

When to Kill Hogs

The best time to kill hogs is just soon as the season is cold enough winter the cost of increase in weight is greater than in summer, and the nearer the approach of the animal to maturity the slower it gains in proportion to food consumed.

#### Plants Affected With Insects.

Window plants that appear yellow or do not have a healthy appearance are overmatured or affected with in-sects. The pots should be examined in order to discover if the drainage is perfect. It is not necessary to have the earth wet, but simply moist, and to allow the earth to dry some will do no harm. The dust in the rooms will settle in the leaves of the plants. which makes it necessary to give each plant a thorough washing occasionally.

### The Solids in the Milk.

Although the law may fix a minimum percentage of solids in the milk sold in market, yet milk varies accord-ing to the kind of cows and the food and water allowed. It is possible to water milk through the cow, and the milk from one cow will vary day after day. The highest percent of solids in milk found in England when tests were made was 14.49 and the lowest was 11.02. The proportion of fat ranged from 2.20 to 4.85 percent, showing that some of the milk was more than twice as rich in cream as others in the United States the percentage of both solids and fat have been greater where tests have been made.

#### Make the Pig Grow.

Give the young pigs a good start. It will be to your interest to do so. A young pig that has once been stunted will never wholly outgrow it, no matter how good the subsequent care may be. Any animal being grown for meat should have feed enough to make a good gain every day from birth to slaughter. If there is ever a time in that animal's life when no gain is being made in weight, all feed consumed during that time is practically lost, for the profit all comes from the feed that makes the gain above the amount required to maintain the animal's needs. In other words, a certain amount of feed necessary to keep the animal alive, and the profit must all come from the little extra feed that makes the gain in flesh. A young animal will gain more on a given quantity
of feed than an older animal on the same feed. I think we might safely say the younger the animal the greater the gain for the feed consumed. That is why it pays better to feed young stock.—Swine Advocate.

There is some cause why hens suddenly stop laying, though certainly not always a lack of food, as the cessation may happen in a single day. Neither is it due to disease, as the hens may be very healthy. It is nothing more nor less than a lack of warmth, the heat produced from food being necessary to keep up the animal heat, leaving nothing toward the production of eggs.

A certain amount of heat is due e body of the fowl and should the building not be sufficiently warm. then that food which should go toward producing eggs is devoted toward supplying heat for the body.

One cold night with insufficient pro

tection for the hens will stop their laying for fully a week, this occasioning a loss far greater in the end than would have been the cost of a warm

Don't neglect the hens in winter if you expect to have them lay eggs. Watch carefully for each sudden change in the weather and change house accordingly. During the keep the hens hustling from daylight till dark and the cold will have no effect on the egg supply. Let the morning feed be very light,

only one-third of a full meal, then it will not be difficult to keep them busy .- Home and Farm.

## The Wastes on American Farms.

American farmers are the most wasteful in the world, and American farming the most wasteful business in our wasteful country. They waste land by keeping many acres unused on which they waste money by pay-ing taxes. They waste their crops by leaving a large portion to die and dry up in the fields, or they leave their grain standing until wasted by wind, rain, insects and fungi, or shock it and leave it to take the weather as it comes. They waste seed after sav-ing to feeding it in a wasteful manner. They waste fertility of their fields by careless methods of cropping, while the home supply of manure is permitted to waste by means of sun and rain. They waste their substance by buying on credit (for which privilege they pay a liberal tax in over-charge) or borrowing money for which they have to pay interest as well as principal.

They waste tools and implements by leaving them exposed to weather, and then must further waste valuable time working ineffective tools. Waste is found in the kitchen and in every department of the household as well as in the fields and barns. The success
of German farmers, Chinese farmers or farmers from any other country is mainly attributable to their practice of a system of farm economy, learned where economy or starvation were al-ternatives. Here the alternative is not so exacting. It is merely economy or comparative poverty. In this country comparative poverty. In this country Sixty bus a farmer may live and emerge from the of starch.

year's business without actual loss, and a foreigner or several horses, or enough to fatten a beef or two, or several hogs. Rigid economy may not be actually imperative here, but it is -Farm and Ranch

### The Value of a Clover Sed.

The report of the weight of stubble and roots on a clover field after the last crop had been taken off in the autumn, as found in the experimental farm of the late John B. Lawes at Rothamstead, England, has often published, but it has been so long since we have seen it that it will probably be new to many of our readers. They found in the stubble and waste on the surface of the ground 2669 pounds per acre. In the first nine inches below the surface 3017 pounds. In the next nine inches 275 pounds, and in the third nine inches 191 pounds, or in all 6152 pounds. Accordanalysis this vegetable matte would have enough phosphoric acid for more than two average crops, enough nitrogen for more than four average crops, and potash enough for more than six average crops of wheat. Thus we can see the value of a clover sod plowed under for the wheat or corn crop. If the clover, which pro-duced 5000 pounds of hay to the acre, had been plowed in that would have added 108 pounds of nitrogen, 28 pounds of phosphoric acid, 97 1-2 pounds of potash, 96 pounds of lime and 34 1-2 pounds of magnesia, but it would certainly be more profitable to feed out the clover to animals and save their excrements to use on the land .- American Cultivator.

### Winter Rhubarb.

Do you like rhubarb? Do you remember how pleasant it seemed in the early spring days when nothing like it was to be had? Would it be pleasant to have it even earlier, when the first spring fever comes on, or as winter begins to slacken its grip? Can you spare two or three hills from the garden? there ought to be plenty there, so that they will not be missed. If so, go and dig up these hills, or even one large hill, at the time when the ground freezes. Let it lie on top of the ground exposed to the cold until thoroughly frozen, then take it to the cellar, bank ing a little moist earth around the roots. Some of the weaker crowns and roots may first be trimmed away, will not produce good since they stalks. If there is a furnace in the cellar, long before spring comes these hills will produce fine stalks. They will waste no energy in extra leaf sur face; nearly all will be bright, crispy stalk.

If the cellar is too cold and they are slow in coming, a barrel may be set behind the kitchen stove, one hill placed in this and a canvas thrown over the top. If the appearance of a barrel in the kitchen is objectionable, a more pretentious cabinet may be made of lumber, which will answer the same purpose. Simply see that the soil is kept moist, and soon there will be rhubarb ready for harvesting. That which remained in the cellar will be along a little ahead of that outside, even if the cellar is cool, and in either case will well repay the slight effort needed to get it.—Fred W. Card, Rhode Island Agricultural Experiment Station.

## To Kill Weeds

It is not quite safe to plunge into the use of chemicals for the destruction of weeds. It is possible to do more harm than good. We have known some fine trees, vines and shrubs to be killed by the careless use even of kerosene and of common salt. Mr. L. R. Jones names some solutions, with directions as to the strength and use, that are worth preserving. "In fields," he says, "weeds can usually be killed more cheaply by cultivation or digging, and chemicles used in sufficient amount to destroy the weeds are liable to in jure the grain. An exception to this lies in the use of blue vitriol to destroy kale in grain fields. It is said that a 3 percent solution of blue vitriol in water sprayed over a weedy grain field will kill the kale without injury to the grain. We have not tested this ourselves as yet, but propose to do so this summer. The hawk weed or paint-brush may form another noteworthy exception, since it is readily killed by sprinkling with salt in an amount which does not injure the grass. In general we advise cultivation to destroy the hawkweed,

Chemicals may be used most advantageously in gravel walks, drives, ten-nis courts, paved gutters and similar places. Common salt, applied dry, can be used for the purpose, but it requires so heavy an application that it is liable to wash into and injure adjacent grass borders. Either of the following solutions are more effective than salt. more enduring in their action and do not wash. They may be applied with a watering pot attherate of about eight gallons to the square rod, and one or at most two such applications dur ing the season will entirely prevent weed growth.

(a) Crude carbolic acid, one pint in four gallons of water. This is very powerful and quick acting, but not quite so lasting in effect as the next. It may be objected to on account of odor; this disappears after the first day, however. (b) Arsenate of soda, one pound in eight gallons of water (c) White arsenic, one pound; washing soda, two pounds; water, nine gallons. Practically the same as (b), less convenient but a little cheaper.--Farm, Field and Fireside.

Nearly 16,000 tons of potato-starch are tyrned out in the United States. The potatoes used for starch are the small and injured ones of the crop bushels of them yield a barret

### RESEMBLANCE.

With anguish sweet, full oft I trace Resemblance in a tiny face; And kiss, despite the quick surprise, 'Neath lashes long, the velvet eyes.

There's one whose voice evokes my tears, (My mother calls across the years) So patient, cheerful, tender, true, Its music stirs my grief anew.

—Harriet Hathaway, in Harper's Bazar.

#### HUMOROUS

Sillicus-He is always talking about nis ancestors. Cynicus—It's too they can't retaliate.

Nell-I don't care for Mr Rounder. He seems to lack repose. Belle—Well, I don't imagine he gets much.

"Louise, is your new modist artis-ic?" "Artistic! Why, she makes frocks which get out of style in two weeks." Mrs. Bjones-How do you like this

material? It is changeable silk. Mr Bjones—Good! Then if you don't like it you can take it back.

Tommy-Pop, what are the dark ages? Tommy's Pop-I suppose it's when people reach the period when they want to keep their age dark. Prison Visitor—My poor man, how did you get in here? Convict—Hard

to engage a first-class lawyer to de-Housekeeper-I'd just like to know why you go tramping through the country? Mouldy Mike—Well, mum, I've heard that these 'ere palace-cars

luck. I didn't manage to steal enough

is rather stuffy, mum Schoolmaster-Now Muggins Minor. what were the thoughts that passed through Sir Newton's mind when the apple fell on his head? Muggins—I expects he wuz awful glad it warn't a brick.

Scribbler-Have you decided on a name for your new novel yet? Scraw-ler—Yes; I've decided to call it "The Last Chapter." Scribbler—I suppose your idea is to have all the women read it first.

Blobbs-What a changeable person old Queercus is. He never seems to know his own mind from one minute to the next. Slobbs—Mere force 64 habit. You know he used to be connected with the weather bureau.

A teacher had told a class of juve-nile pupils that Milton, the poet, was blind. The next day she asked if any of them could remember what Milton's "Yes'm," replied great affliction was. one little fellow, "he was a post

"I wish I could live at grandma's "I wish I could live at grandma's all the time," said little Mable, after being corrected by her mother for dis-character. "Why so?" asked her mother. "Couse," replied Mable, "I don't have to mind a word she says.'

### CIRCUMSTANTIAL EVIDENCE.

The Interesting Case of a Black Cat and Neighboring Families Estranged.

This is a tale to demonstrate that circumstantial evidence is not always good evidence. It caused a rupture of friendly relations between two that was finally adjusted by the merest accident.

But hereby langs a tale which in-

volves the question of circumstantial evidence, and that murder will out.
There are two Baltimore families in the western section of the city liv-ing next door to each other who for a season did not speak as they passed by, but are now on the most amicable ad all this on account of a

black cat. These two housewives may be designated as Mrs. A. and Mrs. B., the former being the owner of the cat in question, by which much store was set. It appears that Mrs. B. objected to the frequent visits to her back yard made by Mrs. A's cat and one day it is alleged that she was overheard to say that she would poison the intruder that very night. It followed next morning that the cause of annoyance was discovered on the back lot as dead as Julius Caesar. Now, what other inference could

Mrs. A. draw but that Mrs. B. had put her threat into execution? That the deed had been done by Mrs. B. there existed no doubt in the mind of her next door dweller, and so she straightway accused her neighbor of

This Mrs. B. vigorously denied. The result was that all neighborly inter-course came abruptly to an end. So much for circumstantial evidence.

Now what happened subsequently is the sequel which restored friendly relations between the two families A gentleman living in the same block had a pet canary at this time. One evening he discovered a big black cat in his room. But this was not all, for the cat was then and there making a meal of the bird. Now what was more natural than for the gentleman to slaughter the destroyer of his feathered songster, caught red handed, as it were, in the very act? A short time after this latter occur rence the owner of the canary incldentally related to Mrs. A. the loss of his pet bird and how he had slain a black cat on a particular evening.

All doubts having been now re-moved Mrs. A. lost no time in acquainting Mrs. B. with the facts in the case and so the two ladies kissed and made up .- Baltimore Sun.

## Machinery in Shoemaking.

Machinery is now extensively used in boot-making, making 100 pairs of men's cheap-grade boots in 154 1-2 hours, against 1436 3-4 by hand, while the labor cost is reduced from \$400 to \$35. In women's boots the case is equally marked, for instead of one man being employed to do everything there are 140 engaged, each on a dif-ferent machine operation; but only is the time taken to 100 boots reduced parent machine operation; but only is the time taken to 100 boots reduced less than a tenth what it was, but less than a

\*Electric Ray Cure.
One of the novelties in medical treatment is the "electric ray cure." The Princess of Wales recently gave an expensive apparatus to the London Hospital, and now every day patients may be found comfortably seated in reclining chairs in a circle around the "light room." From the ceiling an electric lamp is suspended, with lenses so arranged as to concentrate the light upon the sufferers. A nurse stands behind ch patient and presses a glass lens on the spot under treatment

It is confidently asserted that the large decrease in infant mortality in this coun-try during the past decade has been brought about in no small measure by the universal use of Castoria—it being in almost every home.

Trees are obliged to branch out for themselves.

Don't drink too much water when cy cling. Adams' Pepsin Tutti Frutti is a excellent substitute.

It seems queer that the more weight a man gains the more ungainly he becomes.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflamma-tion, allays pain, cures wind colic. 25c. a bottle

A rolling stone gathers no moss, but a rolling mill usually gathers the dust.

Piso's Cure to. Consumption is an infallible medicine for coughs and colds.—N. W. SAMUEL, Ocean Grove, N. J., Feb. 17, 1900. There are ninety-six cities in Cuba of over 1000 inhabitant.

## Frey's Vermifuge, 25 Cts.

Eradicates worms, Children made well and nothers happy. Druggists and country stores. There are five routes from London to Paris.

Carter's Ink has a good deep color and it does not strain the eyes. Carter's doesn't rade. In Marion, Ind., a law firm bore the

The Best Prescription for Chills and Fever is a bottle of GROVE'S TASTELESS CHILL TONIC. It is simply iron and quinine in a tasteless form. No cure—ne pay. Price 50c.

## Bad Manners in London Streets.

Weak, nervous and elderly people are often made very uncomfortable by the overcrowding of the London pave ments in the more frequented parts. ments in the more frequented parts, while busy men are driven to de-spair by the obstacles to direct walking. Of late the inconvenience experienced has been increased by the fact that the public of London are on the whole, less orderly and wellmannered than those of a previous generation. The deterioration of pullic manners of the men, and especially of the boys, in the streets is a subject of constant remark among those whose memory carries them back fifteen years.—The Lancet. emory carries them back only ten or

Ages of British Cabinet Officers. Here are the ages of some of the nembers of the British Cabinet: Lord Halsbury, seventy-five; Lord James of Hereford, seventy-two; Lord Salisbury, seventy; the Duke of Devonshire, sixty-seven; Chamberlain, sixty four; Lord Ashbourne, sixty-three; Sir Hicks-Beach, sixty-three; Mr Ritchie, sixty-two; Lord Cadogan, sixty; Levd Lansdowne, Lord G. Hamilton and Hanbury, all fifty-five; A. J. Palfour, fifty-two; Lord Balfour, of irleigh, nity-one; Akers-Douglas, forcy-nine; Lord Londonderry, forty-eight; Gerald Balfour, forty-seven; Long, forty-six; Broderick, forty-four, and Lord

ASK for the full name, "Hunyadi János."

Criminal statistics show that Italy

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NURMALLY—A half to a teaspoonful in half a unitoler of water will in a few minutes cure Grangs, spasms, Sour Stonach, Nausea, Vomiting, Hearthurn, Nervonness, Steeplessness, Sick Husdache, Diarrhors, Colie, Flatniency and all internal pains. There is not a remedial agent in the world that will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will cure fever and ague and all other instantiants will be a second ague and all other fever and ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and all other instantiants will be a second ague and a second ague an

ADVERTISING PAYS -NYNU 53

Colds, Sore Throat, Stiff Neck Catarrh, Toothache Neuralgia

There are to-day 45,000 lapdogs in the city of Paris. They have almost as a uch attention after they are dead as curing their comfortable lives. The dog's owner pays ten francs a year to the city during its life. If it takes sick it is taken to a special clinic for the treatment and housing of dogs in poor health. After it dies it is taken to a cemetery which is kept in excellent condition from the proceeds of the money obtained from the price paid for the burial plot.

PUTNAM FADELESS DYES do not spot, streak or give your goods an unevenly dyed ap-pearance. Sold by all druggists.

The Philadelphia directory shows nine men who bear the Thomas Thomas and eleven known as Robert Roberts. But William Williams outnumbers them both, as there are eighty-six citizens thus named.

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Best For the Bowels.

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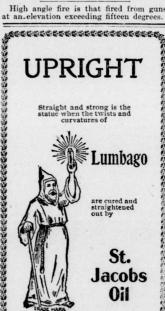
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Search For the Missing.
A friend of mine has a half sister of whom she was speaking one day to a caller, who came in with her little boy. The child listened allently, and then with a perplexed face, he asked: "Why, where's the other half?"-Worcester Spy.

A Woman's Only Secret.

The only secret a woman never tells is that the man that everybody thinks she refused to marry didn't ever even propose to her.—New York Press.

## Quickly Cures Colds

Neglected colds always lead to something serious. They run into chronic bronchitis which pulls down your general health; or they end in genuine consumption with all its uncertain results.

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