

HAD NO ACCOUNT TO BE PAID IN MONEY

ROSALIE BRANDON was home for a three weeks' vacation, and as usual her first hours at home were given over to restoring order to the doctor's accounts...

With a coughing, sputtering conglomeration of foreign noises and sounds a rattle-trap old car drew up at the front door of the doctor's house...

"Is Doctor Brandon in, ma'am?" asked the toothy owner of the mystery of the automotive industry.

"No. Won't you wait, though? I expect him back almost any time now," and Rosalie felt herself warming to the strange young man in spite of her annoyance over her father's affairs...

But just then Doctor Brandon came in, greeting the stranger heartily, and Rosalie's eyes narrowed at the patent embarrassment of the young man...

"Who's got the mumps, now, Jeff?" bluffed the jaded doctor as he fiddled absently with his case of medicine...

"Well, you see, sir," began Geoffrey Harrington nervously, "that poor farmer out at the flats already has seven—and it seems the youngest isn't at all well, and I was wondering if perhaps you'd be willing to go out and—"

"You will not, dad," fiercely interrupted Rosalie. "You were up all night with that new Hennessey baby, and you know you'll never get so much as a penny, and I just won't let you go away out there in this cold—"

"Then," replied the tired young man with an even sadder, wearier droop to his shoulders, "I'm afraid the baby will die. It won't eat and it cries all the time, and it never sleeps—"

"Just a moment, Jeff," interrupted her father brusquely, "and I'll be with you."

Rosalie heard her father trying to get the district nurse, and when he finally came out with the information that they'd have to go alone Rosalie ran for her coat and hat and a moment later was shivering over the cold, flat road with her father shouting questions and answers to the young minister above the roar and clatter of the rocking, clattering car.

"I'm going to stay and help a while," whispered Rosalie when her father

and Jeff came out ready to go. "You come for me later, dad, will you?" and Rosalie knew a strange thrill of gladness as Jeff eagerly offered to come and get her any time, and the thought helped her as she wrestled with soiled dishes, heaped up laundry and uncombed, unwashed children...

As he held her coat for her Rosalie felt a tug at her skirt and she bent down to embrace one of the oldest of the little girls, who was trying to tender Rosalie a couple of worn, shabby \$1 bills with the mother's admonition that this was to be "on account," and turning suddenly, Rosalie looked at Jeff with quivering lips...

"Take it back to Mummy, darling, and tell her to buy you some shoes! She hasn't any account with us—not to be paid in money, at least!" And Rosalie pulled her hat low over her eyes and her collar high up, lest Jeff see the sudden tears that were streaking her face.

"The Hennesseys have twins," gently remarked the young minister as he guided the coughing, sputtering car to a standstill and turned to help Rosalie out.

"Twins?" gasped Rosalie. "But I thought they already had one—this morning!"

"They did, and they gave, and now your father is doing tulspins in the library because Mr. Hennessey tried to give him \$10 on account—he wouldn't take it!"

"He wouldn't take it—why?" gasped Rosalie stammeringly.

"Because they haven't a cent and would probably have to run a grocery bill to pay him that much! Your father," he continued seriously, "is the most wonderful man I've ever known, Miss Brandon!"

"I suppose you're the same," faltered Rosalie, hopelessly. "I suppose you, too, would give away your shoes and go barefoot!"

"Not any more, I wouldn't—on account of somebody else—somebody who is more wonderful than her dad," gently answered the sky pilot as he took Rosalie's coat from her and went to hang it up. And Rosalie knew!

Preserving Autographs

To make indelible autographs that are written in pencil, the bureau of standards suggests spraying with the fixative used by artists for preventing the smudging of crayon and charcoal drawings. The fixative is a weak solution of bleached shellac in alcohol...

Unimaginative

Two miners who had been brought up in the same village, but had long since drifted apart, met the other day. "Hello, Tom! Let's 'ave a drink," said one.

"No Jack," replied the other, who had recently come under the influence of a revival mission, "I 'ave been born again."

"What?" exclaimed Jack, looking down at the other's legs. "Born again, an' still bow-legged?"—Weekly Scotsman.

Praise of Silence

Says Carlyle, "Silence is of eternity. Thought will not work except in silence. Silence, the great empire of silence; higher than the stars, deeper than the kingdom of death! Silence and the great silent men! A country that has none or few of these is in a bad way. It is like a forest that has no roots, which has all turned to leaves and boughs, which must soon wither and be no forest."

Giant Kodiak Bears

Kodiak Island is off the southwest coast of Alaska. It is crossed by the 154th parallel. The Kodiak bear of North America has the largest size of all bears, and is the most bulky carnivorous specimen. While possibly it is not the heaviest, it weighs in the neighborhood of 1,200 pounds.

All Wrong

Few stout women ever get weighed without becoming convinced that the machine is out of order.—Des Moines Tribune-Capital.

Green Manure Is Aid to Bacteria

Clover or Any Legume Crop Plowed Under Improves Soil Greatly.

(Prepared by the United States Department of Agriculture.)

When a farmer plows under a green manure crop such as clover or any of the legumes he brings about almost unbelievable changes in the world of living things under the soil, according to Nathan R. Smith, bacteriologist of the United States Department of Agriculture.

Under favorable conditions plowing under a large amount of green material may increase the number of bacteria as much as ten times within two days, says Mr. Smith. In four days there may be fifteen to twenty-five times the original number of bacteria in the decomposing material and adhering soil. After about seven days the bacteria decrease in number almost as rapidly as they increased. No change in the number of bacteria takes place in the soil one-half inch away from the decomposing material.

Bacterial Decomposition.

Bacterial decomposition of green manure gives rise to carbon dioxide and ammonia. The carbon dioxide escapes from the soil into the air; the ammonia is absorbed by the soil and, through the action of bacteria, is first changed to nitrite and then to nitrate. The greater the percentage of nitrogen in the green manure, other conditions being equal, the more nitrate will be formed from its decomposition. When crops low in nitrogen, such as mature rye, are turned under very little benefit will result for the following crop, since the amount of nitrogen bound up by the bacteria in decomposition may be greater than that obtained from the rye. Eventually this nitrogen is changed to nitrate, perhaps too late for the crop.

Influenced by Temperature.

Decomposition of green manure is greatly influenced by the temperature and moisture of the soil. Most soil bacteria require a temperature of 65 degrees to 70 degrees Fahrenheit, or often higher, for rapid activity. Under favorable conditions succulent green manure is usually decomposed in about seven days.

It has been known for many years

that growing a cover crop and plowing it under as a green manure improves the physical character of the soil, increases its capacity to hold water, and helps to prevent erosion. The mere growing of legumes, says Mr. Smith, has a stimulating effect upon the bacteria of the soil, and succeeding crops may be benefited even though the tops of the legumes are removed.

Sweet Clover Gaining Support in Illinois

Nitrogen worth from \$20,000,000 to \$30,000,000 is produced each year in Illinois by the 750,000 acres of sweet clover, according to C. M. Lindsay, University of Illinois.

Nitrogen is needed on practically all Illinois land and sweet clover is a cheap source of this plant food. Through its nodules on the roots the plant gathers nitrogen from the air and when the plant is plowed under or pastured down this nitrogen becomes part of the soil. The nitrogen costs 20 to 30 cents a pound if purchased on the market but can be had free from the air. An acre of good sweet clover contains 150 pounds of nitrogen or enough for a 100 bushel corn crop.

The spread of the crop has been rapid, as in 1929 there were only 70,000 acres of sweet clover in the state and last year there were more than 750,000 acres.

Maturity of Products Is Influenced by Seed

The maturity of garden products is directly influenced by seed, tillage, temperature and soil conditions. Every one of these factors is placed within the hands of the farmer. He may purchase only good seed from a reliable and reputable firm. Do not expect good seed at a low price as much of the cheap seed sold in bulk is from cases that have been "taken up" by the seed houses in the fall and held over and offered at a discount to dispose of it. Tillage not only influences maturity but also controls temperature and moisture; two important factors in vegetable growing. Tillage means all of the operations necessary in raising the crop; plowing, harrowing and cultivation.

OUR RED-CLOVER SEED CROP NEEDS LONGER-TONGUED BEES

Careful Biometric Studies Made by Russians.

(Prepared by the United States Department of Agriculture.)

How long a tongue should a honey-bee have? In Russia students have made careful biometric studies of bees in areas where there has been relatively little interregional shipment of bees, and where the bees in any given region are fairly uniform in race and strain. The Russian students find that the northern bees have shorter tongues than the bees of the south. The explanation lies in the adaptation of the bees to the conditions under which they live. In the north the bees gather their honey supply in a relatively short season and in what the beekeepers describe as an intense honey flow. In the south the season lasts longer and the honey flow is not so intense. The southern bee needs a longer tongue.

From the standpoint of the red-clover grower in the United States it might be desirable, says W. J. Nolan, of the United States Department of Agriculture, to have bees with longer tongues in the red-clover regions. He explains that the corolla tubes of the red-clover blossom are too long for the shorter-tongued honeybees who find it difficult or impossible to gather honey from them. This tends to reduce the visits of all but the longest-tongued bees, and, consequently, many clover blossoms are not pollinated by visits of bees and do not bear seed. The races of bees most common in the United States are not exceptionally long-tongued. Introduction of long-tongued bees in areas where clover-seed production is important would probably result in larger seed crops and in a larger clover-honey supply.

Annual and Perennial Vegetables in Garden

Any good garden has both annual and perennial vegetables. The annuals are those that we plant every spring while the perennials are those that live over from year to year. Examples of the perennials are asparagus, strawberries, rhubarb, perennial onions, etc. Now the place you plant

This Little Girl Got Well Quick



"Just after her third birthday, my little daughter, Connie, had a serious attack of intestinal flu," says Mrs. H. W. Turnage, 217 Caldwell St., San Antonio, Texas. "It left her very weak and pale. Her bowels wouldn't act right, she had no appetite and nothing agreed with her. Our physician told us to give her some California Fig Syrup. It made her pick up right away, and now she is as robust and happy as any child in our neighborhood. I give California Fig Syrup full credit for her wonderful condition. It is a great thing for children."

Children like the rich, fruity taste of California Fig Syrup, and you can give it to them as often as they need it, because it is purely vegetable. For over 50 years leading physicians have recommended it, and its overwhelming sales record of over four million bottles a year shows it gives satisfaction. Nothing compares with it as a gentle but certain laxative, and it goes further than this. It regulates the stomach and bowels and gives tone and strength to these organs so they continue to act normally, of their own accord. There are many imitations of California Fig Syrup, so look for the name "California" on the carton to be sure you get the genuine.

STOMACH TROUBLES

Why suffer from Gastritis, Acidity, Indigestion, Dyspepsia, or other stomach aches when the Navin Treatment offers quick relief. Rids you of pain, vomiting or other discomforts. Improvement steady and rapid without diet. This treatment has given relief to many thousands, so why not write today for free booklet on stomach ills. Tell us your symptoms.

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Kill Rats Without Poison

A New Exterminator that Won't Kill Livestock, Poultry, Dogs, Cats, or even Baby Chicks. K. R. O. can be used about the home, barn or poultry yard with absolute safety as it contains no deadly poison. K. R. O. is made of Squill, as recommended by U.S. Dept. of Agriculture, under the Cunnable process which insures maximum strength. Two cans killed 578 rats at Arkansas State Farm. Hundreds of other testimonials.



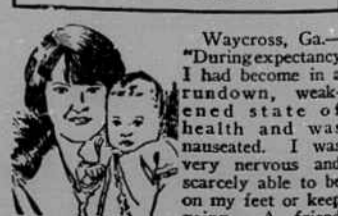
KILLS-RATS-ONLY

Golf Rugs "Darling!" "Ummmm." "John, dear." "Yes?" "I was just thinking what a nice looking rug I could make out of your golf towels."—Chicago Daily News.

When a man doesn't have the habit from the first of "putting his foot down," he never will.

Most secrets are greatly magnified in importance.

Advises Mothers



Waycross, Ga.—"During expectancy I had become in a rundown, weakened state of health and was nauseated. I was very nervous and scarcely able to be on my feet or keep going. A friend advised me to take Dr. Pierce's Favorite Prescription and in just a few weeks it had me feeling fine, I never had any more discomfort—had comparatively no suffering—and my baby was strong and healthy. I advise all expectant mothers to take the Favorite Prescription if they start going down in health."—Mrs. Sylvester Douglas, 1013 Georgia St.

All dealers. Tablets or liquid.

Advertisement for Dr. Peery's Vermifuge, featuring a target logo and text: "Dr. Peery's Vermifuge 'Dead Shot' kills and expels worms in a very few hours. One dose suffices. It works quickly and surely. All Druggists, 60c. Dr. Peery's Dead Shot For WORMS Vermifuge. At druggists or 878 Pearl Street, New York City."