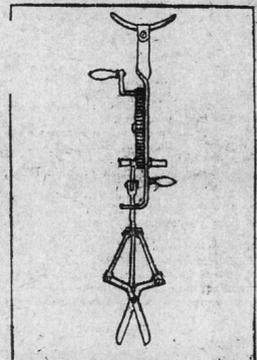


FARM TOPICS

TO TRIM HEDGES RAPIDLY.

Novel Gearing Machine Which Operates Shears Rapidly and Does the Work of Five.

Among the numerous time and labor saving devices for gardeners used, the geared hedge-trimmer, invented by



Does Work of Five.

A New York man, is one of the most interesting. With it a hedge that formerly required five hours to trim can be clipped in one hour, or one man can do the work of five. This apparatus consists of a long rod with a shoulder piece at one end and a pair of shears at the other. Along this rod is a drive-wheel connecting with the rotary pinion, which operates the crank controlling shears. The device is held against the shoulder, by means of a handle in the middle. Then the drive-wheel is turned, and by means of the multiple gearing it opens and closes the shears five times with each revolution, thus making the apparatus a saver of 80 per cent in either time or labor. All the operator has to do is to keep turning the wheel and moving the shears along the hedgerow where it needs clipping.

FACTS ABOUT CENTURY PLANT

Blooms Once in Hundred Years, or Any Other Time, and Then Withers Away.

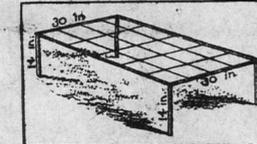
"The century plant, so named because of the popular idea that it blooms but once in 100 years, in one sense makes good its name, for it blooms only once, then dies," said H. F. Warren of Los Angeles, Cal. He continued: "In the genial climate of southern California it reaches maturity and blooms in 15 or 20 years, while in cooler climates the period may range from 40 to 50 years. There are many species of the agave family native to northern Mexico, where it is called the maguey. The plant furnishes pulque, the national drink of Mexico.

"At the time of the blooming the plant throws up a single stalk of rapid growth to the height of 12 to 20 feet, from which the tassell-like flowers sprout forth. This great flower stalk draws all the sap and vigor from the body of the plant, which soon withers and dies. At the base of the thick green leaves are found little suckers, each with root, which, when planted, at once begin to grow. The edge and end of the leaves are well armed with stiff, sharp spines, the prick of which is very painful. This is nature's way of protecting the plant from the ravages of desert rodents."

PLAN FOR TRAINING TOMATOES

Plants Grow Through the Frame and Fruit is Kept from Ground and in Clusters.

A practical method of training tomatoes and keeping them from the ground and in clusters is herewith given. Set plants in straight row. When they are 12 to 14 inches high drive stakes each side about 8 feet apart. Nail on



A Tomato Stand.

slats top of stakes, stretch any old woven wire fencing over the top. The plants will go through them, so your fruit will be off the ground and hang in clusters. You can prune them handily. No strings to use, no sun-baked tomatoes.

Farmers Must Watch the Crop.

In order to determine what elements of plant food are deficient in a soil, it is necessary to carefully study the growing crop. Many farmers seem to be of the opinion that a chemical analysis of the soil will show the amount of plant food contained therein. This, however, is a mistaken idea. The chemist can only determine approximately the amount of nitrogen, phosphoric acid and potash in soil, without specifically showing what proportion of these elements can be taken up by the growing plant. A large percentage of these elements is not available to plant food. Hence the necessity for them in an available form. We must turn, then, to the crop, and by watching it closely during its growth and by a careful examination when matured, see whether the soil is deficient in plant food and what elements are lacking.



BEST OF MILK MAKING FEEDS

Protein and Carbohydrates Are Two General Divisions into Which Food is Divided.

Because a feed is watery is no proof that it is a good feed for the making of milk. The blood refuses to be fooled, and will accept for its making only certain proportions of water and solids, asserts H. A. Ritchie, in Farm Life. The old idea that a wet feed makes lots of milk is exploded.

The best milk producing feed is that which is the most perfectly blanched as to its constituents. Protein and carbohydrates are the two general divisions into which the food can be divided, and the proper amount of each must be fed.

There is no possibility of getting away from the above fact, and every new dairy feed that comes to the front must prove its value because of its intrinsic worth, on the above basis.

Clover is one of the best milk-making feeds we will ever have, because of its richness in protein and its great digestibility when cut at the proper stage.

The way this feed has come into popular favor during the past 20 years shows something of its merit, for these 20 years have comprised a period more than any other in which the intrinsic value of dairy feeds has been challenged.

Alfalfa is even better than clover as a milk producer, when it is fed in the form of hay. When fed green it is equally valuable, but some of the men that buy milk for bottling and condensing purposes say that it gives a strong flavor to the milk and they discourage its use as a green forage.

GOOD TYPE OF DAIRY BREED.

Ida Marigold Was Champion and Sweepstakes Cow at the Chicago World's Fair.

This picture of Ida Marigold is an excellent type of the dairy breed. She was champion and sweepstakes cow at the Chicago world's fair, and her only son, Stoke Poggis of Prospect, is the sire of 45 tested daughters. If you



Ida Marigold.

study this cow and remember her lines when buying dairy cattle, you will make no mistake. Note the large, roomy frame, the small, intelligent head, the heavy milk veins, and also that her bag is hung exactly in the right place.

Adjuncts to the Dairy Farm.

Those who make the highest success in dairying turn to either direct or indirect money account—butter-fat, skim milk, calves and manure. All of these are valuable, and the manure is of more real value than most dairymen make out of it. By some, calves are considered of no value. This is a great mistake. Where a paraded stock is used, nearly all of the calves can either be used or sold for breeding purposes. The demand for promising heifers of even grade stock is very great. In all cases, a good profit can be made from calves by feeding them skim milk and selling them for veal. The extra weight put on them in finishing them for veal represents as much or more gain as can be secured by feeding the skim milk to pigs.

Use Hand Separator for Good Butter.

By the use of the hand separator it is possible to make the highest grade of butter at home, providing the cream is properly handled and churned. By the use of the separator you are not only able to make a higher grade of butter and will sell it for a higher price, but you will be able to extract more cream from the milk and hence make more butter. Also, the warm sweet milk will have a higher food value either for human use or for animal feeding. If you keep more than three or four cows by all means buy a separator. It will soon pay for itself.

Feed for Full Flow of Milk.

Cottonseed meal, flaxseed meal, shorts, bran or other feeds rich in protein are necessary for a full flow of milk. Clover or alfalfa hay are rough feeds rich in protein. Corn, rich in starch, produces heat, energy and fat, but little milk. Silage and green roots furnish water and are good appetizers and promoters of general health for winter feeding. Bran and flaxseed meal are good bowel regulators.

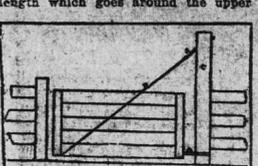
Take Good Care of the Cow.

The warmth of the cow stable influences the maintenance ration, but in making the stable warm do not forget to allow for good ventilation, upon which depends the health of the cows.

HANDY GATE FOR DAIRY FARM

Gate That is Useful at Any Time of the Year and Can Be Built Cheaply.

A gate that can be made easily and cheaply and operated easily is a convenient thing on any farm. Instructions are given below for the construction of one by a writer in Farm Life. The gate is a common panel hinged to post eight feet above the ground. The lower hinge is a strap of iron bent around the post, and between this the panel is bolted. The upper hinge is made of heavy wire woven between the boards of the panel and run up to a chain one foot in length which goes around the upper



A Handy Gate: A—Chain One Foot. B—Wire. C—Post Eight Feet. D—Lower Hinge.

end of the post and is fastened on one side, so that in opening the gate the chain will wind around the upper end of the post and lift the gate about two feet from the ground and over the snow. The gate works very easily and any child can open it.

COW TESTING ASSOCIATION.

The First One Launched in Australia and Principle Probably Will Spread.

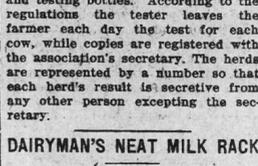
The first cow testing association has been launched successfully in Australia, and apparently it has come to stay, which means the spread of the principle, as farmers are prone to follow one another, says Hoard's Dairyman. The headquarters of the new institution are on the south coast of New South Wales, close to Sydney, which is the oldest milk center in the commonwealth.

Thirty-one entries were received when it was decided to close for the year, although others were offering. The testers go to work at once. The morning and evening's milk of each cow is weighed and sampled and two mixed to find out the butter value. Each barn will be visited once a month to get these results. The test is multiplied by the days of the month to ascertain the total and arrive at the value of the cow's milk and butter during her milking period. This will enable the farmer to ascertain which are the robbers of the herd. The Babcock test is used by the officers, who also carry scales, brands, necessary acids and sampling and testing bottles. According to the regulations the tester leaves the farmer each day the test for each cow, while copies are registered with the association's secretary. The herds are represented by a number so that each herd's result is secretive from any other person excepting the secretary.

DAIRYMAN'S NEAT MILK RACK

A Handy Contrivance for Keeping the Liquid Off the Floor and Clean.

This rack is made of inch boards. The end pieces are eight to ten inches wide. The pan rests are two inches wide, and are set into notches cut in the end boards, says a writer in Farm and Home. The rack may be made



Very Handy and Neat.

and length and height desired. There is a wide board on the top from which a certain is suspended. This makes a handy table and always looks clean and neat.



Use Hand Separator for Good Butter.

By the use of the hand separator it is possible to make the highest grade of butter at home, providing the cream is properly handled and churned. By the use of the separator you are not only able to make a higher grade of butter and will sell it for a higher price, but you will be able to extract more cream from the milk and hence make more butter. Also, the warm sweet milk will have a higher food value either for human use or for animal feeding. If you keep more than three or four cows by all means buy a separator. It will soon pay for itself.

Fraud in Mixed Feeds.

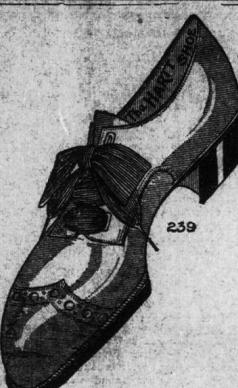
Mixed feeds have always been the medium through which the most flagrant frauds in the feeding-stuffs business have been perpetrated, says the Kansas experiment station bulletin. Oat hulls, rice bran, ground corncobs and other waste products of little or no feeding value have been systematically incorporated in such feeds. The value of mixed feeds cannot be estimated by a purchaser with much assurance of satisfactory results. In the case of pure feeds the consumer can, to a degree, judge for himself, notwithstanding the considerable variations to which even they are subject in respect to composition, and, consequently, feeding value. Mixed feeds have, therefore, always come under feeding-stuffs laws and have, indeed, received special attention.

The Protein Problem.

The farm has been aptly called the "carbohydrate factory," the principal fodder crops produced being hay, corn fodder, corn (grain) and similar materials—all low in protein and high in carbohydrates. The problem confronting the milk producer is how to economically secure sufficient of the costly but necessary protein to supplement the home-grown carbohydrates.

Do You Suffer

from any form of pain? If you do, it will be to your advantage to investigate Dr. Kendrick's White Liniment, because it will relieve you. It's the largest bottle and best. White Liniment on the market to-day, does not blister the skin, and, without heating any tissue of oil. Can be taken internally. Ask your druggist about it, or write us for free circular. Manufactured by the Baird Co., Ltd., Manag. Chemists, Woodstock, N. B., and sold by all reliable dealers.—7c.



Men—Let us show you the excellence of

"THE HARTT SHOE"

Try a pair of Oxford Ties. Brown Calf, Tan Calf, Ox Blood Calf, Velour Calf, Patent Colt, Vici Kid.

Variety and shapes to please everybody. Prices \$4, \$4.50, \$5

Open every evening until 8 o'clock

Francis & Vaughan

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OBITUARY.

Jairus P. Yeaman.

The many friends of Jairus P. Yeaman learned with regret of his sudden death at his home, Lower Newcastle, Queens county, May 6. Deceased had been actively engaged in lumbering and milling and had just added a planer to his mill, expecting to begin work the week following his death. His parents, Mr. and Mrs. John Yeaman, resided with him and are widely known throughout the county. Three sisters, besides his wife and a little daughter, aged four, survive him. The funeral services were held on Sunday following his decease, Rev. W. E. McIntyre preaching on the occasion. Mrs. Yeaman, formerly Miss Stella McManis, will continue to reside at the family home, and the business conducted by her husband will in all probability be disposed of. The people of the community realize that the place has met with a distinct loss in the removal of one of its most upright and enterprising citizens, whose place will be hard to fill.

Mrs. George S. Branscombe.

The death occurred at the home of her father, William McCollum, on Tuesday morning, May 10, at 10 o'clock, at the home of Mrs. Gladys Mariani, wife of George S. Branscombe, of Minto, Sunbury county (N. B.). The deceased had been in failing health for some time. Interment took place on Wednesday afternoon in the Upper Range burying ground, service being conducted in the Upper Range Baptist church by Rev. D. McD. Clarke, of Chipman, assisted by Rev. H. A. Bonnell, of The Range. Much sympathy is felt for those who mourn the loss of a loving wife, mother and sister.

Mrs. Nathaniel Branscombe.

Mrs. Nathaniel Branscombe, of the Range, Queens county (N. B.), passed peacefully away at her home on May 6. She had been in her usual good health until a week previous to her death. Besides her aged husband she leaves two daughters and one son—Mrs. J. McLean, Mrs. Geo. Shell, of Maine; Thos. A. residing at home. The funeral was held on Tuesday afternoon. Interment in the Lower Range burying ground. Service was conducted by the pastor, Rev. H. A. Bonnell, preaching a very touching sermon from Revelation 14 chapter, 13 verse. Deceased was highly esteemed by all who knew her.

Mrs. Roy M. Northrup.

After an illness of about four weeks, Mrs. Alice M., wife of Roy M. Northrup, died Sunday, aged 23 years. The cause being pneumonia. Mr. and Mrs. Northrup were married about four years ago. She was the daughter of Mr. and Mrs. David McKay, of the North End, and besides her husband and a daughter two years old, she survived by her parents, five brothers and three sisters.

Mrs. Mary Porter.

The death occurred here Sunday of Mrs. Mary Porter, widow of the late Captain William Porter, who at one time was very prominent in shipping circles at this port. Mrs. Porter was in the seventy-fifth year of her age, and had only been ill about two weeks. Her only surviving daughter, Mrs. P. W. Paterson, of Toronto, and one son, J. J. Porter, of this city.

Adam Tait.

Shediac, N. B., May 14.—(Special)—The death of Adam Tait of this place occurred this morning at the residence of his son here. Mr. Tait was one of the oldest residents of the parish, being at the time of his death in his 81st year. The greater part of his life was spent in Shediac. He was for a long time one of the best known and most prominent citizens of Shediac, where he carried on a mercantile business for many years. He retired from active work about twenty years ago, having attained a competence. He was an active and prominent member of the Methodist church, and a liberal contributor to the schemes and work of the church, in which he will be much missed. He leaves one son, Coun. R. Chesley Tait, merchant. The funeral will take place at 2.30 on Monday afternoon.

Mrs. Isabella Alexander.

The death occurred at St. Stephen Sunday of Mrs. Isabella Alexander, widow of the late David Alexander, after a brief

Illness.

The deceased had been a resident of St. Stephen for a long time and was in the eighty-fifth year of her age. She was born in Ireland and came to this country when quite young. She is survived by one daughter, Maria, of St. Stephen, and two sons, Hugh and William, both in the west. One sister, Mrs. James McNeill, of St. Stephen, also survives.

W. Austin McLaughlin.

The death occurred in this city Sunday of W. Austin McLaughlin, eldest son of William McLaughlin, baker, of Brunswick street. The deceased was for some time employed with the Flood Co., Ltd., as an accountant, and later with J. & A. McMillan. About a year ago while up river on a yacht he received a sunstroke, from which he never fully recovered. Yesterday afternoon about 3 o'clock he took a bad turn and died soon after. The deceased was a very popular young man, and was a prominent member of several Catholic societies of the city. He was also an active member of the R. K. Y. C. Only last week he attended a meeting of the Knights of Columbus. Besides his father, he is survived by one brother, Father Joseph McLaughlin, C. S. S. R., of Mount St. Alphonsus' Seminary, New York, and four sisters, Misses Mamie, Sadie, Katie and Agnes, at home. Rev. A. J. O'Neil, of Silver Falls, is an uncle.

Miss Margaret McCarthy.

The death of Miss Margaret McCarthy, daughter of Thomas McCarthy, occurred at the home of her sister, Mrs. Samuel Stone, Britain street at an early hour Monday morning. She was seventeen years of age and besides her father, is survived by two sisters, Misses Samuel Stone and Mrs. W. J. Peterson.

Dr. John D. Stark.

Digby, May 16.—Dr. John D. Stark passed away yesterday morning at the home of his sister, Mrs. John Campbell, Mt. Pleasant, aged 79 years. The deceased was born in Digby but left his native place when he was 21. He returned seven months ago ill with cancer. The deceased is survived by one brother, Joshua Stark, of St. John, and three sisters, Mrs. John Campbell and Mrs. John Warrington, of Digby, and Mrs. Annie Troop, of Belleisle, Annapolis county. The funeral will be held from Mrs. Campbell's residence tomorrow morning at 10 o'clock with interment in the Methodist cemetery.

William Duke.

After having been ailing for more than a year, William Duke, an uncle of Rev. William Duke of the palace, died Monday in his residence, 38 Exmouth street, aged 75 years. Deceased was a native of County Cork, Ireland, but had lived in this city a great many years. He was widely known and enjoyed the utmost confidence and esteem of all. He is survived by his wife and one daughter, Mrs. James McDonald, of this city. One brother, James Duke, and a sister, Mrs. John Murray, both of this city, also survive.

James Odber Secord.

In the death of James Odber Secord, at 291 Palmerston avenue, Toronto, on the 12th inst., there passed away the last member of the third generation of one of the old Loyalist families of New Brunswick. The deceased was the son of Carmel Secord, of Belleisle, Kings county (N. B.), and was the last of nine children. Carmel Secord's father came to St. John with the Loyalists. The family first settled on the St. John river, and later in Kings county, where they were well known and respected. James O. Secord was born near the Long Reach Oct. 2, 1832, but his family moved to Kings county when he was very young. He learned the trade of blacksmith, which he followed for several years. His health being poorly he engaged in various business pursuits, and from 1880 to 1900 he was in the manufacture of grain cradles. In 1888, Mr. Secord removed his family to St. John and resided there for twelve years. Later he lived at Kingston (N. B.), removing to Ontario last September.

Queen Mary.

The new queen has the great advantage of having known something approaching poverty, for although born a princess, the daughter of a royal duke, there never was too much money in the Teek household, and Princess Mary knew what it was to scrutinize housekeeping bills and even to make her own dresses. She has a wonderful gift for detail and an excellent memory. She never is so happy as when caring for her children, of whom she has six—five sons and a daughter—Springfield Republican.

CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of *Chas. H. Fletcher* and has been made under his personal supervision since his infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS

Bears the Signature of *Chas. H. Fletcher*

The Kind You Have Always Bought

In Use For Over 30 Years.

THE CENTAUR COMPANY, 27 NASSAU STREET, NEW YORK CITY.

Cobalt (Ont.), and two daughters, Mrs. H. B. Edwards, of Cobalt, and Mrs. John Dempsey, of Toronto, burial being in Prospect cemetery, that city.

William McCluskey.

The death occurred in this city Monday of William McCluskey, who for several years conducted a blacksmith shop at Millidgeville. The deceased was in the 73rd year of his age and is survived by four sons, William and John, of this city, and James and Charles of Boston, and two daughters, Miss Emma, of this city, and Mrs. McPherson, of Maine. One stepson, W. H. Smith, of this city, also survives.

Mary O. Rose.

St. Stephen, N. B., May 16.—(Special)—The death of Mary C. Rose, widow of John H. Rose, took place at Princeton, Maine, yesterday afternoon. The body will be brought to Calais tomorrow evening and interred in St. Stephen rural cemetery.

John L. Ray.

Milltown, N. B., May 16.—(Special)—John L. Ray, a prominent citizen of Milltown (N. B.), died today from acute indigestion. Mr. Ray has been superintendent of the Maine Water Company for about thirteen years. He leaves a widow, Mr. Ray was a prominent Mason, treasurer of Victoria Lodge F. & A. M., and a member of the St. Stephen Encampment of Knight Templars.

Queen Mary.

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50,000 BOXES FREE

IF YOU HAVE RHEUMATISM, LUMBAGO, SCIATICA, LET ME SEND YOU A 50 CENT BOX OF MY REMEDY FREE



Deformity is Chronic Rheumatism

John A. Smith and His Remarkable Remedy for Rheumatism: Cured Himself First, and Now Offers 50,000 Boxes of His Remedy Free.

I will give away 50,000 fifty-cent boxes of my remedy for rheumatism to demonstrate its great value in rheumatic conditions.

My remedy is not made of obscure ingredients. It is made of such well known remedies as Potassium Iodide, Poke Root, Guaiac, Resin, Sillitanga and Sarsaparilla, and anyone familiar with drugs will at once realize its great value in rheumatic conditions.

Some people seem to think that rheumatism is not a curable disease. I know it is not, because I was told years ago when I had it so bad that I could never be cured. But I was cured by the above ingredients, named the remedy "Gloria Tonic," because I experienced such glorious relief from its use. "Gloria Tonic" of course, did not cure me in a day, nor in a week, but my own case proves that rheumatism can be cured.

There are some rheumatic sufferers who will never be cured, even if their cases are slight and easily curable. This is due to the fact that they do not understand what rheumatism really is. They try a remedy a short time, and if relief is not felt at once they discontinue its use, and call it a fake. This class of rheumatic sufferers usually take their affliction to the grave.

Bear in mind that rheumatism never forms in the body over night. Sometimes it is in the system for years before it

S. S. SINCENNES

DAMAGED; HER ARRIVAL DELAYED

The steamer Sincennes, due here at 3 o'clock yesterday afternoon, did not reach here until this morning. Her passengers should be able to give authentic accounts of the appearance of the comet. While en route to the city from Coles Island yesterday the Sincennes broke her wheel and was rendered helpless when near Evansdale. A telephone message was sent to the city and a tug was dispatched to her assistance, but the steamer was not due to reach the city until 2 o'clock this morning. Whether the Sincennes was damaged to any great extent is not known.

CHATHAM MAN

BADLY BEATEN

Chatham, N. B., May 16.—(Special)—A young Englishman, named Arthur Marryfield, was badly beaten yesterday by a man named Martin Cribbs. Marryfield drives a milk wagon and says he has been frequently annoyed by Cribbs and others drinking the milk from the wagon while he served his customers. Yesterday he brought his brother to help him, and the result was a fight with Cribbs, which resulted in Marryfield being knocked down and kicked on the head.

He was unconscious for some time, but recovered with the assistance of a doctor. He is confined to his home. He is painfully injured about the face and head.

George Anderson, father of Mrs. Frank McFarlane, St. David street, has gone to Amherst to live with his daughter, Mrs. A. J. Archibald.

Shake Hands

Bier.

Upon rising to monarchs gripped bowed heads beseeched. It was a move all those who were in the catafalque were those within West. The royal train, which was a funeral procession, was a sight to be seen everywhere.

The little town of a purple hue. From of Castle Hill, with Edward's will is an entrance to the church mourning pall of shrouded in the coffin with the description.

Floral Tributes Throughout the came to Windsor surrounding district through the castles memorials to the

Coupon for a Free 50 Cent Box of "GLORIA TONIC"

JOHN A. SMITH, 680 Laing Bldg., WINDSOR, ONT.

I am a sufferer from rheumatism and I want to be cured. If you will send me a 50-cent box of "Gloria Tonic" Tablets free of cost and postage, I will give them a trial.

My name and address is:

Name

Street No.

City

State

City

State

City

State

City

State

City

Advertisement for 'The Kind You Have Always Bought' (Castoria) and other products, including '50,000 BOXES FREE' and 'IF YOU HAVE RHEUMATISM, LUMBAGO, SCIATICA, LET ME SEND YOU A 50 CENT BOX OF MY REMEDY FREE'.