Only 51/2 per cent of the total area of the world is tillable.

The mines of Butte, Mont., have a combined pay roll of \$3,000,000 a year. The Argentine Legislature is con-

sidering the construction of underground railways for Buenos Ayres. It is just being realized that the Trans-Siberian Railroad was a pour

lob from an engineering standpoint. The observed rate for the sound of "a" in "great" is 420, and for the sound of "a" in "ma," 770 waves a

The telephone and telegraph wires of the United States would encircle the earth at the equator more than 600

To prevent the alteration of checks or other valuable papers an inventive genius has brought out an electric apparatus which burns tiny holes in the paper as the inscription is written.

Electricity has at last been applied to the Teddy bear, a Maryland man having patented one that opens its jaws and flashes lights from its eyes, nose and mouth, when a battery in its interior is pressed.

is progressing so rapidly that it will probably be opened next year to Jungfrau Joch, where a station and hotel commodating 200 persons have been hewn out of the solid rock. Though hydrophobia has been

The work on the Jungfrau Railway

stamped out of Britain, it is still rampant in Germany, where every year over 2,500 dogs and cats afflicted with the disease are destroyed.

A patent on a horseshoe designed to prevent the stumbling of horses was granted in Panama four years ago.

FASHION HINTS



One of the prettiest models for a dainty little afternoon gown of batiste, is shown

The wee yoke is of fine ecru lace, the batiste being of that color, and there's just a touch of light blue in the em-

"A Mite Too Frying."

Bushby had many natural advan-tages and beauties, but Mrs. Abner Crane, who was a brief sojourner in the place, having been there only a matter of ten years or so, never appre-"She was aching to get back to Nashuy the whole enduring time," said one of Mrs. Crane's Bushby neighbors, "and I was glad to see her go, feeling as she did."

What was it she didn't like about Bushby?" asked one of the summer residents, curlously. "She said she 'didn't get the news o'

the day quick enough to suft her.' quoted the neighbor, with as near an imitation of Mrs. Crane's air as she could manage. 'As I said to my Asy, what on earth

she wanted more than we have in the way o' news-spreaders here. I don't

When you consider that there are five telephones in town, a grocery wagon driven by Lucy Grant's boy twice a week, Lucy Grant herself to sew for everybody in town by the day, and all plied is frequently of great value, taking milk from Jed Kimball, I don't know how we could be any better fixed. I call anybody that wants more leaves fall is a good time to do the cutnews to the day than Bushby folks get news to the day than Bushby folks get ting, as all cases of twig blight are in the blight. In the autumn before the known." Of course I was aware that a writer of that name had written ting, as all cases of twig blight are "The Real Lord Byron," and had a great power of the Wanderoboo bow.

From its sharply barbed point to its a week, Lucy Grant herself to sew for

Gladdening His Heart,

"Dear papa," wrote the little girl at the summer resort, "I have gained six counces in weight since we came here. Mamma sends her love. Please write to us to-morrow. Send your love and all the money you can spare."—Chica-

While the Sparrow Cop Looked On. Ardly Keap-W'y don't ye roll furder along under de tree, an' git out

Solon Boddey-Too blame much like

"Has your wife found a house yet?" "No. You see, we've moved so often in the last ten years that it's almost Impossible for her to find a place with some improvement that we haven't had at one time or another."-Detroit Free

Objection Sustained.

Judge—The witness told all that happened on the second floor. Now, why do you object to his telling what happened on the third floor?

Counsel—Because, if it please your

that is another story.-Brook-

FIRE BLIGHT IN APPLE TREES

A Brief Description o. the Disease and Its Cure. By H. S. Jackson, Oregon Agricultural College, Corvallia.

Fire blight is the most serious of all the diseases which attack the pear and apple. It is a contagious disease of bacterial origin which, under proper conditions, may attack any part of the tree. Besides the pear and apple, the quince, wild crab apple, hawthorns, mountain ash, serviceberry and some other pomaceous trees' are subject to attacks of this disease.

Myriads of germs are present in all freshly blighted portions of the tree and in the sticky ooze exuding from cankers. The germs live almost entirely in the sappy portion of the bark, though in some vigorous-growing vari-eties of pears the germs have been known to invade the sap wood to a limited extent. Fire blight occurs in more or less severity in nearly all parts of the United States where

pears and apples are grown.

In Oregon fire blight has appeared in two general localities — one in the Southwestern part of the state, including the Rogue River valley, the other

in the Northeastern part.

Beginning in the spring the first apparent damage produced by the disease in an infected orchard is the blighting of the blossoms. Infection is brought about by insects, principally bees, which have visited a case of hold-over blight and become covered with the organisms contained in the sticky exudation, inoculating the flowers in their search for nectar. The organisms divide and multiply in the nectar and are able to enter the living tissues through the unprotected nectaries. Having entered the tissues they quickly blight the blossoms, pass down the blossom-stem and into the fruit spur, killing the tissues and cutting off the leaves from water supply, causing them to shrivel and dry, thus produc-ing "fruit spur blight." The latter occurs several weeks after blossom in-In very serious cases nearly all the fruit spurs may be blighted in this way and the trees set no fruit. Usually the germs die out and do not grow into the twig or branch on which the spur occurs, but occasionally the germs may continue into the bark of the branch at the base of the fruit spur and form a typical canker. Fruit spurs on the larger branches are a fruitful source of body infection and many cases of blight canker originate in this way.

The name "fire blight" is given to this disease because of the characteristic appearance of pear foliage on twigs or branches which have been killed by the organisms. The leaves turn black as though scorched by fire and fre-quently remain on the tree during the following winter. It should be noted that this color of the foliage is characteristic of the pear when it has been killed during the growing season. If a grower not familiar with the pear blight desires to known how the "twig blight" looks let him girdle a twig in

mid-summer and watch the results; The cankers are also quite characteristic, but are very variable in appearance. The disease progresses most rapidly in the fleshy outer layer of the bark and at first produces a watery appearance in the affected area. Later the tissues of the bark are more or less broken down and the cankers become

Besides the blight cankers found on the limbs and trunks, one frequently finds in some varieties of pears and Spitzenberg apples a larger canker at Sportsman," tells how he paid such a the surface of the ground extending up compliment at a dinner at the Garrick on the trunk for some distance and Club in London. down the large roots. This condition The company were all comparing is called "collar rot," and may result notes as to leading dramatic and litfrom a blight canker

A pear tree when badly cankered is els was asked. easily recognized at a distance in the As nearly as I can remember, I said. early autumn by the general reddish "You will laugh if I mention a novel

on the apple the foliage of twig and and by a man named Jeaffreson, whom fruit spur blight turns brown and dry. perhaps you never heard of, but which

One of the most fruitful sources of to my untutored mind has always infection has been by the pruning shears or saw. In pruning, if an active canker is cut into, the tools become infected. come infected and serve as inoculating instruments to spread the disease.

The only method known of control- sketch of character." ling fire blight is to cut out all cases ly and deliberately: of cankers wherever they appear. Spraying with fungicides is of only supplementary value and the various asked, solemnly and pointedly. blight cures are worse than useless,

Experience has shown that it is of little permanent value to attempt to cut out the fruit spur and twig blight book in my Oxford days, but have Experience has shown that it is of as they appear. Unless these forms book in my Oxford days, but have of the disease extend into the branches on which they occur and a canker is once reread it, and hold to what I say, though I do not claim to be a judge of such matters. naturally limited and the germs gradu- of such matters.

The efforts of the grower should be that Mr. Jeaffreson is sitting beside The efforts of the grower should be directed to cutting out all cases of blight canker and body canker during the fall, winter and early spring, when the cankers have become more or less "The other side," I was instructed:

amined for cases of the collar rot. It is this form of the disease that causes many trees to be killed outright.

The collar particularly extends status, but had no idea that he was identical with the author of the novel in question.

He took the episode good-humoredly.

In cutting our cankers it is neces. and vowed that it was a genuine com-sary that the tools be kept moist pliment to him. He had written the some good disinfectant. If this novel, he said, in his youth, and then is not done each cut will reinoculate had settled to more serious literature. the germs into the bark at the edges of the canker and the labor may thus

be useless. Corrosive sublimate in a solution of one part to one thousand of water has been found to be the most satisfactory was owned by Queen Victoria, says disinfectant. The solution is a violent the New York Sun. It weighs sixty poison. It must be kept in glass.

Information Free to Orchardists. The Department of Entomology and in 1512 the Jews offered Pope Julius weeks and becomes harmless. Luckily Plant Pathelogy of the Agricultural II, its weight in gold—\$100,000; but for the old bull, it was evidently such More expensive even, if not more insect pests or plant diseases at any time. Always include with your inquiries as full a description of the trouble as possible and send specimens for examination. Address Department of Entomology and Plant-Pathology.

Oregon Agricultural- College, Corval- lis, Oregon.

More expensive even, if not more valuable, is the official history of the dequiver, been driven into him.

The poison is made from the bark of a bush much like a laurel, which is nearly \$3,000,000. Nearly one-half of boiled down and down until it becomes a thick, gummy, concentrated extract. So prepared, it is thickly smeared over the barbed head and looking for pineapples on a pine tree.—Chicago New



Opinions of Great Papers on Important Subjects.

USE FOR ORSOLETE BATTLESHIPS



PLAN for the fortification of Key West, lately presented by a naval officer in a service publication, contains an interest. ing suggestion for the practical use of obsolete battleships in coast defenses. It is well known that a modern battleship deteriorates every year by comparative loss of speed and mobility, without losing power for of-

fense or defense.

After from ten to twenty years ships as powerful and impregnable as ever have to be withdrawn from the fighting line because they cannot keep up with newer models in speed or agility. Yet if these ships could fight at anchor, like the French fleet at the battle of the Nile, they would be nearly as effective as ever. The suggestion we have referred to is that they should fight at permanent anchor. The strategic position of Key West is so important that it should be made an American Gibraltar to guard the Gulf and Carribean sea as that famous rock guards the Mediterranean. But Key West is a low coral island, surrounded by deep lagoons and coral reefs almost awash. The defenses of the main island have so little command that outworks are

necessary for complete security.

It is proposed to obtain such outworks at a cheap rate by stationing the old monitors in shallow water on these outer reefs and imbedded each solidly in earthwork protected by riprapping. That will make of each useless war vessel a stationary fort armed with two or four 10 or 12-inch guns in turrets. It is further suggested that when our older battleships, from the Oregon class down to those just before the Dreadnought class, become obsolete for mobile service at sea, they can be made cheaply and effectively useful by imbedding them in artificial islands in shallow water off harbors of slow and difficult approach, like those of New York and Hampton Roads. This would give to each long life as a stationary fort after it had outlived its usefulness as a mobile battleship.-Farmers' Dispatch.

THE OLD AMERICA.



N THE year 1850, about the time that Charles Dickens was engaged in his dyspeptic tour of America, G. P. R. James, another English novelist, was an American visitor, and wrote a letter, sold at auction in New York last week. It is a document of interest to those outside the glo

rious company of autograph collectors. Wrote James when at New Haven: "In passing through this land one sees no poverty, no squalid wretchedness, no hovels and old huts. Great

good humor, too, is visible everywhere among the people; each man seems to feel that by industry he can get on as well as another. There is little of that jealous rivalry, none of that irritable envy that we see in older lands, where we are all struggling for that bread which is not sufficient for the whole."

Here is an echo of the old America. Great good humor prevalent, a minimum of jealous rivalry and irri-

It is not often that an author may

his work, one which he may be sure

erary feats, and my opinion as to nov-

uene especially is to my mind unsur-

passed for denouement of plot and

Such was my speech, delivered slow-

There was a strained silence in the

"Is that meant for a jest, Mr. Wood-

"Perhaps you are not aware, then,

I was taken aback, and looked at

and vowed that it was a genuine com-

INTERESTING VOLUMES.

Most Expensive Book Published.

The largest bound book ever made

once reread it, and hold to what I

room as I concluded. Then some one

table envy, general belief that a kind Providence had called the people of this land to dwell in a pretty good Would an English novelist visiting America now so write?

Yet if Americans to-day were called on to occupy the houses that satisfied in 1850 they would deem themselves ill used. In New Haven wages are nominally four times higher than sixty years ago, and measure in purchasing power twice as high. The average American stomach is filled with more and better food, and the average American back is covered with finer rai-

It is the spirit rather than that with which the spirit exercises itself which has changed for the worse. is now almost unfashionable to praise America, as for merly it was deemed unpatriotic to have any doubts. Jefferson Brick was a most ridiculous person, but when he disappeared something of great value tended to go out of American life.-New York Globe.

BUCKET SHOPS.



AINTAINING a stock-gambling office—ir other words, a bucket-shop—is an offense against the United States laws. A bucketshop is a place where men make bets that the price of a stock will rise or fall by offering to buy so many shares at such a price, or offering to sell a similar amount

at a similar price. There is no expectation of buying the stock or of selling it; but the forms of such legitimate business transactions are observed, and innocent people who desire to invest their money are thereby duped into doing business with such places. They usually lose all the money they invest.

The Attorney General has lately secured indictments against a group of men who have maintained 250 such gambling offices in various parts of the country, and he has announced his purpose to prosecute them to the full extent of the law. It is confidently expected that he will succeed in stopping their business as his predecersors under other laws stopped the Louisiana lot-tery. When the power of the national government is directed against any such evil as these it is much more effective than when a single State or a single city at-tempts to purge itself of offenders against the law.

The extent to which the bucket-shop business has been developed is almost incredible, and the machinery devised for entrapping the unwary is shrewdly constructed. Not only did the bucket-shop operators do their business, nominally as "stock brokers," but they maintained an organized stock exchange, on which enough legitimate business was done to make a showing

of honesty and fair dealing.

But the chief patrons of these places were nothing but gamblers. They did not want to buy or sell anything, any more than does the man who bets on which ump of sugar a fly will next light. The proprietors of the places allowed their patrons to win only enough to keep them interested, but by a system of secret wires secured advance information from the legitimate stock exchanges which enabled them to prevent any customer from forcing them to lose.-Youth's Companion.

purchasing records from private in three or four inches of the shank or dividuals. It was ten years in the shaft. A REAL COMPLIMENT. making, consisting of 112 volumes.

A set of 5,020 volumes in the Chi-nese department of the British mu-unaware, but it bears a purple fruit,

the world. It is an encyclopedia of a small olive, which I understand listen to a perfectly sincere tribute to the literature of China from 1000 B. C. is not itself poisonous. is not influenced either by friendship centuries. The work in England was and kill anything, from the tiniest purchased for \$6,000, being one of the buck up to elephant, their favorite tac-

rom 1662 to 1722, each with nine lines and from ninety- by contact with bone. five to one hundred letters. vine Comedy," a little less than an healed, except local irritation about the

THE OLD POISONED ARROW.

African savage is not always so deadthe N'gari Kiti swamp, says E. B. shaft about the diameter of a slatepencil standing perpendicularly out of the animal's right loin, near the spine, and six inches in front of the hip. One of the natives said, with a laugh, "Other hunters have been out long

The trees should be particularly ex. high literary status, but had no idea From its sharply barbed point to its kindled a hot fire. After awhile I half inches long, and four and a half the heavy muscles of the loin.

tree, or when he was drinking directly | Sun. below some overhanging bank, both methods of attack favorites of the light-armed Wanderoboo.

While the Wanderoboo poison is deadly to beasts within five to twenty three pounds and is eighteen inches minutes when it is fresh, applied to arrow-heads in this dry climate, it cakes For the Hebraic bible in the Vatican to the hardness of enamel in a few College at Corvallis, Oregon, will be the pope would not part with it.

an old disenvenomed arrow that had, glad to answer inquiries relating to More expensive even, if not more perhaps by mistake, or as the last in

How the plant is known botanically,

seum constitutes the largest book in quite the shape and about the size of to 1700 A. D., a period of twenty-eight | So armed, the Wanderoboo tackle three copies in existence. It was forty tics a silent shot from a brush shelter years in compilation and was ordered built within five or ten yards of a

by Emperor Kang-he, who reigned much-used watering-place. Such primitive shooting covers one sees daily The smallest book in the world, not above springs and along streams in

Mme. Christine of Lorraine in 1665. It much deeper had it not struck a rib, is four-tenths of an inch long, a quar- for as found, the thin head was bent ter of an inch wide, contains 208 pages, almost to right angles with its shank That it was a very old wound was smallest is an edition of Dante's "Di- obvious, for not only had it entirely

rusted. A Duck Hard to Kill. The screaming walloon is a hard

duck to kill. Its hide is very tough and is thickly covered with feathers The famous poisoned arrow of the and down. Besides, the bird is a frican savage is not always so dead-great diver, one of the kind that used ly a weapon as it sounds. In fact, it to "dive at the flash" when hunted may be absolutely harmless. After with the old arm that flashed when having killed an old buffalo build near fired. It is of very little value for table use, being so tough. The only Bronson in his recent book, "In Closed | way to manage it at all is to skin it Territory," he noticed a small black and parboil it in a big pot with plenty of water. The negroes make caps of walloon skins.

"They are great ducks for diving," says a well known Tred Avon river progger. "They can dive quicker, go the fall, winter and tarry of the cankers have become more or less imited in their growth and are not whom I had been having much interwhom I had been having much interthe cankers have become more or less and I faced the left-hand guest, with their resas or and come up farther away than (cartridge) was not as good as yours; any other duck that frequents our that is a Wanderoboo poisoned arrow." waters. I remember once I succeeded It was true, as we found proved, when, in killing a walloon, and, being short of game for the table, I determined to cook my bird. I got a negro to skin it, giving him the hide for his trouble. After being cleaned we put it in a great pot full of water and under base the arrow-head was five and a wanted to see how the cooking of my duck progressed and lifted the top off inches of its length had been driven the boiling pot, but there was so much through the half-inch hide and on into steam escaping I could not see into the pot and struck a match over it. Since it stood perpendicularly in the The blamed walloon, sir, dived at the loin, it must have been shot into the flash of the match. It disappeared and bull while he was passing beneath a has never been seen since."-Baltimore

Practical Poetry.

"Pa, here's a piece of poetry that says something about a 'moated' What is a 'moated grange,

"Lemme look at it. I guess that must be a misprint for 'garage.' moated garage is one that's designed for motors. That's it.-Cleveland

Fruitless.



A General Purpose Poultry House. This building is 14 feet wide, and can be as long as desired, adding another set or sets of rooms and sheds and send a resolution of gratitude to at one or both ends. The construction is simple, but durable. Outside walls are covered on outside and inside with light weight prepared roofing, placed on cheap lumber. Plaster board may be substituted for the inside. Studs are 2x2, and there are two sets; waterproof paper being placed between them. Thus a double air space is secured. Rafters are of will be very warm.

Foundation is of stone, brick or grout. Floors are of cement, covered with dry sand. Broken stone, well cheaper than cement, and makes a fair substitute. The ventilators, being placed in the warmest parts of ing" on the flat of the shoe. rooms will draw. Windows have sash



dry building.

If horses had means of expressing their thanks they would probably unite



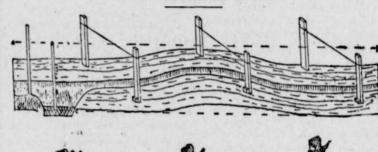
the Pennsylvania man who invented the horseshoe shown in the sketch. The horseshoe has a series of parallel ridges on its heel and toe portions. The ridges on the toe portion run parallel to

the longitudinal axis of the shoe 2x4, and may be stripped beneath and those on the heel portion run and practically the same construction transversely. These ridges form a seused as for the sides; using thicker roofing. So constructed, the building retain snow or dirt; thus forming a retain snow or dirt; thus forming a bearing surface for the shoe and making the horse surer of his footing. Running in opposite directions as they do the corrugations act as a sort of tamped as for macadam road is brake in whichever way the animal's feet may happen to slip and the whole effect is to prevent snow or dirt "cak-

> Bran with Alfalfa for Cows. At the Massachusetts station, with new milch cows, a supplementary ration of bran gave slightly superior re-sults to one of alfalfa meal. With the bran ration the cows gave 1.6 per cent

more milk and 3.1 per cent more but-ter. The several feedstuffs were figured at the same price per pound, exwith some glass, but mostly filled with cepting the wheat bran and alfalfa; heavy muslin. This lets in a fair the former cost \$22 and the latter \$30 amount of light, and air enough to a ton in the market. On this basis prevent dampness. By using two the alfalfa ration would increase the courses of cloth it will be fully as cost of milk and butter some 9 per warm as one of glass, and insure a cent. If the bran and alfalfa were One room has a double row of food cost of the product would vary nests, with wire partition above. very slightly. Owing to the excess of When a hen wants to set, her nest fertilizer ingredients, especially nitrois pushed through into small room, and | gen, in the wheat bran, the bran ra-

SECURING PROPER GRADE.



To obtain an even grade in trenches where tiles are to be laid, stretch lines across the ditch five feet above the bed. The lines are tied securely to stakes on either side of the ditch. White cotton rope one-fourth inch in diameter is the best kind to make easy sighting. The proper hitch on the stakes is shown in the lower illustrations. In practice a mark can be made on the long handle of the shovel five feet from the point and the sighting

done without delay as the work goes on open, except when raising chickens. Scratching sheds have earth floors, and are enclosed by wire fencing, with doors. In winter muslin can be added, making the sheds warm, and not ex-

cluding the sun. The brooder room has a wood floor. south side is taken up by yards .-Farm. Stock and Home.

The Joe strawberry has had quite extensive trail and everywhere made wide, with type so small that it head, but in places where the hard a good record. It is a midtakes a microscope to read the letters. black enamel-like coating of the poison season to late berry, and under favorable conditions grows to the was worn away the shank was much



and healthy in growth. The berry is regular in shape and among the most beautiful in general appearance. It is also of high flavor. If you have a heavy, rich soil and will mulch the plants well, you can raise some prizewinning berries from the Joe .- Orange Judd Farmer.

Sowing Cowpens.

The caw pea is sometimes sown in eggs and market poultry are very high combination with other crops, such as corn, Kaffir corn and sorghum, for hay, When planted in these combinations other farm animals, if he puts thought there is danger of the cowpeas becoming stunted in growth if the crop with which it is combined is planted too thick. Sown broadcast, cowpeas often make little growth with these crops, but when planted in rows with corn and cultivated the growth is quite sat-'sfactory.

Average Vield of Oats.

According to the Crop Reporter, issued by the United States Department of Agriculture, the average oat yields several feeds by quarts, inasmuch as per acre for ten years were as follows: in compounding dairy rations, the Russia, 19.4 bushels; France, 28.1; Austerms are expressed in pounds: tria, 28.6; United States, 29.8; United ton-seed oil, 1.5 pounds; linseed meal, Kingdom of Great Britain and Ireland, old process, 1.1 pounds; gluten meal, 44.7; and Germany, 47.3. The three 1.7 pounds; gluten feed, 1.2 pounds; great crops of wheat last year were: wheat bran, coarse, 5-10ths pound; United States, 807,156,000 bushels; Ger-wheat middlings, coarse, \$-10ths nany, 530,131,000 bushels; and Russia, pound; wheat middlings, 834,502 bushels. The world's crop was pounds; mixed wheat feed, 6-10ths 2,560,524,000 bushels, and in excess of pound; corn meal, 1.5 pounds; oata either corn or wheat

replaced by the one opposite; the door | tion would furnish a somewhat richer being closed. A small door leads to manure. This fact should not be en-an exercise yard. Partition door is tirely lost sight of in comparing the merits of the two feeds.

Felling Trees by Electricity.

According to a statement issued by the Siemens-Schuckert Company of Berlin, the felling of trees by means of wires heated by electric currents, Beneath is a basement for incubator, which has been described in various By a stove in room above and the newspapers, cannot be accomplished in much larger than a man's thumb nail, was made in Italy, the text being a boo coutnry.

The smallest book in the world, not above springs and along streams in double flue chimney both can be kept at any desired temperature, and the letter, before unpublished, written by the inventor of the pendulum clock to bull carried would plainly have gone

By a stove in room above and the double flue chimney both can be kept at any desired temperature, and the old air pure. A trap door covers stair-the inventor of the pendulum clock to bull carried would plainly have gone sides. Entrance is from north, while able to rupture, in consequence of its high temperature. The redhot wire carponizes the wood, and the charcoal, if allowed to accumulate, protects the interior parts from the heat of the wire. In order to remove the charcoal, the wire must be roughened and moved to and fro lengthwise, so that the operation is still a sort of sawing. and the motion and roughening in-

crease the liability to rupture. Trapnests and Dry Feed. Prof. Chambers, referred to in our last issue, ascribes his success to intelligent feeding, good care and trapnesting. His hens receive dry feed entirely. He gives a light feed of hole wheat and corn three times a lay, scattering the grain in the litter. He keeps before his hens all the time in self-feeding hoppers, a dry mash made of the following mixture:

Corn meal100 largest size. One berry is recorded as weighing more than two ounces. The plant is large and very vigorous and believe the plant is large and very vigorous All these are mixed with a little salt and cayenne pepper.

> Limiting the Flock. Where the farmer himself works with poultry as he does with hogs or cattle, 200 hens should be the mininum limit of the flock, and more than this number can be handled with profit if the farmer understands the busi-

ness and has some hired help. Both

and any farmer can make as much or

Milk for Poultry. Poultry and dairy farming go weh ogether. Milk fed to poultry in all forms, produces good results. How-ever, care should be taken to keep the

Weight of Feeds by Quarts. Dairymen especially will be interested in knowing the weight of the 1.2 pounds; rye bran, 8-10ths pound.

more from poultry as he can with any and work into the business.

dishes clean and sweet,