

MICA

Axle Grease

takes miles off the road, and weight from the load. Helps the team and pays the teamster.

Practically destroys friction. Saves half the wear that comes from jolting over rough roads, jolting over rough roads, and lengthens the life of a heavy vehicle more than any other one thing.

Ask the dealer for Mica Axle Grease.

STANDARD OIL COMPANY

HOWARD E. BURTON, Assayer & Chemist, 1215 Commercial, Portland, Ore. Gold, Silver, Tin, Lead, Zinc, Copper, Nickel, Platinum, Palladium, and all other metals. Full price list sent on application. Control and purity guaranteed. Telephone 1215. Commercial National Bank.

WISE DENTISTS

MAIN 2028. PAINLESS EXTRACTION. \$1.00. PLATES \$5.00.

There's three ways," observed the philosopher on the cracker barrel, "for a man to hand his name down to posterity. He's got to be a great warrior, or a great statesman, or a great rascal; and, by jinks, once in a while there's a man that's all three."

Not Much to Say. "Yes, sir," said Bragg, "I've decided to have a long talk with the boss and tell him just what I think."

"Is it possible?" remarked Nagg.

"Why? Don't you believe I've got the nerve to tell him what I think?"

"Oh, yes; but if you tell him just what you think how are you going to have a long talk?"—Philadelphia Press.

RHEUMATISM CAN NOT BE RUBBED AWAY

It is perfectly natural to rub the spot that hurts, and when the muscles, nerves, joints and bones are throbbing and twitching with the pains of Rheumatism the sufferer is apt to turn to the liniment bottle, or some other external application, in an effort to get relief from the disease, by producing counter-irritation on the flesh. Such treatment will quiet the pain temporarily, but can have no direct curative effect on the real disease because it does not reach the blood, where the cause is located. Rheumatism is more than skin deep—it is rooted and grounded in the blood and can only be reached by constitutional treatment—IT CANNOT BE RUBBED AWAY.

Rheumatism is due to an excess of uric acid in the blood, brought about by the accumulation in the system of refuse matter which the natural avenues of bodily waste, the bowels and kidneys, have failed to carry off. This refuse matter, coming in contact with the different acids of the body, forms uric acid which is absorbed into the blood and distributed to all parts of the body, and Rheumatism gets possession of the system. The aches and pains are only symptoms, and though they may be scattered or relieved for a time by surface treatment, they will reappear at the first exposure to cold or dampness, or after an attack of indigestion or other irregularity. Rheumatism can never be permanently cured while the circulation remains saturated with irritating, pain-producing uric acid poison. The disease will shift from muscle to muscle or joint to joint, settling on the nerves, causing inflammation and swelling and such terrible pains that the nervous system is often shattered, the health undermined, and perhaps the patient becomes deformed and crippled for life.

S. S. S. thoroughly cleanses the blood and renovates the circulation by neutralizing the acids and expelling all foreign matter from the system. It warms and invigorates the blood so that instead of a weak, sour stream, constantly depositing acid and corrosive matter in the muscles, nerves, joints and bones, the body is fed and nourished by rich, health-sustaining blood which completely and permanently cures Rheumatism. S. S. S. is composed of both purifying and tonic properties—just what is needed in every case of Rheumatism. It contains no potash, alkali or other mineral ingredient, but is made entirely of purifying, healing extracts and juices of roots, herbs and barks. If you are suffering from Rheumatism do not waste valuable time trying to rub a blood disease away, but begin the use of S. S. S. and write us about your case and our physicians will give you any information or advice desired free of charge and will send our special treatise on Rheumatism.

S.S.S. PURELY VEGETABLE

THE SWIFT SPECIFIC CO., ATLANTA, GA.

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W. L. Douglas shoes are recognized by expert judges of footwear to be the best in style, fit and wear produced in this country. Each part of the shoe and every detail of the making is looked after and watched over by skilled shoemakers, without regard to time or cost. If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer, and are of greater value than any other makes.

W. L. Douglas name and style is stamped on the bottom, which protects the wearer against high prices and inferior shoes. Take it as a substitute. Sold by the best shoe dealers everywhere. Full color booklets sent exclusively. Catalog mailed free. W. L. DOUGLAS, Brockton, Mass.

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Ask for Book No. 260. We also have a special catalog of Trees, Shrubs, Etc. Book No. 261 free on request.

The Unfortunates.

The winds that cannot hear the harps they play
Are deaf Beethovens of the solitude;
The flowers that make us happy all the day,
These are the sightless Miltons of the wood! —Smart Net.

Shake Into Your Shoes

Allen's Foot-Powder. It makes tight or new shoes feel easy. It is a certain cure for sweating, callous and hot, itred, itching feet. Sold by all druggists. Price 25c. Trial package mailed FREE. Address Allen S. Dimsted, Lelyst, New York.

Under New Rules.

"I don't know much about your Congressman's official record, but I hear he's a finished parliamentarian."

"He is now, you bet! He was married to Miss Strongmud a few days ago."

PILES CURED IN 6 TO 14 DAYS.

FAZO OINTMENT is guaranteed to cure any case of itching, blind, bleeding or protruding piles in 6 to 14 days or money refunded 50c.

One of the Early Unsettlers.

Aaron Burr was hunting for Blennerhassett's island.

"It's somewhere along here, I know," he muttered, consulting his map again.

Tying his skill to a tree near the top of a neighboring bluff he waited for the Ohio river to subside.

\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is CANCER. Hall's Catarrh Cure is the only positive cure known to the medical fraternity, catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure acts internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

Address: F. J. CHENEY & CO., Toledo, O. Sold by druggists.

Hall's Family Pills are the best.

Feminine Way.

Biffkins—Funny thing about women, isn't it?

Muffkins—Don't know. What's funny about 'em?

Biffkins—Why, during the courtship a woman will fight her relations for the sake of the man she loves, but after marriage she will work her husband for the sake of her relations.

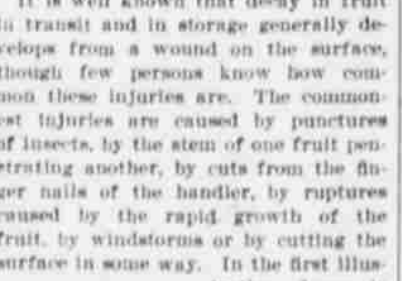


Decay of Apples.

The cure which a fruit is handled in the orchard or plantation and in the packing house is one of the important factors in determining its shipping quality, writes G. H. Powell. It is the one factor above all others that keeps the thick skinned fruits, like the apple and orange, immune from the attacks of the common molds. These fruits do not often decay as long as the skin is whole unless they are weakened by overripeness or by other adverse conditions. The least abrasion or cut in the skin gives the molds a foothold, and, once started, the decay is likely to continue under the most favorable transportation conditions.



It is well known that decay in fruit in transit and in storage generally develops from a wound on the surface, though few persons know how common these injuries are. The commonest injuries are caused by punctures of insects, by the stem of one fruit penetrating another, by cuts from the finger nails of the handler, by ruptures caused by the rapid growth of the fruit, by windstorms or by cutting the surface in some way. In the first illustration decay is shown starting from a cut on the surface of an apple; in the second figure decay occurs around a coding moth injury.



There has been a gradual improvement since the beginning of the fruit industry in the methods of handling the crops. The early crude methods of harvesting and packing are giving way to better methods in the orchard and in the packing houses. There needs to be further improvement along these lines in every branch of the fruit industry.

Feeding Tankage.

Tankage has been found to be a valuable hog feed by a number of our stations. The Iowa station, for example, fed corn and tankage at the rate of 95 parts of the former to five parts of the latter. The tankage was worth \$32 per ton and contained about 42 per cent of protein and 16 per cent of fat; the price of corn meal was \$22 per ton. The experiment was conducted for a period of 49 days. The hogs weighed 205 pounds at the end of the experiment. With the ration containing tankage 100 pounds of gain was produced at a cost of \$4.50, while with corn alone 100 pounds of gain was produced at a cost of \$5.10. These results, therefore, show a saving of 40.8 cents per month per hog in favor of tankage when fed in connection with corn under the conditions mentioned. Besides this, it should be remembered that the manure also became more valuable on account of the amount of protein fed.

Vitality of Seeds.

The persistent vitality of seeds has often been noted, and, while there is some doubt as to the reliability of reports of wheat taken from Egyptian graves of ancient date germinating when planted, many notable, if less wonderful, examples of nature's preservation of the life of seeds come to life from time to time. One of the most noteworthy of these refers to seeds taken from Fort Conger, about 400 miles from the pole, by the Peary party in 1899, having been exposed in this northern climate for a period of sixteen years, their presence there being the result of the Greeley expedition in 1833. Packages of lettuce and radish seeds were brought to the United States, and, after a further period of six years, were planted, and, while the lettuce seed had lost its vitality, fully one-half of the radish seed germinated and grew to maturity and perfection.

Farm Notes.

Good corn is not an accident. It is the result of skill.

The vitality of an ear of seed corn can be learned in only one way—the "germination test."

With sheep as with all food animals, the greatest profit is in early maturity and early marketing.

Under average conditions mutton can be produced at a less cost per pound than beef, and the fleece is clear additional profit.

All waste from the kitchen is wholesome and suitable as food for pigs, but a swill barrel that is never empty is a bad thing to have around.

A Western man has discovered that his poultry does much better when provided a bed spring on which to roost. He says they roost better and thus are made more profitable.

Fall Alfalfa Seeding.

The Pennsylvania Experiment Station has gained much experience in fall and spring seeding of alfalfa, and says that the principal objection to spring sowing is that weeds come up and choke out the young plants before they get a good start. The fall seeded alfalfa on dry land was able to withstand the severe winter climate perfectly—in fact, better than the common red clover. Under average conditions, from 20 to 30 pounds of seed should be sown to the acre. Manure gave better results on Pennsylvania soil than did commercial fertilizer. Lime did not give satisfactory results. In some instances it gave no appreciable results, and in others it was decidedly harmful, but in no case it applied to advantage. Deep, well-drained soils are the best for growing alfalfa.

To Ship Dressed Poultry.

Stock shipped without ice should be packed in clean cases, which should be lined with fresh wrapping paper. Some careful shippers wrap each bird in waxed paper, and such care usually pays, as the stock so packed reaches market in the best condition. Occasionally birds will soften up so much en route that blood will run from the mouth, this softening much of the contents of the case. To prevent this a piece of paper may be wrapped around the head of each bird. Mark all packages with the name of the shipper, kind and number of birds, and net weight. No shipment of poultry, dressed or alive, should be made to reach the market later in the week than Friday morning, except by special arrangement with the dealer.

Thinks Red Hog Best.

A Nebraska farmer thinks the Duroc are the best hogs. He says: The Duroc hog has the ability to make a pound of pork on as small an amount of grain as any hog. By nature he is a better rustler, a hog that is better able to take care of himself than any other, a quality that has been essential on any farm. When I got my first red sow I had the Poland Chinas, and it was noticeable how the red ones were up and about in cold weather when the black were piled up in the nest. This very thing made it possible for the red sow to produce a better and stronger litter of pigs than the black, and they are better producers of larger litters. They do not need the care that the white hog does to keep them from getting mangy, in this Western country.

Stalks to Take Seed From.

The kind of stalk from which to make selections is one free from suckers and possessing a tolerably large circumference at the base and gradually tapering toward the top, as this is the type that stands drought best and is not as apt to be blown down as a high, slender one. In selection, weight should be attached to good root and leaf development of the mother parent, as all nourishment and growth are largely dependent upon the thoroughness with which these two organs do their work. Poor root or leaf development is indicative of meager growth and small, poorly developed production. All selections should be made from perfectly healthy plants.

A Doubtful Practice.

The custom of putting the fertilizer in the ground some time before the cotton is planted is questionable, to say the least, for should there come heavy rains before the cotton begins to grow, undoubtedly much of the fertilizer is leached away beyond the reach of the roots of the plant, says a Florida bulletin. It would unquestionably be better to distribute at least a part of the fertilizer alongside of the rows after the cotton is up. This could be done as a part of the cultivation, thus increasing the expense but slightly, and would place the fertilizer within reach of the plant roots at a time when it is needed.

Alfalfa and Alkali Soil.

Prof. Ten Eyck says that no crop is better adapted for taking alkali out of the soil than alfalfa; but for pasture it will probably be better to sow Bromus inermis with the alfalfa, since alfalfa alone is considered an unsafe pasture for cattle. A liberal application of barnyard manure will help to put this land into condition for seeding. Probably the early fall will be the best time to seed.

Apple Boxes.

This is my third season in what may be termed experimenting with boxes for shipping apples. Have shipped to commission houses in Pittsburg, Cleveland and other points, and without exception the fruit in boxes has netted 20 per cent more than when shipped in barrels, and from 20 to 35 per cent more than when sold to local dealers. The box used is made up of 12 by 14 inch elm head and one-half inch No. 2 pine, the length (inside) sixteen inches. Three boxes cost less than one barrel.

A Distinction.

"A cook in one respect is different from all human beings."

"Why so?"

"Because she never wants any other human help in her hour of need."—Baltimore American.

Only One "BROMO QUININE"

That is LEXATIVE BROMO QUININE. Slightly named remedies sometimes deceive. The first and original Cold Tablet is a WHITE PACKAGE with black and red lettering, and bears the signature of E. W. GROVE, 25c.

Terror of the Air.

Wilfred—Pa, a man who is continually on a ship is called a sea dog, isn't he?

Gumbusta—That's what they call him, my boy.

Wilfred—Well, if he's a sea dog, then a man who is continually on an airship must be a skye terrier.—Judge.

FITS

Dr. Vane's Dance and all Nervous Diseases permanently cured by Dr. Sime's Great Remedy, send for FREE BIBLE (trial bottle and treatise). Dr. R. H. Kline, Ltd., 331 Arch St., Phila., Pa.

Another Record.

Redd—My chauffeur has made another record.

Greene—Good! What is it?

"He was the first one to be fined in town in 1907."—Yonkers Statesman.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

The Foxy Wooer.

"Why were you in such a hurry to pick up my glove when I dropped it?"

"I thought there might be something in it for me, some time."—Cleveland Leader.

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