

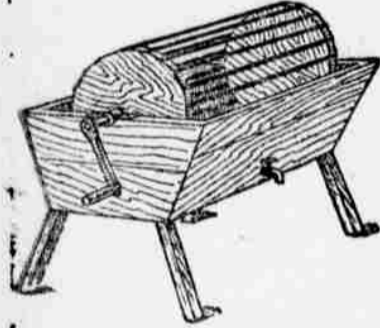
FARM AND GARDEN

VEGETABLE WASHER IS BEST

Write a Job to Do This Work by Hand—Machine Does It Easily and Rapidly.

Vegetables bring a much better price if they are clean when offered for sale. It is quite a job to do this work by hand but if a machine like the one shown in the drawing is constructed it can be done very easily and rapidly, writes J. J. Tulare in Farm and Home.

A cylinder made of two round board



Easily Operated Potato Cleaner.

ends connected by heavy wires is mounted in a water tight box. This cylinder is run by a small handle.

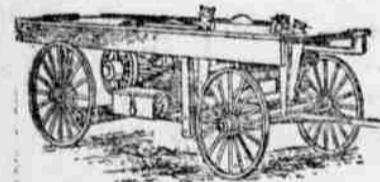
The vegetables are put inside the cylinder and the tank filled with water. The handle is turned and the dirt is very quickly washed off.

The cylinder is made so as to be easily removed from the tank for cleaning. Two or three of the wires must be so arranged that they can be loosened easily for putting the vegetables in and taking them out.

PUTS WORKBENCH ON WHEELS

Can Be Drawn by Horse or Hitched to Another Vehicle—Gasoline Engine is Attached.

The accompanying sketch shows how I made a handy workbench on wheels, which can be drawn by a horse or hitched on behind another vehicle and taken out on a job of work, says a writer in Popular Mechanics. A small gasoline engine hung on supports beneath the bench runs a circular saw.



Workbench on Wheels.

A place is provided for all tools necessary to be used on any one job.

CARE OF FARM WORK HORSES

Animals Should Be Pampered and Fed Generously to Sustain Vigor and Good Spirits.

Horses employed for farm work should be pampered and should be fed generously so as to sustain vigor and good spirits. A team ill-fed and consequently in poor condition and feeble will not accomplish much real hard work and it is a waste of time to hire an expensive hand to drive such a team.

The harness, and particularly the collar, should be accurately adjusted to the horse. If the collar is either too tight or too loose it galls him and seriously affects his breathing.

The work horses should be fed early in the morning and they should have a liberal feeding. The comfort and rest of the team will be vastly promoted if the harness is entirely removed at noon while they are feeding. Allow them plenty of time for a good meal and partial digestion before they are put to work for the afternoon. It is poor policy to put them to work right after eating a hearty meal or upon a full stomach.

If we would allow the teams more rest at noon we would accomplish more work than when they are only allowed time to swallow their food. At evening let them be well groomed and their legs and bellies relieved of mud and filth.

The practise of many farmers of driving a team through cold water to wash the filth off their feet and legs is dangerous, as it causes many diseases that they are subject to.

A warm or overheated team should not be put in a cold, airy place, but first exercised and then blanketed and put in a warm stable and after the blankets are removed they should be wiped dry with straw or cloths.

When a team has been exposed to rains they should not be left to become dry, but should be rubbed dry, as chills, fevers and other ailments often result from allowing them to dry by the evaporation of the moisture from their bodies.

Grass Lands in Grain. Humus-making crops are such grasses as timothy, clover, blue grass, bromegrass and alfalfa. It has been found grass land plowed is under better conditions of moisture and freer from weeds than land that has grown grain continuously.

LOSS IN HANDLING MANURE

Much of Good Qualities Lost by Exposure to Elements for Period of Four Months.

(By ANTON C. WAGNER.) One of our experimental stations has shown by careful investigation that when the stable manure is piled up and left exposed to the rains the loss from leaching of the fertile elements is very large. The New Jersey station finds that manure exposed for 100 days lost over one-half of the nitrogen, one-half of the phosphoric acid, the same proportion of the potassium had been lost. More than one-half of the constituents had been lost by an exposure of less than four months. Work from other experiment stations confirms this.

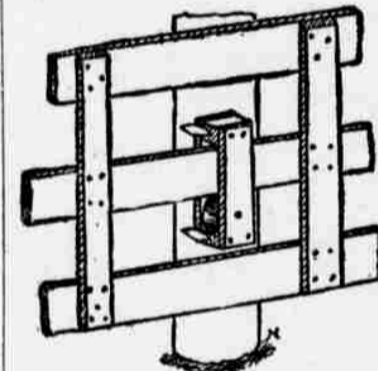
A great deal of valuable manure is also lost in badly arranged stables, where there are poor facilities for recovering the manure. The valuable liquid manure is lost by drainage.

The best way to save all the fertile elements in manure is to haul it on the fields and meadows and spread it evenly over the land. Washed into the soil it is preserved for the next crop.

EASY WORKING GATE HANGER

Discarded Wheel From Cultivator or Pulley May Be Utilized—Simple of Construction.

Any old pulley or cultivator wheel may be utilized as an easy working hanger for your farm gates, with but a few moments' time to construct. The two sides of hanger are cut long enough so they will allow ample space for the two ends of hanger, the wheel and the one board of gate, as shown in illustration. Make the two ends



The Gate Hanger.

or spreaders the width of the pulley or wheel, and after boring holes for the bolt to hold pulley in place in the sides of hanger nail together as illustrated. Fasten same to the gate post with two strap hinges at ends of hanger, which allow the gate to be swung to one side, as well as pushed back.

The gate is hung by leaving off the center board and placing it through hanger, then nailing to the cross-pieces of gate.

Saving the Value of Manure.

Hauling manure directly to the field as soon as made and scattering it is the safest method of handling. By this method nothing is lost by fermentation and very little by bleaching. When the manure is plowed under the fermentation takes place slowly, and no nitrogen is lost. The carbon dioxide and acids produced unite with the other elements in the soil and result in more plant food being made available. All the organic matter is saved for humus in the soil.

Making Mulch of Litter.

Don't burn up any kind of coarse litter that accumulates around the feedyard, but save to mulch different plants in the garden. If some manure is mixed with the litter, so much the better. Such mulch will make melons, cucumbers and many other plants bear more heavily and will save cultivation after they are well started.

FARM NOTES

Don't depend upon the frost-bitten pasture; there is nothing in it.

A little neglect at this time of year may start a long winter of loss.

The pinch of a frosty night will make a big hole in the pocketbook.

Store the ladders under cover, but give them a good coat of paint first.

A bolt through a weak tree crotch may save a split tree—if applied in time.

A piece of zinc put on the live coals in the stove will clean out the stovepipe.

A hard collar is not as hard upon the shoulders of a horse as one that is unevenly padded.

An extra feed increases growth, if of a suitable kind, and makes larger animals at maturity.

Banana oil, applied to any metal surface with a soft brush, is an excellent rust preventive.

Bring the cultivator in when the first row has been cleaned out. No time like the now-time for that.

Fall plowing helps to destroy the grasshopper broods that otherwise would do damage another season.

As soon as the late frosts have killed all the plants, take them up and burn them to destroy as many insects as possible.

The value of any fertilizer depends upon what it is made of. It cannot furnish food to crops unless it has the food to furnish.

Odd News From Big Cities

Stories of Strange Happenings in the Metropolitan Towns

Mine Fraud Gang Gets Many Millions



NEW YORK.—Three hundred thousand dollars of easy money pour into the offices of fraudulent mining stock brokers of New York every day, according to conservative estimates made by Post Office Inspector Warren W. Dickson, in charge of the New York division. In the last three years \$100,000,000 has been filched from the pockets of small investors and women. Thirty million dollars went into the coffers of one concern alone. A hundred million went to all of them during the three years preceding the panic of 1907.

The estimate is that the fraudulent operations this year will be \$73,000,000, and the figures are on the increase.

A so-called "suckers' list," bearing the names of 250,000 who have "bit" and will probably bite again, is the most-prized asset of the big concerns that do the business. Under a working "understanding" they all have access to the same list of victims.

The magnitude of the fraudulent operations has caused the postal authorities to concentrate a strong force in opposition to the bogus mining concerns.

Censorship for the Moving Pictures



ST. LOUIS.—Very few of the many thousands of persons who nightly attend the moving picture shows and see the words, "Licensed by the National Board of Censorship," flashed on the screen at the end of a film know what the sentence means. They have a vague idea that the film has undergone some sort of scrutiny. They do not know whether the work has been well or indifferently done, except as they judge from the film that has just been shown.

The line flashed on the screen is in reality a seal of respectability, for the films that receive the approbation of the board are supposed to have had all objectionable features removed, if there were any that needed removal.

Twice a week, on Mondays and Fridays, the censorship committee meets to pass on the films. Before a film is shown printed cards are passed around

Little "Cowboy" Meets Tragic Death



CHICAGO.—It was a game of "Indian." In the fertile imagination of four-year-old "Captain Jack" Sexton, the alley was peopled with hawk-eyed savages and the red-skinned scouts looked down menacingly from the tops of the neighboring buildings. A war bonnet showed above an adjoining fence, but a well aimed shot from a wooden rifle laid its wearer in the dust.

To the little band led by "Captain Jack" the scene was not in the rear of the Sexton home at 6455 Ingleside avenue, but was instead in the vague plains of the west, where once the Apache left his bones beside those of his pale-faced enemy. To them the fire around which they romped was a camp fire, and beyond the circle of its light lay all the dangers of a trackless wilderness.

But rescue came too late, though the child was hurried to the hospital and tender hands cut the charred cowboy suit from the senseless form and dressed the seared flesh.

And while his broken hearted mother knelt weeping at his bedside "Captain Jack" entered that uncharted land more vast than all the plains beneath the sun.

Women Carry Dolls Instead of Dogs



PARIS.—The very latest is to carry a doll instead of a dog. The foolish craze began in Paris a month ago. The idea originated in the cracked brain of that same King of Fashion who is guilty of originating the hobble skirt. Babies? Such things must be left at home in charge of the nurse.

These dolls that have ended the day of the pet dog are wondrous affairs. They have a very decorative effect and are the most expensive toys that the woman of fashion has had to play with. The dolls themselves are worth only a few dollars. They have bisque features, human hair and reversible joints, and are about thirty inches high. But they are gowned complete by the most celebrated modists in Paris. Here the cheapest sell for \$80.

cerns. Inspector Dickson, formerly stationed at St. Louis, who was the first man to put a check on the "green goods" game, has been placed in charge of the New York department. As a warning to the "suckers" he has told about the "Suckers' Directory." "Down in Pine street," he says, "there is today a well furnished office, most conservative in appearance, the 'Suckers' Directory' of the fraud gang. The man in charge of the office has never been suspected of his calling, and none of his associates believes that it is anything but legitimate. I am informed that the list of names is now nearing the quarter million mark, and growing daily. As soon as the concern puts out more literature, they consult the directory in order to get quick returns. Whenever a new victim bites his name is added to the list.

It seems that all a person has to do is to have a full page in a metropolitan paper advertising a bonanza, then scatter smaller advertisements through the country periodicals, usually reproducing the New York advertisements, with the statement: 'Look what New York thinks of our investment,' for the money to begin to pour in. The 'Suckers' Directory' does the rest. There are skyscrapers in this city where bags of United States mail are carried in every day laden with checks and money orders, and not one penny of it gets outside the pockets of the promoters."

to the censors. On them may be registered either absolute approval or disapproval, or any features that might be considered doubtful or objectionable noted.

If there are all approvals, the film is, of course, passed without further ado. If there are all rejections, it is, with a little ado, thrown out. But if only certain parts come in for either absolute disapproval or doubt such portions as they object to must either be stricken out entirely or modified according to their suggestions.

In practise the manufacturers find that the best means of avoiding trouble is to secure the ideas of the censors before the film is produced. It is possible to do this, because a scenario is made out for each film, just as if a drama were to be presented at a theater.

To produce these picture plays, regular companies of actors are formed, just as if they were to have speaking parts in a theater. Their parts are made out for them, and they are caged—not in words, but in action. Now the careful manufacturer sends his scenarios to the censors for approval, or for modification, if considered necessary.

Clad in a yellow "cowboy" suit with a gaudy fringe of scarlet tassels, "Captain Jack" crouched with ready rifle, his face flushed with enthusiasm as he scanned the landscape for a hostile face.

But the enemy was nearer and more subtle than even his childish imagination had pictured, and fanned by a fatal gust of wind the "camp fire" stretched out a flaming tongue and touched the flimsy garment of the little Indian hunter.

There was a shout of warning from the other children, and a scream of pain from "Captain Jack." As the flames spread over him he started running for his mother, but was caught by James Bennet, who was passing the house, and who smothered the fire with his coat.

But rescue came too late, though the child was hurried to the hospital and tender hands cut the charred cowboy suit from the senseless form and dressed the seared flesh.

And while his broken hearted mother knelt weeping at his bedside "Captain Jack" entered that uncharted land more vast than all the plains beneath the sun.

From there they run up to \$200 each. Add the \$50 duties and transportation to New York and they will sell there at from \$150 to \$250. Their originator argues that they will give an incentive to women to spend more money in dress—it will raise the standard of sartorial taste. As if wealthy women needed to spend any more on dress than they do today!

The only drawback about the new fad is the weight and size of the dolls. They weigh about twenty pounds and a toy Pom weighs six, but the doll keeps still and the dog doesn't. Those of the 400 who lack muscle will take their dolls about in their motor cars, only carrying them when they alight for a languid shopping expedition.

Those women who set the fashions in Paris, the favorites of visiting kings and lesser potentates, first appeared at the swagger restaurants with the dolls. Immediately the "high world" had to imitate the "half world." Proprietors of New York shops returned home with the bejeweled dolls and the fad is on. London has already taken up the craze.

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WANTED SATAN SENT NORTH
 Good Example of Scottish Humor in Remark Made by Railroad Porter.
 Scottish humor is dry rather than boisterous, and I always think there is exquisite drollery in the story of the Stonehaven railway porter and the Salvation Army "captain." To catch the hang of a little yarn readers must remember that Stonehaven lies to the south of Aberdeen. The London train had drawn up at Stonehaven on account of a slight mishap a mile or two ahead, and Andra, the old porter, had got into conversation with a Salvation Army officer who had popped his head out of the compartment to ask the reason for the delay.
 "Aye, aye," mused Andra, after giving the desired information, "ye'll be for Aberdeen, I'm thinkin'?"
 "Yes, my man," was the reply; "I'm bound for Aberdeen—a very wicked place, I'm told!"
 "What might ye be goin' to dae there, sir, if it's as bad as a' that?" asked Andra, rather amused at the visitor's words.
 "Ah," was the pious answer, "I'm going to drive the devil out of Aberdeen."
 Like lightning came from the old porter the pawky retort:—
 "See an' drive him north, chiel; haud him well to the north!"—Exchange.

One of the Producers.
 "You should endeavor to do something for the comfort of your fellow-men," said the philanthropist, "without thought of reward."
 "I do. I buy umbrellas instead of borrowing them."
 It is perhaps better to build air castles than to have no ambition at all.

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