**POULTRY and Dairy Produce**
of all kinds wanted. Write for our
*CASH OFFER*
**Pearson-Page Co.** PORTLAND OREGON.

**SECOND-HAND MACHINERY**
Bought, sold and exchanged; engines, boilers sawmills, etc. Send for Stock List and Prices. THE J. E. MARTIN CO., 83 1st St., Portland, Or

**Go Into Business For Yourself**
We put our capital behind you. You sell our extra quality goods direct from wagon to home. Liberal terms—easiest selling line—biggest cash receipts—best profits. Business is pleasant, permanent, healthful. Grows better every year.
**No Experience Needed. You Can Earn $50 to $200 Per Month**—We train you *free* in selling. Choice territory open in your state. Splendid opportunity for men of good habits and appearance, 21 to 50 years old—Clerks, School Teachers, Clergymen, Mechanics, Farmers and others. Write today.
McCONNON & CO. 340 3d St. Winona, Minn.

### Couldn't Resist.

A trained ostrich recently disconcerted its exhibitor at a London music hall by continually endeavoring to break away from all restraint and to climb over the footlights into the orchestra.

The widely advertised act came to a sudden end, and the professor emerged from behind the curtain and apologized for the actions of his pet in about these words:

"Ladies and gentlemen: Hi am very sorry to disappoint you this hevening. We are compelled to cease our hengagement until the management hengages a new orchestra leader.

"The one at present hemployed 'as no 'air on top of 'is 'ead, and my bird takes hit for a hegg."—Philadelphia Public Ledger.

**Free to Our Readers**
Write Murine Eye Remedy Co., Chicago, for 48-page Illustrated Eye Book Free. Write all about Your Eye Trouble and they will advise as to the Proper Application of the Murine Eye Remedies in Your Special Case. Your Druggist will tell you that Murine Relieves Sore Eyes, Strengthens Weak Eyes, Doesn't Smart, Soothes Eye Pain, and sells for 50c. Try It in Your Eyes and in Baby's Eyes for Scaly Eyelids and Granulation.

### Poor Man.

President Elliott of the New Haven railroad, condemning socialism, said:

"Man is an acquisitive animal, and socialism can't come till he loses his acquisitiveness. That will be never.

"The seven ages of man have been well tabulated by somebody or other on an acquisitive basis. Thus:

"'First age—Sees the earth.

"'Second age—Wants it.

"'Third age—Hustles to get it.

"'Fourth age—Decides to be satisfied with only about half of it.

"'Fifth age—Becomes still more moderate.

"'Sixth age—Now content to possess a six-by-two strip of it.

"'Seventh age—Gets the strip.'"—New York Tribune.

In proportion to its weight California redwood is the strongest conifer so far tested at the United States forest products laboratory. This strength is due to its long fibers.

Madras, India, has an electric street railway with 14 miles of track, employing 700 persons.

**A VALUABLE SUGGESTION**
**IMPORTANT TO EVERYONE**

It is now conceded by physcians that the kidneys should have more attention as they control the other organs to a remarkable degree and do a tremendous amount of work in removing the poisons and waste matter from the system by filtering the blood.

During the winter months especially, when we live an indoor life, the kidneys should receive some assistance when needed, as we take less exercise, drink less water and often eat more rich heavy food, thereby forcing the kidneys to do more work than Nature intended. Evidence of kidney trouble, such as lame back, annoying bladder troubles, smarting or burning, brick-dust or sediment, sallow complexion, rheumatism, may be weak or irregular heart action, warns you that your kidneys require help immediately to avoid more serious trouble.

Many physicians claim that an herbal medicine containing no minerals or opiates has the most healing influence. An ideal herbal compound that has had most remarkable success as a kidney and bladder remedy is Dr. Kilmer's Swamp-Root.

You may receive a sample bottle of Swamp-Root by Parcels Post. Address Dr. Kilmer & Co., Binghamton, N. Y., and enclose ten cents; also mention this paper.

**Make Your Boy Happy**

Let him play in overalls with never a care in the world and you will make him a healthy, happy boy. Be sure to buy him
**Two-Horse Brand Overalls**
The kind that is made for comfort and long wear.
A New Pair **FREE** If They Rip

*Made By*
LEVI STRAUSS & CO., San Francisco



WHEN writing to advertisers, please mention this paper.

## DYNAMITE FOR STUMPS

**IF JUDGMENT IS USED IT MAY BE HANDLED WITH SAFETY.**

**Never Under Any Circumstances Undertake to Thaw Explosives Before Fire or in Stove—Always Follow Printed Directions.**

(By GEORGE ROBERTS.)

In the use of dynamite for ridding land of stumps, one cannot be too careful in handling the dynamite and the caps used to set it off. If good judgment is used, it may be handled with perfect safety. It should be stored in a dry, well-ventilated place, where the temperature will not rise above 90 degrees F. The caps should be kept in a separate place, as they are much easier set off than the dynamite. It is unnecessary to tell most persons that dynamite should be protected from heavy jars, and should not be stored where any shooting is likely to be done. A few years ago a carload of dynamite was exploded at Jellico, Tenn., by a boy firing into the car with a 22-caliber rifle.

Most dynamite freezes at a temperature between 40 and 50 degrees F. Some brands will freeze at about the freezing point of water. Frozen dynamite should not be used. Never attempt to thaw it until printed directions, which come with every box (and if no directions are inclosed, obtain them from your dealer), have been thoroughly studied.

Never under any circumstances undertake to thaw dynamite before a fire or in a stove.

About the only tools needed are an augur and a tamping rod. An old broom or hoe handle are satisfactory. Never use a hammer or any other object for driving the tamping rod.

The hole is bored at an angle of about 45 degrees, so that the charge

Position of Auger in Boring Hole.

will come under the center of the stump. If stumps are hollow, of course the charge will have to be located under some firm part of the stump. Some blasters throw a log chain tightly around the hollow stumps to facilitate their removal.

The amount of dynamite to be used depends upon several conditions: The character of the stump; the character of the soil, and whether it is wet or dry; whether the stump is green or partly decayed, and the nature of the root system. Therefore it is manifestly impossible to give specific directions as to the amount of dynamite to be used. The amount of dynamite required to blow stumps of the same kind in the same soil does not vary directly with the diameter, but more nearly with the square of the diameter, or, in other words, with the area of a cross section of the stump. The area of a cross section of a stump 48 inches in diameter is 16 times as great as the area of a cross section of a stump 12 inches in diameter. However, only judgment developed by experience can determine how much of the explosive shall be used in a given case. The blowing of green stumps is from two and one-half to three times as great as for dead ones.

## WINTER RATION FOR TURKEYS

**Only Sufficient Food Should Be Given to Keep the Birds in Good Healthy Condition.**

(By C. E. BROWN, Poultryman, Northwest Experiment Station, Crookston, Minn.)

During the winter season the stock turkeys should be fed and watered twice a day. Only sufficient food should be given to keep them in good healthy condition. When winter is over it is advisable to feed them a small amount of grain each evening to encourage them to return to their roosting quarters and thus prevent them from wandering away with other flocks. The following ration is a good one for the turkeys: Mix equal parts by weight of corn or barley, oats and wheat screenings, and in addition to this green food should be supplied once a day. For this purpose mangels, cabbage or clover leaves are the best. Grit and water should be supplied at all times.

### Valuable Clover Crop.

As a soiling crop, to be hauled direct from the field to the manger, clover has no equal, except possibly alfalfa. As a green manure crop, it is especially valuable. As a usual thing, failures with clover can be attributed to a lack of knowledge, or inattention to, the details of its growing. It is to the apparently "little things" that the most successful clover growers attribute their success.

### Breeding Places.

The old decaying apple trees in the orchard are veritable breeding places for all sorts of fruit pests. Keep them well chopped out, using them for firewood this winter and replacing them with new, healthy trees.

### Paddock for Stallion.

Every stalion should have a paddock to run in, especially if he does not get regular exercise.

**TAKES OFF DANDRUFF, HAIR STOPS FALLING**

**Save your Hair! Get a 25-cent bottle of Danderine right now—Also stops itching scalp.**

Thin, brittle, colorless and scraggy hair is mute evidence of a neglected scalp; of dandruff—that awful scurf.

There is nothing so destructive to the hair as dandruff. It robs the hair of its lustre, its strength and its very life; eventually producing a feverishness and itching of the scalp, which if not remedied causes the hair roots to shrink, loosen and die—then the hair falls out fast. A little Danderine tonight—now—any time—will surely save your hair.

Get a 25-cent bottle of Knowlton's Danderine from any drug store. You surely can have beautiful hair and lots of it if you will just try a little Danderine. Save your hair! Try it!

### A Sign of Poverty.

They were talking about poverty a few evenings ago, when Congressman Gilbert N. Haugen of Iowa told of an impression a man from the rural wilds once got on visiting the city.

The ruralite, the congressman said, had gone to the town on a long anticipated visit, and when he returned he had much to relate of city ways and what he saw.

"They put on all kinds of fancy frills up there," he narrated to the eager crowd at the corner store, "but I don't believe they hev got half the money they pretend ter hev."

"Well, do tell," wonderingly exclaimed one of the eager listeners. "Ye don't really mean it, Jake?"

"Yaas," was the convincing rejoinder of Jake. "One night I went by a house thet looked purty big, but jes ther same ther people in it were so darned poor thet two wimmen was playin' on one pianner."—Philadelphia Telegraph.

**To Break in New Shoes.**
Always shake in Allen's Foot-Ease, a powder. It cures hot, sweating, aching, swollen feet. Cures corns, ingrowing nails and bunions. At all druggists and shoe stores, 25c. Dont accept any substitute. Sample mailed FREE. Address Allen S. Olmsted, Le Roy, N. Y.

### True Art.

A painter of the "impressionist" school is now confined in a lunatic asylum. To all persons who visit his studio he says, "Look here, this is the latest masterpiece of my composition." They look, and see nothing but an expanse of bare canvas. They ask: "What does that represent?" "That? Why, that represents the passage of the Jews through the Red sea." "Beg pardon, but where is the sea?" "It has been driven back." "And where are the Jews?" "They have crossed over." "And the Egyptians?" "Will be here directly. That's the sort of painting I like—simple, suggestive and unpretentious."—Argonaut.

**THINK OF THE MILLIONS**
that have been relieved in the past 75 years by Wright's Indian Vegetable Pills and decide whether they are not worth a trial. They regulate the bowels, stimulate the liver and purify the blood. Adv.

Willie was struggling through the story in his reading lesson. "No, said the captain," he read, "it was not a sloop. It was a larger vessel. By the rig I judged her to be a-a-a-a-a-a—"

The word was new to him.

"Barque," supplied the teacher.

Still Willie hesitated.

"Barque!" repeated the teacher, this time sharply.

Willie looked as though he had not heard aright. Then, with an apprehensive glance around the class, he shouted:

"Bow-wow!"—Detroit Free Press.

Putnam Fadeless Dyes color in cold water.

The countess of Warwick astounded a gathering made up largely of society recently by an address in which she said she never wears feathers or the plumage of birds, or furs, owing to the cruelty of the fur trade, adding:

"I do not want dead birds or beasts hung around me as a decoration."

The countess was speaking in support of the movement for bird preservation.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

### "Reasonable" Defined.

"What do you understand by the word 'reasonable'?"

"Reasonable," replied Mr. Dustin Stax, "is an adjective that may be applied to any theory or request that I may have to present."

**10 CENT "CASCARETS" FOR LIVER AND BOWELS**

**Cure Sick Headache, Constipation, Billiousness, Sour Stomach, Bad Breath—Candy Cathartic.**

No odds how bad your liver, stomach or bowels; how much your head aches, how miserable you are from constipation, indigestion, billiousness and sluggish bowels—you always get relief with Cascarets. They immediately cleanse and regulate the stomach, remove the sour, fermenting food and foul gases; take the excess bile from the liver and carry off the constipated waste matter and poison from the intestines and bowels. A 10-cent box from your druggist will keep your liver and bowels clean; stomach sweet and head clear for months. They work while you sleep.

### Man's Setbacks.

Men never get a fair deal. If, for instance, a baby happens to have a good disposition, every one will insist that it takes after its mother.—Atchison Globe.

**PISO'S REMEDY** 25 CTS.
Best Cough Syrup. Tastes Good. Use in time. Sold by Druggists.
**FOR COUGHS AND COLDS**

## FIND VALUE OF DAIRY COWS

**Only Accurate Way Is by Use of Milk Scales and Babcock Test—Business Methods Necessary.**

(By R. G. WEATHERSTONE.)

The value of a dairy cow depends upon the amount of milk and butter fat she produces and the quality of calves she raises as compared with the cost of her keep. Judges of dairy cattle can in the majority of cases select very good cows from very poor ones, but in the intermediate grades even men most familiar with the so-called dairy type make grave mistakes. If there were no other means of judging the value of dairy cows except by external appearances, profits in dairying would be more a matter of chance than is now the case. The only accurate way we have of determining the value of dairy cows is by the use of the milk scales and the Bab-

A Graphic Illustration at a State Fair. The Exhibit Showed the Amount of Butter Produced by Three Cows—A Poor, a Good and an Exceptionally Good Cow. The Amounts Produced Were 12 Pounds, 360 Pounds and 800 Pounds, Respectively. In Which Class Are Your Cows?

cock test. With this clean, accurate and convenient method of finding the fat content of milk, no dairyman can afford not to know just what his cows are doing.

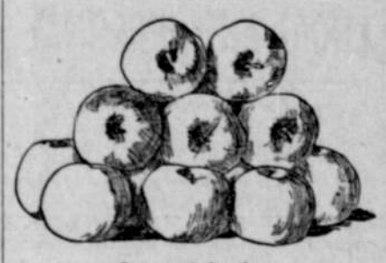
The desirability of testing cows has been urged for many years. Scores of examples could be cited where testing has meant increased profits. It is generally accepted that many dairy cows yield inadequate returns and that their removal from the herd would be a profit. The easy means of detecting the "robbers" (the Babcock test and scales) are well known and yet some dairymen go right on letting the old cow pay what she wishes for her feed. It is not enough that the herd pay a profit. Each cow in the herd should be contributing her share toward the total profit. Until dairymen come to recognize that adequate business methods are necessary they need not hope for success.

## PLANT AND FRUIT DISEASES

**Many People Still Ignorant of Benefits to Be Derived by Spraying for Fungus, Scab, Etc.**

With all the publicity that has been given in recent years to the subject of plant and fruit diseases and the demonstration of the value of spraying, it is surprising how many people there are who still imagine that sooty fungus, blotch, scab, etc., are only natural characteristics of the fruit, and who seem slow to believe that such imperfections may be prevented to a large extent by thorough applications of fungicides, writes W. Ballard of the Maryland experiment station.

In the same connection he also states that the lime-sulphur solution was not as effective as a summer spray as the Bordeaux mixture in that



Sprayed Apples.

section of Maryland where the station is located, and suggests that to escape Bordeaux injury that the first two sprayings after the petals have fallen the lime-sulphur solution should be used and the latter sprayings.

When the fruit is near maturity and less liable to suffer from Bordeaux injury the Bordeaux sprayings should be made.

## USE OF GREEN FERTILIZERS

**Most Approved Method of Renewing Depleted Soil Is by Plowing Under Some Green Crop.**

The plowing under of green crops like peas, oats, clover, alfalfa and other grasses, is, next to a liberal use of barnyard manure, the most approved method of renewing a depleted soil, and of maintaining the fertility of new land.

Where this is practiced in connection with a rotation of crops there need be no fear of any deterioration in the soil. Indeed, if a sufficiency of live stock is kept and the products of the farm mainly transformed into beef, mutton and poultry before being sold, the land will grow richer and more valuable with each successive year.

### Profitable Cows.

In a profitable dairy herd some cows may be good enough to pay their own board bill and that of two or three unprofitable cows as well. They can all be made to pay by the use of scales and the Babcock test.

### Sell the Poor Sheep.

Have you any sheep that are not paying their keep? Sell them off. Half a dozen poor sheep make a big hole in your profit, especially if you keep a small flock.

**THAT "Blue" Feeling**
When you feel discouraged and all the world seems to be against you—that's your system's way of telegraphing you that something is WRONG and needs HELP.

It may be that your liver is tired and refuses to work, or your digestive organs have had too much to do and need care. Perhaps you have been eating the wrong kind of food, and your blood is too rich or impoverished. What you need is a tonic.

**Dr. Pierce's Golden Medical Discovery**
will give the required aid. Tones the entire system. The weak stomach is made strong. The liver vibrates with new life. The blood is cleansed of all impurities and carries renewed health to every vein and nerve and muscle and organ of the body. No more attacks of the "blues." Life becomes worth while again, and hope takes place of despair.

*Insist on getting Dr. Pierce's Golden Medical Discovery. Sold by dealers in medicines.*

*President, World's Dispensary Medical Association, Buffalo, N. Y.*

**END STOMACH TROUBLE, GASES OR DYSPEPSIA**

**"Pape's Diapepsin" makes Sick, Sour, Gassy Stomachs surely feel fine in five minutes.**

If what you just ate is souring on your stomach or lies like a lump of lead, refusing to digest, or you belch gas, and eructate sour, undigested food, or have a feeling of dizziness, heartburn, fullness, nausea, bad taste in mouth and stomach-headache, you can get blessed relief in five minutes. Put an end to stomach trouble forever by getting a large fifty-cent case of Pape's Diapepsin from any drug store. You realize in five minutes how needless it is to suffer from indigestion, dyspepsia or any stomach disorder. It's the quickest, surest stomach doctor in the world. It's wonderful.

More than one-half of the money derived from England's income tax is collected from Londoners.

Australian shipments to the United States are expected by the Oceanic Steamship company to increase rapidly under the new American tariff, which is causing that line to plan a new 10,000-ton vessel for the trans-pacific service.

Until recently the greatest ocean depth known was south of the Island of Guam—9635 meters. A few months ago the German imperial ship Planet found a depth of 9780 meters 40 miles north of the Island of Mindanao.

**BIRD MANNA**

Makes Canaries Sing—restores their health and feathers. 'Tis the great secret of the Andreasberg. Sold by all druggists. Mailed for 15c. in coin or stamps.
A BOOK ON CAGE BIRDS, 120 pages, 150 illustrations, a plate of fancy canaries in their natural colors. Full information as to song and rare canaries. How to breed them for profit. Hints on their diseases and how to cure them. All about Parrots and how to teach them to talk. Mailed for 15c. or both for 25c. Phila. Bird Food Co. 400 N. 3rd St., Philadelphia, Pa.

**Lumbago-Sciatica Sprains**

"The directions says, its good for lumbago too,—Sloan's cured my rheumatism; I've used it and I know." Do you use Sloan's?

**Here's Proof.**
"I had my back hurt in the Boer War and two years ago I was hit by a street car. I tried all kinds of dope without success. I saw your Liniment in a drug store and got a bottle to try. The first application caused instant relief, and now except for a little stiffness, I am almost well."—*Fletcher Norman, Whittier, Calif.*

**Instant Relief from Sciatica**
"I was kept in bed with sciatica since the first of February, but I had almost instant relief when I tried your Liniment."—*W. H. Hawkins, Frankfort, Ky.*

**Sprained Ankle**
"As a user of your Liniment for the last 15 years, I can say it is one of the best on the market. Fifteen years ago I sprained my ankle and had to use crutches, and the doctors said I would always be lame. A friend advised me to try your Liniment and after using it night and morning for three months I could walk without a cane and run as good as any of the other firemen in my department. I have never been without a bottle since that time."—*Mr. William H. Briscoe, Central Islip, N. Y.*

**SLOAN'S LINIMENT**

At all Dealers. Price 25c., 50c. and $1.00
Sloan's Instructive Book on horses, cattle, poultry and hogs, sent free.
Address, DR. EARL S. SLOAN, Inc., BOSTON, MASS.

Year rings on the scales of fish are used in Norway and France to determine the age of sardines, whether they have reached their full growth and when they will spawn.

More than 12,000,000 American women are affiliated with societies for mission work in foreign fields.

In Argentina it is possible to lease not more than 49,421 acres of public land and to purchase directly 6178 acres of pasture land or 494 acres of agricultural land.

New York last year registered 133,000 auto owners and collected $1,275,000 in fees from them.

**All Blood Disorders Quickly Driven Away**

**Astonishing Results With the Greatest Blood Purifier Ever Discovered.**

**Strength, Power, Accomplishment are all Typified in S. S. S.**

Some blood disorders become deeply rooted in the glands and tissues, and the mistake is made of resorting to drastic drugs. These only aggravate by causing other and worse troubles. A host of people know this to be true. They know from painful experience.

To get right down into where the blood is vitiated requires S. S. S. the greatest blood purifier ever discovered.

This remarkable remedy contains one ingredient, the active purpose of which is to stimulate the tissues to the healthy selection of its own essential nutriment and the medicinal elements of this matchless blood purifier are just as essential to well balanced health as the nutritious elements of the meats, grains, fats and sugars of our daily food.

Not only this, but if from the presence of some disturbing poison there is a local or general interference of nutrition to cause boils, carbuncles, abscesses and kindred troubles, S. S. S. so directs the local cells that this poison is rejected and eliminated from their presence.

Then, too, S. S. S. has such specific stimulation on these local cells as to preserve their mutual welfare and a proper relative assistance to each other.

In a very brief time S. S. S. has the reconstructive process so under control that remarkable changes are obseved. All eruptive places heal, mysterious pains and aches have disappeared, and from head to foot there is a conscious sensation of renewed health.

From the fact that S. S. S. is purely a botanical preparation, it is accepted by the weakest stomach and has great tonic influence. Not one drop of drugs or minerals is used in its preparation. Ask for S. S. S. and insist upon having it. And if you desire skillful advice upon any matter concerning the blood and skin write to The Swift Specific Co., 205 Swift Bldg, Atlanta, Ga. Do not allow some zealous clerk to larrup the atmosphere in eloquence over something "Just as good" as S. S. S. Beware of all counterfeits.