when it yie ds farmers can sell cotton and buy oats from forty-three to forty-eight bushels, cheaper than they can raise this grain and occasionally the crop is as much as fifty-five and a half to the acre, writes central France produce from year to corn and wheat screenings also, say. year, over large areas, forty-one bush the Kansas Farmer. Too much sof year after year, from fifty-five to sixtybeen obtained upon limited areas under special care. In fact, it is now proved that by combining a series of such simple operations as the selection of seeds. sowing in rows and proper manuring the crop can be increased by at least 75 per cent over the best present average, while the cost of production can be reduced by 50 per cent, by the use of some inexpensive machinery, to say nothing of costly machines like the steam digger, or the pulverizers which make the soil are now occasiona'ly resorted to here need of increasing the agriculture product tenfold.

# Value of White Clover,

Much more pasture can be got from a field well seeded with white clover among other herbage than its appearances indicates. It is a creeping plant, and does not show for all it is. Besides, it springs up quickly when eaten off, thus making new supplies of fresh, rich herbage at times when grass roots are drying up. A white clover pasture is one of the very best for butter making, and from its blossoms the bees clover is once seeded, it is very persistent, as seed forms on uneaten heads all grew without any seed from which to spective," published in 1770. He mem-

# The Profit in Raising Hogs.

before the Indiana farmers' institute:

half rations until 6 months old and Commercial Advertiser. then fattens them does so at a sacrifice of profit. Pigs should be made to grow as rapidly as possible from birth until graceful to a person not to know how sent to the block. The first 100 pounds made on a pig are the cheapest, the sec- be shown to have some of the abuse of a hog is kept longer than that the cost fairly improved would have enabled should be ripened off at from 8 to 10 with accuracy. And after all Dr. months old and weigh 250 to 300 pounds. Franklin used to maintain that what No breed should be kept on a farm that are called the worst spellers are frehape no man has done more to establiof words. New York Ledger.

INTERESTING 10 FARMERS. lish the above basis than Prof. Sanhead of the Missouri agricultural college. He made over 100 trials by act-The turnip crop is not of great value uai tests, scientifically with more than

## Southern Oats

It is evidently a mistake for southern farmers to try to grow oats. The climate is unsuited to this crop, and four years out of five the heads are only chaff. What is called blasting is the drying up of the crop from heat tering stools of oats that are some times grown in corn fields. Southerr

Best Food for Young Chicks.

Although many foods have been rec Prince Kropotkin in the Forum. There ommended for young chicks, we have are whole countries-Hesse for example always had excellent success with stale -which are satisfied only when the bread and oatmeal, fed in the dry conaverage crop attains thirty-seven bush- ditions, until the chicks are 10 day old els; while the experimental farms of when they may be then given cracket els to the acre, and a number of farms food is not wholesome for them. Chicks in northern France regularly yield, prefer dry food, and it serves the pur pose better and entails less labor ir eight bushels to the acre. Occasionally, preparation. Corn bread alone is ineven so much as eighty bushels has sufficient, but it may be improved when dipped in milk.

Resistatnce of Wood Posts to

The endurance of wooden posts wher subjected to the action of fire has been strikingly shown in a fire in England which occured in a large warehouse and raged with great fury for five hours. The post was found eventually but little injured by the fire. It was taken out, and as a further test was required for each special culture. They placed in the midst of shavings, light and heavy wood, saturated with petrolre, but they will come into gen- eum. This was ignited' and burned eral use as soon as humanity feels the for two hours and a half, at end of which the post was withdrawn and split longitudinally with steal wedges in order to ascertain its condition. The post was pitch pine-and about the most inflamable wood known-and yet, after an exposure of seven hours to intense heat, it contained within a quantity of perfectly uninjured and apparently fresh wood, probably capable of supporting the whole weight which the original post was designed to carry.- New York Telegrach.

# Supply and Demand.

A writer in a rubber journal, after treating of the growing demand for make the choicest honey. Where white rubber and the possibilities of the future supply, calls attention to the fact that one of the earliest references to summer, and spilled upon the ground caoutchouc as a substance capable of is brought up with every new plowing, practial use was made by Dr. Priestly so that as farmers used to think it in the preface of his work on "Pertions it as a substance which has just been brought to his notice as admirably suited for rubbing out pencil marks Extract of paper read by W. A. Maze and as being then sold at the rate of three shillings sterling for a cubal bit The farmer that lets his pigs run on of about half an inch.-New York

Bad Spelling No Disgrace. It cannot properly be said to be disto spell correctly, unless the defeat can and 100 cost more than the first, and if faculties and opportunities which if will overbalance the profit. Hogs the orthographic delinquent to spell will not gain at least one pound per vuently the best, inasmch as they spel I The best and earliest maturing nearest to the dictates of common breeds will do better than that. Per- sense and the accepted pronunciation

# Used in Millions of Homes-40 Years the Standard.

# ONLY A STREET BOY.

He was a tall, thin, starved-looking boy, with a little jacket, the sleeves of which crept half way up his arms, and a hat that was nothing but a brim, and when she saw him he was eating a crust out of the gutter. She was only a poor old women who kept a little shop for candy and trimmings, and poor enough itself, heaven knew; but, she said, he looked a little like her Tom might if he had grown up and been neglected, and

"Come here, my soony," she said; and the boy obeyed.

Before she could speak again, he said: "I didn't do it. I'll take my cath on anything. I didn't do it. I ain't so

"Didn't do what?" said the pleasant

"Break your winder," said the boy, nodding his head toward a shattered

"Why I broke that myself, with my shutter last night," said the old woman, "I ain't strong enough to lift them, that's the fact. I'm getting old."

"If I'm around here when you shut up I'll do it for you," said the boy. "I'd just as soon. What was that you wanted me for?"

"I want to know what you was eating that dry crust out of the gutter for?" was the reply.

"Hungry," he said. "I have tried to get a job all day. I'm going to sleep in an area over there, after it's too dark for a policeman to see, and you can't have a good night's sleep without some

supper, if it is a little dirty." "I'll give you some that's clean," said the old woman.

"That will be begging." he said

"No," she said, "you can sweep the store and pavement, and put up the shutters for it." "Very well," he said. "Thankee,

then. If I sweep up first, I'll feel bet-Accordingly she brought him a broom. and he did the work well. Afterwards

he ate his supper with a relish. That night he slept, not in the area, but under the old woman's counter. He had told her his story. His name

was Dick; he was 12 years old, and his father, whom he had never seen sober, was in prison for life.

The antecedents were not elevating, but the boy seemed good. The next if I hadn't got up when I did he'd have clerk for her small establishment. The terms were simple—"his living and a morning the old woman engaged a bed under the counter."

When the neighbors heard of it they were shocked. A street boy, whom no one knew. Did Mrs. Briggs really want to be murdered in her bed? But Mrs Briggs felt quite safe. She had so much time now that she was going to take in sewing. Dick attended to the shop altogether. He kept it in fine order, and increased the business by introducing candies and chewing gum. Pennies came in as they never came in before, since he had painted signs in red and blue ink to the effect that the real old molasses candy was to be got there, and that this was the place for peanuts.

And in the evening after the shop her confidence.

Her great dream was to buy herself into a home for the aged! It would cost her \$100. She was saving for it. She had been saving for three years, and had \$15 of it. But it cost so much to live, with her 25 cents per quarter and loaves so small; and she had been sick, and there was the doctor and Mrs. Jones Maria Jane to be paid for minding the shop.

After this Dick took the greatest interest in the savings, and the winter months increased them, as though he had brought a blessing. One night in the spring she took the bag from under the pillow, and counted what it had. It was \$30.

"And I'll begin to make kites to-morrow, Mrs. Briggs," said the boy, "and you will see the custom it will bring. and hung on so that he had to pull him If a little shaver sees the kites he'll losse. Counter felt pains shoot over spend all he has for 'em, and then he'll him, and started for home, over a mile coax his mother for more to buy the away. He became sick and was obliged stick darts and chewing-gum. I know to lie down, but he got up again and

the old woman, and patted his hand.

been when it picked the crust out of nately the boys had been instructed the gutter, and he wore clean clothes, what to do. They gave him a dose of though they were made of very coarse

"How wrong all the neighbors were!" my life".

under her pillow, and slept. Far on in monia until he was out of danger and the night she awoke. The room was utterly dark; there was not a ray of light; but she heard a step upor the A Dog That Devours Hard Cash,

"Who is that?" she cried.

There was no answer, but she felt that some one leaned over the bed; then the most extraordinary shaggy haireda hand clasped her throat and held her dog that you will ever see. down, and dragged out the bag, and she was released. Half suffocated, she for a moment round herself motion-

There was no answer; the door inte the street was wide open, and by the noonlight that poured through it she quickly saw, as she peeped under the counter, that Dick's bed was empty.

The boy was gone.

Gone! Gone! Oh, that was worse to Granny Briggs than even the loss of her money, for she had trusted him, and he had deceived her. She had loved him, and he had abused her love. The neighbors were right; she was a fool to trust a strange street boy, and she couldn't stand it. She called to

When the dawn had broken, the wise neighbors came into granny's shop to find her crying and rocking to and fro. and said they had told her so, she only shook her head. Life had lost its interest for her. Her occupation was gone, but not with her savings. Money was but money, after all; he had come to be the only thing she loved, and Dick had robbed her.

It was ten o'clock, Granny sal mourning by the kitchen hearth. Goodnatured Mrs. Jones, from up stairs, was "seeing to things" and trying to cheer her, when suddenly there came a rap on the door, and a policeman looked in.

"Mrs. Briggs?" he said. "Here she is," said Mrs. Jones. "Yes. I'm the wretched crittur," said

Mrs. Briggs. "Some one wants to see you at head-

quarters," said the officer. "There's a boy there and some money. "Dick!" cried Mrs Briggs.

can't bear to look at him! But Mrs. Jones | a | already tied on her bonnet, and wrapped her in a shawl,

and taken her on her arm. "The wretch!" she said. "I'm so glad he's caught; you'll get your money

back. And she led Mrs. Briggs along-poor Mrs. Briggs, who cried all the way and cared nothing for the money. And soon they were at their destination Then, not before, the policeman turned

to the two women. "It's pretty bad," he said. "They'll take him to the hospital in an hour. I you know." suppose you are prepared for that. He's nearly beaten to death!"

had it done for half the money. Let him go with it, if it's any comfort to

"I beat him!" said the man. "Wellhim with a loaded stick; and the pluck he had for a little shaver, I tell you, I

never saw the like. "You sha'nt take granny's money her,' says he, and he fought like a tiger If its your money, old lady, he's given his life for it for all I know.

"Oh, Dick, Dick I know you were good. I must have been crazy to doubt you,"and then she wrung her hands and cried: Oh, Dick, for just a paltry bit of money!"

And so she knelt beside the still, pale face upon the pillow, and kissed it and called it tender names.

And Dick, never guessing her suspicions of him, whispered:

was shut up she began to take him into grauny, if he killed me, and you in such high hopes last night."

begging him to forgive her. It would borsely whispered: . have killed him if he had, for he was very near to death. Dick did not die. He got well at

last, and went back to the little shop. And, though Granny Briggs had her savings, she never went to the old ladies, home; for long before she died Dick was one of the most prosperous merchants in the city, and his hand some house was hers, and she was hap- the constellation of Persecus." py.-Waverly.

Bitten by a Moccasin.

John Courter, of Manatee, Fla., was bitten on the heel by a moccasin snake-He was walking past Howard & Kennedy's pond, and as he was stepping 11 and 12-" over some grass the snake struck him, went home. When he got there his "You're a clever boy yourself," said body was swollen, his throat nearly even with his chin, his eyes nearly shut It was a plumper hand than it had and he could hardly speak. Fortu ammonia, saturated the wounds with it, and sent for Mr. Kenneby, Mr Abel and other neighbors. They gave him she said. "That boy is the comfort of all the whisky they could find with ammonia in it, and got up a reaction So she went to bed with the treasure Then they applied turpentine and amable to get up-Exchange.

Have you ever gone across the inlet

with a yachting party and seen Mr. J. D. Smith's shaggy haired dog? He is He eats eard cash.

"Billy, Billy; now then."

That is what you say, and you flip less and savikared, conscious only of a draught of air from the open door and some confused noises. Then she sprung to the door, and hurried into the little shop.

"Dick! Dick!" she cried. 'Dick! swear to me that on Wednesday he ata
Dick! baln! wake up! I'm robbed.

\$5.30, all nickels.—Atlantic City Latter

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# The Lover's Return.

"I-I-that is, you will excuse me, he stammered as he entered a store, on upper Broadway and was accorded an interview with the proprietor. "What did you wish, sir?" was the

cold but polite rejoinder. "Well you may think me foolish, but

I must run the risk. About a year ago you had a girl over there behind the railing-a typewriter and private secre. tary, I presume. "Yes sir."

"She was a handsome girl-very

handsome, and her speech and demean or showed good blood."

"Well, I-fell in love with her." "Did you? Well" "She was very coy and shy, but after a time I thought I could detect signs

that my feeling were reciprocated."
"Ah! Indeed! Looked at you in a tender wav?"

"I thought so. For weeks I made it a practice to pass your store a 2 o'clock daily, so as to get sight of her. She got so she looked for me at that hour.

"Indeed!" "That is, I thought she did. I thought her eyes lighted up as she caught sight of me. I suppose the proper way would have been to come in and ask you to introduce me, butbut one hesitates over those things,

"Yes I know."

"About a year ago I was suddenly "Did you beat him, you cruel wretch?" talled to Chicago. While there I met cried Mrs. Briggs. "I wouldn't have with a bad accident, and only recently returned to New York. I wanted to write to her, but under the circumstances I could not."

"I follow." "But I thought of her daily, aye! a aundred times a day."

"And now I have returned I called to catch sight of her dear, sweet face once more, but I don't see it. Is she with you yet?"

"Oh, yes."

"Oh, no." "Absent temporarily?"

"Yes; over at the house." "Your house?"

"Yes; Perhaps you'd like to walk iver. I married her about a year ago, ind this is the hour when the baby is isleep and she is at liberty."

The ax fell. With a moan of anruish on his pale lips the returned over walked out of the store in a blind, staggering way, reeled down the street as if drunk, and uttered no word until Then he made a great effort, pulled simself together, entered, sat down on He did not know what she ment by a stool before the soda fountain and

"Give me lemon and vanilla with plenty of froth on it, for 1 calculated the'd earn enough to support us both. -From the New York Sun.

# Excessive Scientific Zeal.

"These August meteors;" observed Mr. Johnsby, laying down his knife and fore, "generally seem to come from

"And they are always more numer. ous between the hours of 1 and 4 in the morning," suggested Mr. Johnsby, pouring out another cup of tea.

to say that on the nights of August 10 "I know you were, my love; but I know something about it, too. These

"I was talking, my dear. I was about

meteoric showers-" "I think, my darling, I, have studied the subject a little more thorougly, perhaps, than you have. On the nights

"Of course, dearest, I know that,

The meteors are supposed to be-" "Mrs. Johnsdy, where have you acjuired so much astronemical knowledge may I ask ?"

"Permit me to enquire Mr. Johnsby f you know everything?"

"I know you can't tell a , total eclipse from a rainbow, madam."

"And I know you haven't changed four socks for six weeks, Sam Johnsby.\* "I dont wear false teeth, you insultng old codfish."

Mr. Johnsby dodged a brisk metsorie hower of chicken bones, egg sheels end melon rinds that seemed to pro med from an angry woman at the ther end of the table. He rose in treat wrath, put his wife's face in otal eclipse by plastering it all over vith cold mush, and the interesting and cientific conversation between the ffectionate Mr. and Mrs. Johnsby was

Five-year-old William was talking about his kruckles and his brother naked what he ment, "I mean the little elbows on my ringers," was the ready

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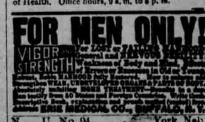
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EYE AND EAR Acute or Chronic Infammation and Infammation in the Eyelids or Globe, and Far and Near Sightedness, Inversion of the



Little Jim was but a few years old when there was a wedding in the famlly. The aged grandmother kept her seat during the ceremony. In telling about it afterward, Jim said, "We all stood up and got married ' capt grand