

QUININE

Get a bottle of Quinine today. It is the best medicine for malaria, fever, and all other ailments. It is pure and safe, and it is the only medicine that is guaranteed to cure these diseases. It is the best medicine for all tropical countries.

ABSORBINE

Get a bottle of Absorbine today. It is the best medicine for all skin ailments, including eczema, psoriasis, and itching. It is pure and safe, and it is the only medicine that is guaranteed to cure these ailments. It is the best medicine for all skin ailments.

OF INTEREST TO MOTHERS

The cost of food today is a serious matter to all of you. To cut down your food bills, and at the same time improve the health of your family, serve them the **Skinner's Macaroni** and **Spaghetti** two or three times per week. It is the best possible food for adults, children, and babies. It is the best possible food for all. It is the best possible food for all. It is the best possible food for all.

THICK, GLOSSY HAIR FREE FROM DANDRUFF

Try **Wilton's Dandruff** today. It is the best medicine for all hair ailments, including dandruff, itching, and hair loss. It is pure and safe, and it is the only medicine that is guaranteed to cure these ailments. It is the best medicine for all hair ailments.

Not Worth Much

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Why Wait

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CROSSING GATES PAINTED BLACK AND WHITE

Instead of painting the gates at grade crossings white, as has been the common custom, several railroad companies are now painting them black and white. Each of the long arms is marked with wide stripes, or bands, which are alternately black and white. The purpose of this change is to make the crossing guards more conspicuous. Against a background of light-colored gates are almost sure to attract attention in any light. It is said that this change already has lessened the number of accidents at crossings.—Popular Mechanics Magazine.

AIDS SECTION MAN

INVENTION DOING AWAY WITH MUCH OF HIS HANDIWORK.

Gasoline Section Car One of First Machines to Relieve Trackman of Some of Difficulties Under Which He Labored.

Compelled to do his work by primitive hand methods that have changed little since the beginning of railroading, the railroad trackman has most unfavorably situated of all laborers. In recent years a change has been taking place, a change that is fast placing the trackman in the position that his skill and experience and him to—that of a skilled mechanic. As in many other lines of work this introduction of power-driven machinery for doing the work formerly done by back-breaking hand labor.

QUEER LOCOMOTIVES IN USE

Duplex Double Boiler Type Being Employed on Grade Between Orizaba and Esperanza.

The operation of the 4 per cent grade between Orizaba and Esperanza is interesting from the use of locomotives of the Fairlie duplex double-boiler type. The latest of these engines, built by the Vulcan Iron Works in England, have six 48-inch driving wheels under each end, with a wheelbase of 9 feet 3 inches for the entire engine. The weight is about 153 tons in working order, with a tractive power of 69,134 pounds. The four cylinders are 19 by 25 inches. The boiler is a single structure having two barrels back to back, each with a diameter, set feet 41-16 inches by a firebox 5 feet 11-16 inches by 4 feet 6 inches. While there are two independent fire-crown-sheets, so that water circulates freely between the two barrels and there is ample depth of water over the steep grade. The trainload for one engine on the 4 per cent grade is 340 tons. The whole weight is supported by short rigid wheel base with the minimum of wear. The articulation of the underframes and the movement longitudinally and vertically. The fuel demand is fully 20 per cent less than for two ordinary engines.

ANIMALS SHOW GOOD SENSE

Intelligence Better Displayed Along Lines of Railroads Than Anywhere Else.

There is probably no place where the real intelligence of animals is better displayed than along the railroads. The following is one of many illustrations constantly occurring to demonstrate that fact.

A few summers ago, the engineer of a local passenger train ambling along on one of our branch lines of the Southern tier, when rounding a curve, the right of way. She was standing head lowered in the center of the track with avoid striking her—she knew the value of live stock increases when off and came to a stop but a few feet from where she was standing. The efforts of the freeman to drive her from the track were futile. She simply turned and proceeded calmly down the track followed by the freeman pelting her with stones, but without effect. The performance continued for possibly half a mile, until hearing a bridge discovered a diminutive calf struggling to extract itself from between the ties where it had fallen. With the assistance of the engineer the freeman quickly lifted the youngster from its perilous position and placed it along side the track. He was watched gratefully by the mother cow, who—then, freeman, licked his hand, and with her rescued offspring ambled contentedly away.

Third Arm of the Army.

No country in the world is so well supplied with alert young wireless States. It is estimated that there are more than 150,000 wireless stations, large and small, scattered throughout the country.

For each of these outfits there is at least one intelligent operator, so that America must contain an immense army of wireless experts.

The government at Washington has force of loyal and alert young men may be made extremely valuable in organizing a vast signal system.

This new third arm of the army is called the Junior American Guard, which already comprises nearly 10,000 members.—New York Telegram.

Off-the-Tray Luncheons.

For the benefit of persons making extended railroad journeys, who wish dining-car rates permit, a western railroad has inaugurated what it calls an "off-the-tray" service. Waiters pass through the tourist cars and chair cars bearing large trays laden with coffee, milk, pies, cakes, etc. It is especially appreciated by women traveling with small children, and by those who would like to supplement their lunches with a hot drink or a dessert.—Popular Mechanics.

Cheese Men Find Rennet Substitute.

At cheese factories in Ontario search for a substitute for rennet has followed the cutting off by the war of Europe. Nearly as good results from reported from peepsin, especially scalded, and this costs only half as much. It can be used either alone or combined with such rennet of home production as can be obtained. The peepsin is dissolved in water slightly above four ounces to 1,000 pounds of milk.

Why He Preferred It.

"How do you like my new gown?"

"Not nearly so well as your old one, my dear."

"What is there about the old gown you like better than the new?"

"The old one is paid for by my dear."—Detroit Free Press.

Unlooked-for Success.

"Did you ask that girl to marry you as you said you would?"

"No; I had cause to reconsider my intention."

"What was the matter?"

"She asked me first. You know, this is leap year and she beat me to it."

On the Dards.

"Do you think they will pass a suit under the proposed law?"

"I don't know, but I think they will."

DAIRY FACTS

KICKING COW EASILY CURED

Three Different Methods Suggested for Treatment of Unruly Animal by Kansas Expert.

(By LESLIE ROSS, Kansas Experiment Station.)

Care and patience will do much to cure the kicking cow.

The kicking cow is easily cured by the proper methods. To cure the offspring in one end of it or a trunk strap cow. Draw it tight. The cow usually will jump a little at first, but when she finds she cannot get out of the rope she will stand—and cannot kick. This method once in a while causes the cow to give bloody milk. If this happens place the rope or strap between the udder and draw it up in the same manner. With some cows this cannot be done because of the shape of the udder. Another method is to hobble the cow by passing the rope around each leg behind the udder, and tying just above the hocks. This is, however, rather dangerous for the man tying the rope. After the preventive measure has been repeated a few times the cow will stand readily to be milked.

HOGS DIFFICULT TO CONTROL

When Animal Once Acquires Habit of Getting Out of Enclosure He Is Hard to Restrain.

When a hog once gets the habit of getting out of its yard, pasture or one of the most difficult animals to control. You can stop a brash hog or cow if you build a fence high enough, but a hog goes through it. Of course if the fence is so tight at first that the hog could not get through, it won't bother you the second and forty-ninth time. Insufficient or irregular feeding, or falling to supply something which the animals crave in the feed makes hogs restless and ready to take the first chance of exploring the outside world to find in their troughs.

It saves time and patience to keep them contented and at home.

WARTS MAY BE TROUBLESOME

They May Be Entirely Removed by Smearing Them Thickly With Undiluted Olive Oil.

Warts on the teats are often troublesome in milking, besides adding to the danger of increasing the possibility of contaminating the milk through infection. They may be greatly benefited or entirely removed by smearing them thickly with pure olive oil.

If they are large, and still persist despite this treatment, they may be cut off with a sharp pair of scissors, and the spot touched with a stick of caustic potash.

They may be oiled now, and the caustic potash treatment repeated as often as necessary to prevent their renewed growth.

HOLSTEIN BREED IS FAVORED

They Are Best Able to Rough It Where Roughage Is Plenty and Grain Feeds Are Scarce.

Every dairy breed of cows has certain advantages and for this reason no "best breed" can be named because conditions vary even in the same state. But for a region where roughness is

COLTS RESPOND TO FEEDING

Size of Animal Determined First Winter After Weaning—Aim to Build Up Big Frame.

No farm animal will pay more for abundant feeding than the colt. The first winter after weaning, the ultimate size of the colt is largely determined. We understand that the French Percheron breeders feed as much as ten pounds daily of bran and oats to their weanling colts.

The object of feeding the weanling colt is to induce the formation of a big frame, with heavy musculing. Our aim is not fat. Therefore, we prefer to feed some bran, old meal, and oats in connection with corn. For this reason, also, we prefer a good quality of clover or alfalfa hay to timothy hay. In connection with timothy or clover, we would feed a mixture of five parts of corn, three parts of oats, five parts of bran, and two parts of oil meal; while in connection with good clover or alfalfa hay, we would make parts of oats, two parts of bran, and one part of oil meal.

To a colt of draft ancestry, designed for market, we would feed at least five winter, and, the winter wears on, ten pounds.—Allace's Farmer.

FEEDING ALFALFA TO SWINE

Some Arrangement Ought to Be Made to Prevent Hogs From Dragging Hay Around Underfoot.

In feeding alfalfa hay to hogs some arrangement must be provided to prevent them dragging the feed by dragging it around underfoot. A rack with upright two-by-fours far enough apart for the hog to pull the hay through will prevent waste. It should be easily moved by hand to avoid having the hogs always eat at the same place. Quite a broad bottom will be necessary or the rack will get tipped over too often for the owner's serenity of mind.

PRUNE OUT ALL DEAD LIMBS

They Are in the Way at Picking Time and Make Crop Look Diseased—Paint All Wounds.

Dead limbs take a great deal of water from growing apple trees. They are in the way at gathering time and make the whole crop look diseased. If caused by canker, the disease will spread to other parts of the orchard. Prune them out now and paint the wounds.

PRUNING OF GREAT BENEFIT

Iowa Orchards Pruned Annually Gave Average Returns of More Than \$125 Per Acre.

An orchard survey in an Iowa county showed that it paid to prune trees annually; that the orchards pruned more than \$125 an acre, whereas orchards pruned occasionally or not at all gave a return of slightly less than \$55 an acre.

Pruning Strawberries. Intelligent pruning is just as important in the strawberry field as it is in the orchard. The tip ends of the roots should be cut off before plants are set.

Nursery at Ottumwa. Apple orchards are better than any other kind of fruit trees.

CHOICE VARIETIES OF PEARS

Excel Most Apples in Rich, Juicy Texture and Delicacy of Flavor—Bartlett Is Leader.

(By G. E. BRACKETT.)

The pear has long been regarded as one of the most luscious of the many kinds of fruit brought under cultivation. The choice varieties excel most apples in rich, juicy texture and delicacy of flavor, and for Loth dessert or in the fresh state, the pear is considered a great acquisition. With a careful selection of varieties and with proper selection of varieties and with fruit its season of use may be extended from midsummer to late winter without resorting to artificial means of preservation.

Two distinct classes or types of the pear are now grown in this country: (1) the European and (2) the Asiatic, or Oriental.

The European type is a native of Europe; from it most of our domestic varieties have sprung. Pears of this class are well adapted to the New

SECKEL PEAR, BARTLETT PEAR.

England, States, New York, Pennsylvania and other states southward and westward to California, Washington, Oregon and Idaho. In the states named beyond the Rocky mountains extensive commercial orchards have been planted with choice varieties of this class of pears, the Bartlett leading plants.

The Asiatic, or Oriental, type is of comparatively recent introduction. In its natural condition it is scarcely an edible fruit and must receive an admixture of our improved European varieties in order to render it at all acceptable.

BEST NEW STRAWBERRY BEDS

Plants Produced During Current Season Should Be Selected—Set Out in Spring.

Young strawberry plants produced during the current season are best for comes from horticultural department of the Nebraska College of Agriculture. The greater part of the root system of the plants over one year old plants formed this summer will be fall or spring.

A blanket of three or four inches of straw put on after the ground freezes firmly will stop much of the ground during the winter. A portion of the mulch may be removed in the spring when growth first begins.

CORNCOBS MAKE GOOD MULCH

Splendid Protection for Raspberries and Blackberries—They Will Keep Down Weeds.

Corncobs make a splendid mulch for raspberries and blackberries. Spread them they will keep down weeds the following spring and summer and retain as any other medium. By replacing beneath soon rot.

Still another advantage of such a mulch is the clean underfooting it provides for pickers.

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FOR "BACKWARD"

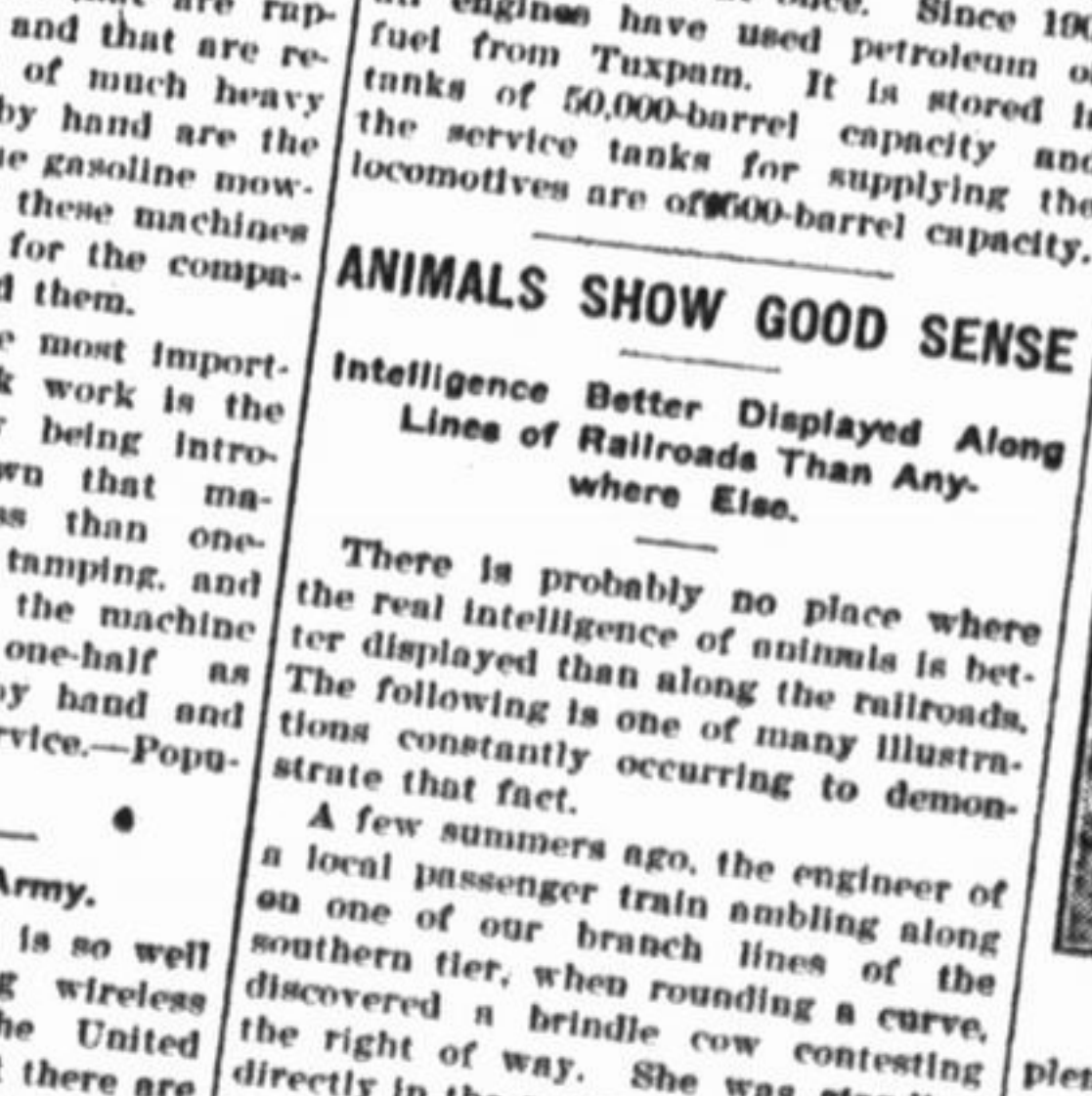
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KOW-KUR

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High Producing Holstein.

plenty and where grain feeds are liable to be scarce Holsteins are preferred because they are best able of all the dairy breeds to "rough it."

In localities where hay is costly and fodder scarce the smaller dairy breeds would be preferable to the Holstein.



Well-Fed Colts.

meal; while in connection with good clover or alfalfa hay, we would make parts of oats, two parts of bran, and one part of oil meal.

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DAIRY NOTES

Poor cows are never clean.

No dairy was ever too clean.

The cows should have a chance to go seek it.

The cows should have a chance to go seek it.

A thorough chilling now will disqualify a herd for profit during the whole winter.

The breeding bull always represents half the value of the breeding power of the herd if it is desired to grow calves for the dairy.

Calves intended for the dairy should not be made fat as weans, and they should be allowed to become stunted all the time.

A good price for a superior bull is money well invested. The difference between the price of a strictly high-class sire and an inferior one is made in the first lot of calves.

It is hard to make some men realize the great influence of a good, pure-bred sire in a herd. The sire is more bred, every heifer inherits from him good butter traits.

Buying a bull without knowing the record of his dam is apt to result in that will improve the herd.

A carload of grain is worth \$250. A carload of butter is worth \$5,000. Convert your grain into butter and save the freight on 10 cars.

All milk should be great under its proper label. It will under its proper label. It will under its proper label.



Wool and Lamb Prices.

The great increase in the prices quoted for wool and lambs is attracting unusual attention to the possibility of raising sheep in those sections where the industry has been on the decline for years.

Most Profitable Pig.

Purchased pig for \$10. It got out in that part of it. It got out in that part of it.



SECKEL PEAR, BARTLETT PEAR.

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