

SOUR, ACID STOMACH, GASES OR INDIGESTION

Each "Pape's Diapepsin" Digests 3000 grains food, ending all stomach misery in five minutes.

Time it! In five minutes all stomach distress will go. No indigestion, heartburn, sourness or belching of gas, acid, or eructations of undigested food, no dizziness, bloating, foul breath or headache.

Pape's Diapepsin is noted for its speed in regulating upset stomachs. It is the surest, quickest stomach remedy in the whole world and besides it is harmless. 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 and most harmless stomach doctor in the world.

Practical Papa.

The talk at a recent smokefest was about the practical side of things.

"Reminds me," smilingly remarked Congressman Joseph A. Goulder of New York, "of a certain suffragette, not one of the antique species, but a soft, tender little thing who has just joined the jubilee and is correspondingly enthusiastic."

"One evening she returned home and rushed up to the old man, who was comfortably reading in a big armchair."

"Oh, papa," she exclaimed, "you should have been with me tonight! We are preparing to sweep the country!"

"Sweep the country?" responded the old man, with a puzzled expression. "Who's preparing to sweep the country?"

"Why, the suffragettes, of course, came the proud rejoinder of the pretty one."

"Oh, I see," was the cold, hard reply of practical papa. "It is a commendable impulse. You might begin with the dining room and parlor."—New Orleans States.

Lions and tigers are too weak in lung power to run more than half a mile.

Anyone can install it. **SUN** A child can operate it.

File home with soft beautiful brilliant light, at lowest cost. Safe, clean, economical, efficient. Gravity Lamp. Also, Gas, kerosene, alcohol, kerosene, and details of our Special Premium Offer.

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Horrible.

"Oh Henry," she said when she had thrown off her wraps and flung herself into a chair. "I'm so mortified."

"What's the matter, dear?" "I met Mrs. Biggles at the reception this afternoon, and she seemed so nice that I stood there before the crowd for half an hour and talked to her. When we were leaving her chauffeur drove up in an old four-cylinder car and after she had taken her seat in it she called out right before everybody that she would expect me to call on her soon."—Cleveland Record-Herald.

The largest railway station in Europe, estimated to cost \$35,000,000, is now under construction at Leipzig, Germany. This station is designed to serve as a terminal for all the railways entering Leipzig.

At 10 cents a drink the United States liquor bill figures \$859,800,000 for the year. And the value of all the bread made in the bakeries of the country was but \$396,865,000.

The traffic of the Rhine between Strasbourg and the Holland frontier amounts to the enormous total of 40,000,000 tons annually.

Brass farthings were authorized by English law in the year 1613. They were suppressed as worthless about 40 years later.

More than 3,000,000 gross of pencils are annually made in Philadelphia.

Dr. Pierce's Pleasant Pellets cure constipation. Constipation is the cause of many diseases. Cure the cause and you cure the disease. Easy to take.

His Status.

Mrs. Honk—Colonel Hook is a congressman at large, isn't he? Farmer Honk—Yes, they haven't arrested him yet.—Puck.

Athena is to have a municipal slaughter house, to cost \$600,000.

FARM FACTS AND THEORIES

Lamb Creep May Be Conveniently Constructed in Cattle Herd Method of Drying Off Cows

By W. R. GILBERT

THE LAMB CREEP is an invaluable institution. It may be conveniently constructed in a cattle herd with rollers at the side so that the frisky lamb does not hurt itself during ingress and egress.

THE BEST method of drying off a cow is to feed her on dry food, and reduce the milking periods to once daily. Smearing the udder with tar is an old-fashioned method. Others used to bleed the cow, and give a dose of one pound Epsom salts.

Fortunately nature herself most frequently determines the length of the milk of the milking period. A cow begins to go stale, and good farmers do not consider it profitable to have cows that breed regularly more than ten months in lactation.

WHEN the cow is frisky with the tail at milking it is a good plan to tie it to the leg. Modern hygiene has no faith in a whisked tail during milking. It disturbs the loose hairs, and shakes the dust off the coat into the milk pail.

ACCORDING to Wolff, the food standard for milk cows of 1,000 pounds live weight is 24 pounds dry matter, of which 2.5 pounds is protein, 12.5 pounds carbohydrates, and four per cent fat. This is equal to an albuminoid ratio of 1:5.38.

THE LONGHORN is good for both the butchers and milk-production where quality is a main consideration. It is a good butter-making breed, and the best may be depended upon to produce from 14 to 18 pounds a week.

TROUBLE-MAKERS IN SPRING

Late Plowing Will Destroy Many of Over-Wintering Species of Destructive Garden Insects.

Very often the first pests in the field in spring are the ones that are most to be feared. With many species of destructive insects, the over-wintering individuals come out with the first warm weather and lay eggs for a host of destructive progeny later. One adult less in the fall may mean five hundred descendants out of the way.

Late plowing will do the work. It does not follow that it is always feasible or possible to fall plow all fields that have suffered from the ravages of insect pests. Weather conditions or the demands of crop rotation sometimes make it out of the question. But if it can be done, there is a great deal to be gained by it.

Many pests may be subdued, partially at least, by this operation. The corn root louse is one of these. It is



Potato Ruined by Wireworm.

a tiny, soft-bodied, fragile creature and depends for its existence on the care given it by the little black or brown ants always found with it. Late plowing breaks up the nests of the ants, at a time when they are sluggish and unable to gather together again. The colonies of lice, left without their keepers, cannot survive the winter.

Wireworms and white grubs spend the winter in the ground. The former are slender, cylindrical worms, yellowish or brownish in color, tough and wiry-looking. The latter are white and thick-bodied with one end some-

Benefits of Rotation.

Rotation of crops should be practiced to increase the humus and nitrogen in the soils. If a large part of the produce raised be fed to live stock and the manure carefully returned to the fields, there are few sections of our whole country that will yield better profits for farming than in the north central states.

Avoid Colds.

Look out that the young stock does not crowd in the roosting coops or hen houses and overheat. If they crowd together and get too warm during the night they catch cold as soon as they are let out in the morning and their strength is reduced by the heating.

Bad Practice.

Experience has shown that, when the brood sows are permitted to run with the fattening hogs during the summer and fall right up to farrowing time, poor litters of pigs are farrowed. Many of the pigs are born dead, and many others do not survive more than a few days.

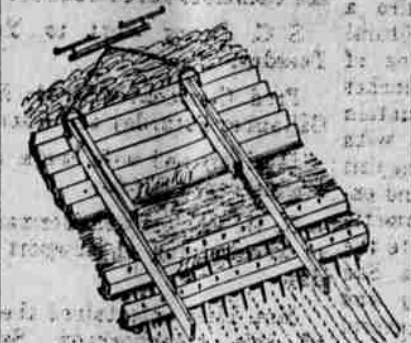
what dark and heavy. Cutworms winter in the soil as half-grown worms. Wireworms are also beneath the surface of the soil during the winter season. Grasshoppers are in the egg stage, forty or fifty eggs in pod-shaped masses, an inch or so below the surface. In the garden the squash borer is in a silk cocoon in the soil. All of these and many other insects, are disturbed by late plowing, buried deep or left upon the surface for birds to find or frosts to kill.

GOOD HOME-MADE IMPLEMENT

Drag, When Properly Weighted, Answers for Roller and Harrow—Puts Soil in Fine Condition.

By J. W. GRIFFIN

This is one of the best home-made implements; not the best made, but the best implement that I ever saw.



Drag and Harrow.

I have been a close observer, and have given the greater part of my time in the last thirty years, to the study of farm labor, improvements, and short cuts in practical farming. Under all conditions, when advisable to use the harrow, this implement comes in at first place. It has been some twelve or thirteen years since I first called attention to the drag and harrow combined. At first I made several with a roller attachment. The roller was hitched to the harrow. But after using this one season, I come to the conclusion that the drag, when properly weighted, answered for the roller. Then the sharp teeth of the harrow left the soil in the finest condition possible.

With the accompanying pen drawing, it will hardly be necessary to go into details in regard to making one of these. Although I will give the dimensions of the timbers. For ordinary use, a width of six feet is sufficient. But, on perfectly level, or land that is practically free of trash and stumps or stones, one as long as eight feet can be used to an advantage.

Material required: Six pieces 1x10-inch plank, 6 feet long, planks.

Two pieces 3x3-inch hard wood, 6 feet long, beams for harrow.

Two pieces 2x6-inch cross beam for harrow, to planks.

Two pieces 2x6-inch cleats to which planks is made.

Twenty-three pieces five-eighths-inch square harrow teeth, 12 inches long.

Eight one-half-inch bolts, 10 inches long.

Two one-half-inch bolts 5 inches long.

Two one-half-inch bolts 7 inches long.

Two 4-inch cleaves.

Two pounds 10 penny nails.

The beams that connect the harrow with the planks is worked on a bolt at (x. x.) which permits the harrow being raised to remove trash.

Shipping Poultry.

Where farms are more remote from the city markets, a profit can be derived by shipping to the larger cities. In these days of excellent railroad facilities, any poultry plant within 100 miles of a city can reap the benefits of good prices, just as much as those located within easy drive. The cost of shipping is easily offset by the reduced cost of conducting such a plant away from highly taxable land.

Cleanliness of Cement.

A cement trough for the hog lot is one of the greatest little improvements about the farm. It is easy to make, easy to clean, never gets out of order and is readily disinfected. You can build it yourself. Another and better arrangement is to have an automatic watering device with a tank made of galvanized iron, mounted on a sled, and movable from place to place.

Land for Sheep.

If your land is high and rolling, and the soil is clay loam with a subsoil of limestone, raise sheep. This kind of ground furnishes a great variety of grasses that are greatly relished.

Dairy Calf Often Overlooked.

Many dairymen and farmers fail to appreciate the great importance of spending thought and feed in the development of the dairy calf during the first six months of its life.

Steady Income.

The dairymen has an income nearly or quite 52 weeks in the year.

FOUR SPECIAL DISHES

SELECTED RECIPES THAT ARE OF MERIT.

Mushrooms With Eggs Always Appreciated—Salmi of Lamb a General Favorite—Stewed Plums Excellent Dessert.

Mushrooms With Eggs—Break a dozen fresh mushrooms and put them into a stewpan with a tablespoonful of butter, one-quarter of a teaspoonful of salt, pepper to taste and a few drops of lemon juice. Cover the pan and simmer slowly for ten minutes. Then add one cupful of cream and a little chicken or veal stock, and cook slowly until the mixture begins to thicken a little. Then stir in six eggs well beaten and stir until the whole is of the consistency of scrambled eggs. Serve on well-browned toast.

Salmi of Lamb—Cook one tablespoonful of butter with one-half table spoonful of finely chopped onion five minutes. Add 1 1/2 tablespoonfuls of flour and cook until well browned. Pour on gradually one cupful of stock and season with one-fourth of a tea spoonful of pepper and one teaspoonful of walnut catchup. Reheat slices of cold roast lamb in sauce, arrange on a hot platter, having slices overlap one another, and pour sauce over meat.

Union Cake—Two cups sugar, one cup of sweet milk, one cup of butter three cups of flour, one-half cup of cornstarch, four eggs, three level tea spoonfuls of baking powder, one-half teaspoonful of ground mace. Rub butter, sugar, and eggs together, rubbing one egg in at a time; sift in the corn starch and one cup of flour and the milk alternately. Lastly the two cups of flour and the baking powder. Bake in a large pan in a moderate oven, with a paper cap over the top till it is half done.

Stewed Plums—Wipe each plum with a soft, damp cloth and prick it with a fork to prevent bursting. Have the water in the preserving kettle a little more than lukewarm and gently lay the fruit in it. Bring to a gentle boil; cook just long enough for the plums to become tender, but not long enough for the skins to crack. They must be watched carefully. Remove to a deep dish, add a cup of granulated sugar to every quart of liquor, boil to a syrup and pour over the plums.

Venison Steaks and Hash. To hash cold venison, cut the meat in nice, small slices and put the trimmings and bones into a saucepan with barely water enough to cover them. Let them stew for an hour, then strain in liquid into a stew pan, add to it some bits of butter, rolled in flour, and whatever gravy was left of the venison the day before. Stir in some currant jelly and let it boil up, then put in the meat and keep it over the fire just long enough to warm through, but do not allow it to boil, as it has been once cooked already.

Venison Steaks—Cut them from the neck or haunch. Season them with pepper and salt. When the gridiron has been well heated over a bed of bright coals, grease the bars and lay the steaks upon it. Broil them well, turn them once and take care to save as much of the gravy as possible. Serve them with some currant jelly laid on each steak. Have your plates warm.

White Cake. Into a dish put one cup of sugar and one and one-half cups of flour sifted with one rounding teaspoon of baking powder. Into a measuring cup put the whites of two eggs, add butter till the cup is half full and then fill it full of sweet milk. Beat five minutes and bake in a loaf tin in a moderate oven. I frost it with the two yolks beaten, then add confectioners' sugar and a little vanilla till thick enough to spread.

Our Favorite Cake. One-half cup butter, one and one-half cups sugar well creamed together. Add the yolks of three eggs, two-thirds of a cup of milk, two cups flour, one and one-half teaspoons baking powder. Beat all together, then add, folding in, the whites of three eggs beaten stiff. Frost with cooked chocolate frosting, made as follows: Two cups powdered sugar, one cup milk. Boil until it strings, add two teaspoons of cocoa and two teaspoons of powdered sugar with just enough hot water to blend.

Baked Onions in Ramekins. Peel and parboil 12 medium-sized onions; drain; chop. Melt two table-spoons butter; add two table-spoons flour, one-quarter teaspoon salt, one and one-quarter cups cream, four table-spoons soft bread crumbs, one table-spoon chopped parsley. Boil five minutes, add one egg slightly beaten, and the chopped onions. Cool slightly, add whites of two eggs, beaten stiff—more seasoning if needed. Bake in buttered ramekins 20 minutes. Serve immediately.

OREGON NORMAL SCHOOL ANNOUNCEMENTS.

Spring Semester: Begins February 4, 1914. Regular Normal work offered. New classes organized. Regular Normal credits given.

Summer Term: Begins June 22, 1914. Regular Normal work offered. New classes organized. Normal credits given. Methods of teaching elementary subjects of Grades One to Eight, inclusive, emphasized. Courses in rural school methods and management offered.

Information: For further information, address J. H. Ackerman, President, Monmouth, Oregon.

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Girls! Try it! Hair gets soft, fluffy and beautiful—Get a 25 cent Bottle of Danderine.

If you care for heavy hair that glitters with beauty and is radiant with life; has an incomparable softness and is fluffy and lustrous, try Danderine.

Just one application doubles the beauty of your hair, besides it immediately dissolves every particle of dandruff. You can not have nice heavy, healthy hair if you have dandruff. This destructive scurf robs the hair of its lustre, its strength and its very life, and if not overcome it produces a feverishness and itching of the scalp; the hair roots famish, loosen and die; then the hair falls out fast. Surely get a 25-cent bottle of Knowlton's Danderine from any drug store and just try it.

Seeing the Time. Senator Dewey, amid his memories of Thanksgiving, said at Briar Cliff manor: "I remember a Thanksgiving orator, in my boyhood in Peekskill, who worked the reminiscence stop too persistently."

"I've seen the time, my dear friends," the orator said, "when you couldn't go into your pumpkin field without danger of leaving your scalp behind. I've seen the time when tea was \$5 a pound; I've seen the time when you had to carry your gun to church for fear of redskins. I've seen the time when—"

"At this point a voice from the gallery shouted: "And I've seen the time when I've looked at the clock."—New Orleans States.

Plenty to Fall Back On. "I'm afraid my eyes are going back on me," said the egotist. "Don't worry," replied the modest man. "You have an inexhaustible supply."—Chicago Record-Herald.

Quite "Nifty"

That's the way you should look and feel all the time. Nature never intended you to be sickly and run down, with poor appetite, imperfect digestion, clogged bowels and a lazy liver. Stir these organs to healthy action by the daily use of

HOSTETTER'S Stomach Bitters

PISO'S REMEDY FOR COUGHS AND COLDS