BEAUTIFY THE FARM YARD

WELL KEPT DRIVEWAYS LEADING UP TO THE FARM HOUSE AN EVIDENCE OF GOOD TASTE.

BT EVA RYMAN-GAILLARD.

able; or where kept in good condition they far too often lead to the barn by the most direct line of approach, with no apparent care for the effect they have on the slage. have on the place as a whole

Granting that every foot of unnecessary driveway represents added labor, and admitting that it must be well cared for, or take from rather than add beauty of the place, brings one to the same fact that must be faced in securing anything worth having-it means work.

When considering the question of whether or not the work is really end of worth while, the first thought is, naturally, of the beautifying effect of the curved lines as contrasted with straight



As every place has differing conditions calling for differing plans, this "man behind the hoe."

SAN JOSE SCALE

Most of the insects which infest ortree. The San Jose scale, however, if many as sixty-five different plants and Such consideration, if carried far phase of the subject may be left with and plum suffer the mest. San Jose Looking at the grounds surrounding the farm and suburban homes through the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack by the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the stack provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack show the position of sticks provided the subject may be left with scale is distributed by the shipment of infected nursery stock, by its own the stack provided the subject may be left with scale in the stack provided the subject may be left with scale in the stack provided the subject may be left with scale in the stack provided the su the farm and suburpan homes through and that curved lines have a wonderful processing space and well-cared-for driveways is noticeand well-cared-for driveways is noticethe farm and suburpan homes through and that curved lines have a wonderful power in seemingly increasing space view and is desirable, also, as a means of the best and cheapest hay stacking out the best and cheapest have seen. of securing additional beauty.

Viewed from the standpoint of labor involved, there is no denying that it requires more to lay out and make a diameter, flat and nearly circular in 75 feet 3-16-inch line for trip and relong driveway than a short one and, shape, grayish, with the center raised, turn; one pair of double blocks and too, the longer one must be a wider Upon lifting the scale one finds a yellone single pulley and hay fork. one, or look like a streak through the sod.

When, however, the work of making has been done that of keeping in good from the tree. Thousands of these lithas been done that of keeping in good condition is not proportionately greater for the reason that in the curving, endless driveway, a home-made scraper, a steady old horse, and a careful driver of the frontage, circles in a broad sweep of the bonse and in easy curves leads euaround it and to the barn in the rear.

Severy place has differing condisevery place has differing condisevery place has differing condisevery place has differing onlars, this "man behind the hoe."

Thousands of these litting in soud from the tree. Thousands of these litting in the stack made by horse going to and fro. No other instructions are one tree will do much damage in a single season. When found in an ore as shown in the sketch as possible. The controlled by the use of lime-sulphur solution, but in the season of the instructions are a shown in the sketch as possible. The controlled by the town, as the larger the stack the less loss by the weather.

For the cap select and straighten a bunch of the longest hay; tie in the and nearly dead they should be cut and ne down and burned.

CHEAP HAY-STACKING OUTFIT

permitted to run its course, will entirely destroy an orchard. While as THE HAY CROP.

that hold the cap.



of the longest hay; tie in the dressed and that which is not. ing should be at all times the highest

BY J. WESLEY GRIFFIN. or fullest. This will prevent leaks and tip. Let the stick end extend out of much damaged hay. The dotted lines the stack about two feet, over which Then spread out the bu

of cap to form roof over stack. Do not wait until the hay is ripe before you get out the machine or make the sticks to go in the top of stack. Have a few poles or rails handy on which to build the stacks. Stack the cleanest and that freest from weeds to be stored in the barn, the roughest and weedlest on the thinnest ground or in a sheltered place, and let the cattle and sheep shelter around the tacks during hard freezing weather. By no means let the stock tramp up

meadows in wet weather. During freezing times top dress the with all available Scatter this over evenly and note the difference next having time in that top-

In stacking clover or alfalfa be sure four or five times between center and to top out with timothy or some straight-strawed hay that will turn the water. For convenience in stacking hay should stand in the shock two or three days, or even longer in fair weather. It loses much weight and lies much better in the stack. Do not stack any hay if you have room in the barn for it.

Select a Fertilizer to Build Up the Soil Rather Than to Grow a Certain Crop.

ADAPT FERTILIZERS TO SOILS

It would be much better if the users of commercial fertilizers would get into the habit of adapting the fertilizer to

the soil instead of seeking a fertilizer that is adapted to the crop grown. The object in using fertilizer should be the building up of the soil rather than growing a certain crop, and a fertilizer which will balance up the plant

food already in the soil is an economi-cal fertilizer to use on any crop, since the effects of its application will show on any crop that is adapted to the A farmer cannot afford to buy all of the plant food that his crop will use in its growth. Then why should be buy anything that his soil will furnish to

the crop in sufficient quantities? True, some crops will take more of a certain element of plant food than another will. Some crops have the power

of getting more food from a soil than

As a result of perfecting a serum that

The ravages from cholera amount in We do not hesitate to urge the young one year always to \$1,000,000 and fre-

> It was perfected and made practical by Dr. J. W. Connoway of the Missouri

unequivocally that it is prepared besides alfalfa, sorghum, clover, oats, of the voluntary muscles of the leg, vanquish hog cholera completely, which

travels, in many cases only when the breaks of the disease are stopped with horse first starts.

breaks of the disease are stopped with only the loss of those seriously affected

titles of carbolic acid and when kept In most cases of chorea (stringhalt) in a cool place can be kept from six cotton crop will be cut in half and the medical treatment does not give ben- to twelve months. When hogs are to efit, but good results follow careful be inoculated an assistant from the feeding and tonics. The food should college injects from a teaspoonful to a mal.

NUBBINS OF FARM NEWS

Also give Fowler's solution of arsenic, of what seemed to be almost worthless picking up. So is a shovel which cost beginning with one-half ounce doses in land. But he discovered diamonds on the feed once daily, and gradually in-creasing by one-fourth ounce at a moved to town. Ever since that the of southwestern Arkansas should be given for two weeks, then localities the farmers neglect their crops to look for the gems.

Dr. Wiley, the chemist of the Department of Agriculture, is making ne interesting experiments at Wash ington in turning farm waste into wood "Too much value cannot be placed manufacturing purposes. His experion Burbank's thornless cactus as a ments so far have been confined to fodder for cattle," was the declaration corn and potatoes, but fodder is to be

TUBERCULOSIS IN HOGS

Report of the Bureau of Animal Industry United States Department of Agriculture.

Reports gathered from the variou meat packing centers of this country show tuberculosis of hogs to be on the increase and causing heavier loss to raiser and packer alike than any other

Statistics show that a year ago there were over 56,000,000 hogs in this counand their value at that time over \$339,000,000. Federal inspection at the abattoirs of the country show 2 per cent of the hogs slaughtered to be affected with tuberculosis. Reports from Europe show a far more wide spread infection that runs as high as

5.5 to 7.5 per cent. The small amount of money required to start in the hog-raising business and the quick returns on the amount invested make it an attractive field for operations. Hogs will make greater gains on less feed than almost any other live stock and at the same time utilize profitably waste food products every variety if properly prepared As tuberculosis of hogs is chiefly con-tracted through feeding, the signifi-

cance of the latter feature is obvious, Hogs from Arkansas, Oklahoma and birth to maturity they are pastured on a scarecrow that will scare, and here is

will not buy hogs from one state known act of getting this egg he can easily to be badly infected.

to be badly infected. An investigation carried on by the Bureau of Animal Industry in a certain generally the last one. tagging hogs hauled to market in Of 3,420 animals tagged it stock came from less than 6 per cent

It is known beyond doubt that the majority of tuberculous hogs are produced by the following causes

creamerics. Feeding hand-separated milk from

tuberculous cows Feeding behind tuberculous cattle Feeding tuberculous carcasses.

Feeding slaughter house offal. Sooner or later the packer will buy subject to post-mortem examination, as some are now doing with certain classes of female cattle. Then the hos raiser who persists in fattening with tuberculous material will be made to feel the cost of his indifference or lack twice a day. of knowledge. To-day the buyer makes a proportion of his animals will be condemned and the price fixed accord- feed should be dry. ingly, with the result that the careful breeder suffers with the careless one be kept together. Much better results This is not equitable. But when the packer buys subject to post-mortem results the painstaking and intelligent raiser will receive more than he

WIRE WORMS IN THE CORN

He never had any more trouble with a roost in the rear.

time, but better leave the ground idle than plant garden crops to feed to the

ground, cultivate immediately by the sheep.

spading or plowing if the tract is a Without the lamb the spading or plowing if the tract is a sheep and consequently no profit in the Roll, drag and roll again to hold the sheep-breeding business,

fear of the worms getting the crop.

Howard S. Hill, a cucumber grower



HARVESTING IN RUSSIA WITH AMERICAN-MADE MACHINERY



A SCARECROW THAT SCARES

The ordinary scarecrow, consisting for them, or rather the lack of care. planting time, does not, in most cases They are not restricted to feed lots, serve the desired purpose, but is rewhere disease is commonly found, but garded by Mr. Crow as a notice which roam over large areas to shift for plainly says: "Here's the place to get themselves. No prolonged feeding is practiced in narrow limits, but from But there is such a thing as making

from bitter experience to avoid about two feet from the box, in such a harvested; in 1906 376,000 acres, or sections of certain states and two firms position that when Mr. Crow is in the more than nine times as great an area.

ection of the middle west consisted of catch only one crow in this manner, but now they have to pay \$5.35. miles around

Don't be in a hurry about releasing him, for the longer he is in the trap the better opportunity he has of circu-Feeding raw milk and slime from lating the news of his imprisonment. Unless his legs are broken or he otherwise injured it is best not to kill

> him. Just let him go. and the whole crow family will steer clear of that cornfield all season .- R. A.

POULTRY YARD NOTES Grain should not be fed oftener than Thousands of hens are killed every his purchases with the knowledge that year by feeding too much wet food and The greater portion of the mashes.

> Chickens of different ages should not are obtained when they are kept sep-More satisfactory results are ob-

will get less, which is more has plenty of patience and an abundance of room. Charcoal in granulated form should always be kept before fowls of all

Large quantities of stale bread may

SECRET OF SHEEP SUCCESS

The sire and dam are the basis of As soon as a crop is removed from the flock, but the lamb is the basis of

very important it is that every lamb

orking, which destroys all grown into a salable animal, wheththe weeds that might grow the next er as a mutton lamb or a matur-Wire worms thrive in weedy, dirty oil, but after following the above plan must be thoroughly impressed on the one may plant anything and have no mind and every feature of lamb raising be carefully studied so that this

period be approached with everything in readiness to save the lambs. The sheep raiser who does not count

THE BEET SUGAR INDUSTRY

Texas are remarkably free from tuberof a pair of old trousers, coat and hat, culosis, due to the methods of caring which adorns so many cornfields after The Secretary of Agriculture Gives a Flattering Account of Its Developof years under a good butter maker or cheese maker who never went to The Secretary of Agriculture Gives a Flattering Account of Its Development in the United States. In 1896 there were six beet sugar factories in operation and one building, having altogether a capacity for slicing having altogether a capacity for slower of the data amount paid out by factories for beets during the past twelve and the past twelve for states. The success, makes light of their value, just as he does the dairy papers. This young man is liable to hesitate to "lose" (as he calls it) the time and wages, and the saved-up capital nection of sugar is about the same in the two states. It is better to remedy this by adopting a judicious rotation of crops in which legumes will come in frequently. The legumes will supply the nitrogen and help to keep up the humus supply. It is unfortunate for the farmer that two states. The total amount paid out by faction of sugar is about the same in the two states.

one is sufficient, for he will at once get of beets to sell to the factories, for rado at a respectful distance in the busy giving out danger signais that which they received \$1,564,000. In 1906, race for second place. Michigan has was learned that all of the affected will be heeded by all other crows for just eight years later, they had 4.236,- the same number of factories as Colo- has been making beet sugar for thirty 000 tons of beets to sell and received rado, but their product is considerably years.

Colorado leads all other states en- Billings, Mont., the most northern.

California and Michigan follow Colo-

AMAZON TOMATO VINE

This vine measured 11 feet and 4 of a herd as a machine for producing Oct. 4, 1908, the top part was full of is mild at all seasons; no winter being milk from feedstuffs, but spreads that blossoms. Some of the tomatoes meas- so severe that cold-proof shelters lisease broadcast among other animals ured 51/2 inches in diameter and 16 required, or summers so hot but that and human beings. Few herds are free inches in circumference. Several a shade tree will mitigate it from it, but it can be eradicated. The weighed from 2½ to 3 pounds each. In most sections water is plentiful. As to feed and forage, everything that hogs like to eat is produced in abund-



GROWN BY E. M. WIGGIN. 2050 NORTH broadening and necessary.

Railway men are so accustomed to many large tomatoes have. A good your means justify? It is a part of idea of the height of the vine can be every man's duty to the community to ommunicate with each other by means gained from the fact that Mr. Wiggin live as comfortably as possible. is holding his hat in his hand as high

TEXANS RAISING HOGS

Texas is said to be an ideal place to the course

beans, half a dozen varieties of peas cottonseed meal for fattening purpose. raised there in profusion. seems to have determined to raise cot- horse first starts. ton-but there is said to be a much

ance. Corn, milo maize, peanuts, so

worth of cotton. but it can make more out of hogs, and animal, the time is not far distant when crop of hogs doubled.

RAIL FENCE PHILOSOPHY

Flower gardens are as valuable in their way as vegetable gardens. They ren-der returns by their beauty and fragrance which add to the pleasure of

A quarter on the ground is worth twice as much, but lots of people do

A leaky barn is a poor asset for a

Are you living in as good a home a Contrast your home with that of your town friends of less orable to you you are at fault.

RHUBARB FROM SEED

It is possible that there is many

VALUE OF DAIRY SCHOOLS

Hogs raised in the forest regions of Hungary are likewise rarely affected with tuberculosis. In striking contrast are the hogs slaughtered at three cities for beets duily In 1908 there were sixty-four factories, with a total amount paid out by factories and the saved-up capital nectosis for beets duily in 1908 there were sixty-four factories, with a total amount paid out by factories and the saved-up capital nectosis for beets during the past twelve were sixty-four factories, with a total amount paid out by factories and the saved-up capital nectosis for beets during the past twelve were sixty-four factories, with a total amount paid out by factories and the saved-up capital nectosis for beets during the past twelve were sixty-four factories, with a total amount paid out by factories and the saved-up capital nectosis for beets during the past twelve dothers. The total amount paid out by factories and the saved up capital nectosis for beets during the past twelve dothers. The total amount paid out by factories and the saved up capital nectosis for beets during the past twelve dothers. The total amount paid out by factories and the saved up capital nectosis for beets during the fertilizer for be

position that when Mr. Crow is in the act of getting this egg he can easily see the ones in the nest.

The price of beets, like prices of other farm products, has risen steadily. The second trip he makes for eggs is generally the last one. Now you can act only one crow in this manner, but

The value of the dairy school is not so much in what the students actually the largest in the soil would induce more study on the soil The oldest successful factory in the and thus acquire a desire for vestigation of the whys and where-

servable during their daily work

men in the creameries and cheese fac- quently reach \$5,000,000. teries, as well as all young farmers, to attend the dairy schools, even at a most serious sacrifice. It will be the States Department of Agriculture. hest investment they will ever be able to make.-B. E. Lara.

TREATMENT FOR STRINGHALT

Stringhalt, a spasmodic contraction usually occurs in animals of a highly will be good news to farmers all over nervous disposition. One of the most the country.

This is often most severe in cold before the identity of the diseas larger profit in a thousand dollars' weather and gradually increases as the discovered. worth of hogs than a thousand dollars' animal grows older, but it does not seem to cause any suffering nor in- what is known is a hyperimmunized

> variety and abundant. A mixture of oats, oil meal and bran

is goods Three times a week give the following: Salt, four ounces: sulphur ot seem to think so.

Not a few of us miss a great deal dose in the morning and at night. This have had the diamond fever. In some

BURBANK'S THORNLESS CACTUS

If the comparison is not fa- made by Charles J. Welch, who has a tried. great cattle ranch at Los Banos, in Mr. D. Lauricella of Long Beach, Southern California.

sands of the Burbank cactus plants and produce, which was sold at 5 cents in growing rhubarb from seed sow says they are thriving and growing in each. He also raises the spineless cact count report such an accident. Accordingly pebbles even full, with water poured in beds early in the spring in good every way as Mr. Burbank said they tus. They will grow prickly pears the

TO CURE HOG CHOLERA

It is not only from the teachers that is an antitoxin against hog cholera the they receive their education, but it is Missouri Agricultural college guarantheir fellow students, who have tees the state legislature that it will, vorked under various conditions; in- with an appropriation of \$45,000 a year, to feel inclined to believe that save farmers of Missouri from \$1,000, this is really the most valuable part of 000 to \$5,000,000 annually.

The hog cholera serum was discov-

Agricultural college. He has been working for months on the problem and now has the proportion exactly. The agricultural college announces

Even with all these natural advan- frequent forms of stringhalt is a jerk- tages comparatively few hogs are raised ing up of the hind leg as the horse immuned against cholera and the out-By the improved method hogs are

terfere with the general health of the hog. This is treated with small quanbe nutritious, easily digested, of good tablespoonful into the ham of the ani-

ounces—a tablespoonful in the feed. Arkansas who paid \$200 for 243 acres

Mr. Welch last year planted thou- plants he gathered a wagon load of mitted to report the matter.

be one and a half inches in diameter. clean garden soil in rows twelve inches would.

"I didn't know I hurt the cow." he The chicks can walk over these and apart and one inch deep. Thin the With the lamb a constant growth is grew it remained round like an orange, but had the skin of a cucumber. When the stand was pleasant to the taste,

With the lamb a constant growth is quite important that this be kept up, if one would as a sheep raiser.—G. W. Hervey.

With the lamb a constant growth is quite important that the water, and drink from between them without danger of a deep orange color, very plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Then the stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Thin the plants to stand six inches part and one inch deep. Then the chicks can walk over these and drink from between them without danger of being pushed into cultivate the water, as cultivate the water, as cultivate the water, as of being pushed into countenders. The plants to stand six inches part and sevent them without danger of being pushed into cultivate the water, as of being pushed into countenders. The plants to stand six inches part and sevent them without danger of being pushed into cultivate the water, as of being pushed into cultivate the water, as of being pushed into countenders. The plants of them proved the set of a deep orange color, very plants to stand six inches part and sevent them without danger of being pushed into cultivate the water, as of being pushed into cultivate the water, a

now and the ignorant or indifferent nearly a fair deal for all concerned.

A Michigan man writes that he be bought from a baker at 75 cents to cleared his ground of wire worms after \$1 per barrel. Soaked sufficient to he, as well as several of his farmer soften it makes splendid chick feed. neighbors, had lost their planted seed. In damp weather turkeys must be entirely and had to replant two or well protected from the weather. A three times on account of the pests, good house is an open-front shed with

His method requires hard work and

moisture, so all weeds will at once Thus it is readily understood ho In September give it another very born in the flock be kept alive

of Gardner, Mass., found an orange tree each lamb as it comes into the world in blossom in his cucumber hot house worth its price at weaning time should omitted to report the matter. some time ago. He transferred the pollen from the orange blossom to a cucumber blossom. As the cucumber desirable, so it is quite important that

In 1898 the farmers had 364,000 tons Calif

OF INTEREST TO FARMERS

Bovine tuberculosis not only shortens m. Just let him go.

the lives of cows, saps the profits of inches and contained a great many raise hogs and ought to be raising No danger of this one coming back. beef raising and reduces the efficiency fine, large tomatoes. At the same time, 6,000,000 hogs per year. The climate Sacramento college in California has shown that even if a large proportion of a herd are diseased a healthy one may be obtained by isolating the dis-

to feed on the mother's milk unless it s sterilized. Virginia, North Carolina and Tennessee have the undesirable distinction of being the only states in the union in which the slaughter of robins is per mitted by law. Recent investigations does tained from keeping only one variety than in having several, unless a person are killed in these three states during the winter months. It is a fact that every robin earns \$1 in the destruction of insects injurious to crops every year. The hunters sell them for apiece. This is a waste of millions of dollars and ought to appeal to the

hard, common sense of every farmer

eased animals and keeping them only

for breeders, not allowing the calves

A farmer near Rock Island, Ill., was cleverly swindled out of \$25 by a smooth stranger who claimed to be the game warden. The farmer was hunting on his own farm when approached and asked if he had a hunting license. did not, and the man said he was not excused by being on his own farm and that he would arrest him. This did not please the farmer, and he finally gave the fellow \$25 as bail. When he appeared in court the next morning met the real game warden, but not his

THOUGHT SHE WAS ALL RIGHT

f gestures that the habit of looking for such dumb signals becomes a kind of as he can reach. A complaint was ceived at headquarters that a valuable cow had been killed on a certain day A good watering device for small and by a certain engine. Investigation chicks is an ordinary baking pan, such showed that the engineer had failed to as is used in bread-making, filled with



MAMMOTH AMAZON TOMATO VINE and friends. Social intercourse is

These tomatoes were delicious and did thrifty farmer. not have a hard green core like so