WHAT SCIENCE IS DOING

Making Hay

Making hay while the sun shines is not the only time farmers can now cure hay, says The Christian Science Monitor. Experiments begun by the University of Tennessee and the Tennessee Valley Authority have proved, to the satisfaction of pioneering farmers in Indiana at least, that the several kinds of hay can be cured in a new type of mow.

The mow has a ribbed floor, equipped with ducts, through which air blows up into and through the hay piled on the floor. Recent experiments at Purdue University show the cost of such an electrically-operated system need not exceed $500. This would make the cost average $2 a ton, a figure more than compensated for by added feed value.

Hay in the field has up to 80 per cent in moisture; retained moisture is a feed premium, and the new system retains as much as 40 per cent, compared with 25 per cent retained after sun curing. Other nutrients, such as leaves otherwise lost in field handling, also add to the benefits of the inside system. One farmer is using a machine which chops the hay as it is cut, when blown into the drying mow, the stalks take up only half as much space as field-cured hay.

ON MOROTAI

Because he is thoroughly familiar with the island of Morotai, Lt.-Gen. L. H. Van Oyen, above, Royal Netherlands Indies Army, was of great assistance to American forces when they invaded that Moluccas island only 300 miles from the Philippines.

Have You Heard?

An Aberdonian went to Australia. When he returned three years later he found his three brothers, all with beards, at the railway station.

"What's the big idea?" he asked.

"Ye ken quite well ye took the razor awa' wi' ye," was the reply.

—o—

"I told her that each hour with her was like a pearl to me."

"And did that impress her?"

"No. She told me to quit stringing her?"

—o—

"And now, doctor, that I've told you I am going to marry Jane, there's one thing I want to get off my chest."

"You just tell me about it, my boy."

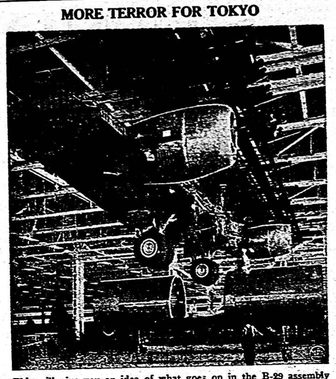
"A tattooed heart with the name Mabel on it."

—o—

Daughter: "Dad, what's the best way to make Willie stop spending so much money on me whenever he takes me out?"

Dad: "Marry him."

MORE TERROR FOR TOKYO



This will give you an idea of what goes on in the B-29 assembly plant at Wichita, Kan., where this 17-ton main center wing section of the Boeing Superfortress, complete with huge dual wheels of the main landing gear and two of the four 2200-horsepower engines, is being lowered to join the fuselage bomb bay section. Soon the completed bomber will join others to help blast Hirohito's empire

We Can't Do Less Than They

Now is the time to get your finances in order to buy Victory Bonds when sales start October 23.

The success of this loan is just as vital to Canada and to the future of this country as any previous loan, says the Financial Post. Its success will be in proportion to the amount of bonds bought by individuals; to the degree of self-sacrifice that they assume in those purchases.

The war is not yet won. Our men in the fighting services are now making their most supreme effort. The Canadian people at home, for whom this war has meant so little hardship, can surely do no less.

And It Wasn't Even Paid For!

"This is a remarkable suit of clothes I'm wearing," a man said to his friend "The wool was grown in Australia, the cloth was made in New England, the suit was tailored in Rochester, and I bought it in Louisville. Isn't it interesting how so many people can make a living out of something I haven't even paid for."

1933-44 Edition Canada Year Book

The Canada Year Book is the official statistical annual of the country and contains a thoroughly up-to-date account of the natural resources of the Dominion and their development, the history of the country, its institutions, its demography, the different branches of production, trade, transportation, finance, education, etc.—in brief, a comprehensive study within the limits of a single volume of the social and economic conditions of the Dominion.

Cloth-bound edition $2.00—Remittance should be made by money order, postal note or accepted cheque payable to The Receiver General of Canada.

Paper-bound edition $1.00—These copies have been set aside for ministers of religion, bona fide students and school teachers. Application with remittance must be forwarded to the Dominion Statistician, Dominion Bureau of Statistics, Ottawa.

How Can I?

By Anne Ashley

Q. How can I keep the garbage can clean?

A. The garbage can or pail will be much easier to clean if a fresh newspaper lining is placed in it after each emptying.

Q. How can I keep a raincoat from flying open at the bottom when facing a driving rain?

A. A couple of clasps sewed below the lower button, to use in such an emergency, will repay one for the trouble.

Q. How can I clean the pleated lamp shades?

A. These shades can be cleaned by using the blower of the vacuum cleaner on them. The dust will be removed in a short time.

Q. How can I avoid having frosting that runs?

A. Add a half teaspoonful of baking soda to the boiling frosting and it will keep it from running.

Q. How can I make an attractive looking salad?

A. A pretty salad can be made by jelling a chicken salad in the shape of a ring and placing one's favorite dressing in the hollow of the ring.

Q. How can I remove marks made from an indelible pencil?

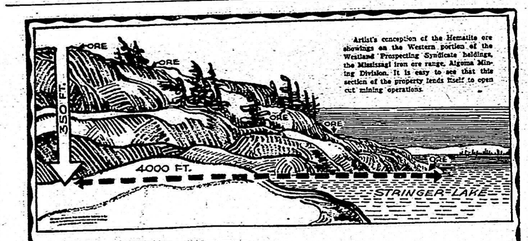
A. Grease the spots with lard, rubbing thoroughly. Then wash with soap and warm water.

MACDONALD'S
BRIER
Canada's Standard Smoke

Russia Replanting Devastated Forests

Forest tracts in Russia burned or cut down during the war are now being restored on a large scale. Tens of thousands of hectares of forests are now being planted in the liberated areas of central Russia. Some 10,000 hectares will be planted in the Orel, Voronezh, Tula and other regions this year.

Artist's conception of the Hematite ore showings on the Western portion of the Westland Prospecting Syndicate holdings, the Mississagi iron ore range, Algoma Mining Division. It is easy to see that this section of the property lends itself to open cut mining operations.



WESTLAND PROSPECTING SYNDICATE

CAPITALIZATION $10,000.00

IRON—Steel's Priceless Ingredient

Canada's emergence as a prime producer of high-grade iron ore is a fact of tremendous economic significance to our industrial future. The centre of this newly developing industry exists within the boundaries of Ontario and its growth has been accelerated by the advent of Steep Rock as a shipper of ore to the smelters of Ohio. As new zones of iron ore deposition are brought to light, especially those which are easily accessible and developable at low cost, we are destined to benefit from a rising industrial prosperity that amply assures a substantial future growth trend.

● Summary Report on WESTLAND'S Property

I wish to submit the following report on your group of Eighteen mining claims, situated in Township 176, Sault Ste. Marie Mining Division, Ontario, approximately 18 miles North of the Village of Iron Bridge.

The property is reached by the White River Road, which is kept in excellent condition by the Provincial Government, from which a road turns off to within two miles of your claims. An easy trail continues from there to your property.

The claims are staked on a very promising Hematite deposit, which has been traced for a distance of three-quarters of a mile over three claims, and shows a well defined deposit of strong continuity of Hematite, ranging from eight feet to twenty feet in width and in one place One Hundred feet from wall to wall. The vein runs a little South of East, going into Stringer Lake on the East, with good showings of Hematite flote across the lake. On the West side, where stripping is being done, the vein continues in a Jasper conglomerate with plenty of soft material for a replacement body.

I think that it is the Diabase that has brought in the iron . . . and that mining a minimum of a six foot width of this Hematite would show a good profit. Therefore, with widths and continuity as above stated, it is easy to see that this is a big thing.

In conclusion, I am very impressed with this deposit. It is the largest Hematite body that I have ever seen apart from Steep Rock.

Respectfully submitted,
(Signed) W. E. Stringer.
July 10th, 1944.

A Sincerely Conceived Development Project of Promising Potentialities

Sufficient surface work, trenching, etc., has been done to date to indicate that the find brought to light is one of major importance. A drilling program is shortly to be undertaken to define the depth and extent of the showings. The significant feature about the grade of ore found on the Westland property lies in the fact that from it can be produced the finest grade of steel.

Certificate of Assay No. 16235
Provincial Assay Office — August 31st, 1944.
This is to certify that the samples assayed by us for the WESTLAND PROSPECTING SYNDICATE 24 King Street, West, Toronto, gave the following result:

Sample No. 1—Iron	64.41%
Sample No. 2—Iron	67.94%
Sample No. 3—Iron	68.14%
Sample No. 4—Iron	68.24%
Sample No. 5—Iron	66.33%
Sample No. 6—Iron	61.79%

H. A. Mottle, Acting Provincial Assayer.

A nail from tide-water to the greatest ore market in the world, the smelters on the south shore of Lake Erie, can be effected economically and profitably.

Domestic Iron Ore Production Seen as Urgent National Need

Mr. W. L. Millar, Liberal Member of Parliament for Algoma-Manitoulin, when defending the Ontario Government's One dollar per-ton ore bounty, stated: "It is estimated that Canada pays the United States approximately $300,000,000 for iron and steel in various forms, and it is incumbent upon the Canadian people to rid themselves of this serious handicap, by the fullest development of an important and vital industry.

Offering of Units at $30 Per Unit

(Each Unit exchangeable for 300 shares in a Company to be formed)
Units may be purchased through your own Bank or Broker — or direct from:

Metal Syndicates
(J. W. Ferguson, Manager)
24 King Street West
Toronto, Canada

Metal Syndicates,
24 King W., Toronto.
PHONE- ADELAIDE 4710
Herewith my remittance of $.....in full
payment for .....units of Westland Prospecting Syndicate at $30 per unit.
NAME .....
ADDRESS .....CAM
(Make all cheques payable to Metal Syndicates)

ACCOUNTANTS & AUDITORS

INCOME TAX REPORTS, complete monthly Bookkeeping Services, small businesses our specialty. A. Brett & Company, 8 Wellington Street East, Toronto.

BABY CHICKS

PULLETS: BARRED ROCKS, White Leghorns, New Hampshires, Hybrids 18 weeks to laying. You will save money by booking your 1945 chicks now. We give liberal discounts for early booking and we guarantee the price against any rise or decline. There is also the advantage of getting the chicks when you want them by ordering early. Send for catalogue and pricelist. Tweddle Chick Hatcheries Limited, Fergus, Ontario.

FOR IMMEDIATE DELIVERY WE have laying pullets, and for later in the month a limited supply of dayolds. November and December chicks should be ordered now. We have copies of the Report on Ontario's 1944 Poultry Conference, and will be glad to mail you copy. Bray Hatchery, 130 John St. N., Hamilton, Ont.

CHOICE PULLETS LAYING AND Ready to lay. Barred Rocks, New Hampshires, White Leghorns, Hybrids and other breeds. Order your 1945 chicks now. Discounts for Early Booking and Early Delivery. It will pay you to write for prices to-day. Top Notch Chickeries, Guelph, Ontario.

DYEING & CLEANING

HAVE YOU ANYTHING NEEDS dyeing or cleaning? Write to us for information. We are glad to answer your questions. Department H, Parker's Dye Works Limited, 791 Yonge Street, Toronto.

FOR SALE

ATTENTION FARMERS!
ORDERS TAKEN FOR SHEAF Loader attachments for Corn Binders for 1945 delivery. Place your order now. For further information write Peter J. Selp, Gads Hill, Ont.

ELECTRIC MOTORS, NEW, USED, bought, sold, rebuilt; belts, pulleys, brushes. Allen Electric Company Ltd., 2226 Dufferin St., Toronto.

FOR SALE—FREMLIN'S HOUNDS thoroughbred, seven only. Guaranteed to hunt. Order promptly. D. W. Fremlin, Bar River.

ARMY BOOTS
NEWLY RECONDITIONED BOOTS of our armed forces, perfect condition, $3.25 delivered. Money-back guarantee. State size, send money order. Buskin & Co., Peterborough, Ont.

FOR SALE REGISTERED OXFORD yearling, also Ram Lambs, reasonable price. Carl Gillanders, R.R. No. 2, Harrow.

JOHN BURR HORIZONTAL MILL, turret lathe with auto drive and motor, Madison bearing grinder, 3 buffers, sheet metal roll former, 22 used Caliper thread gauges, N.P.S. and B.S.P. with setting plug gauges free for sale and inspection. Contact F. C. Martin, 72 Stafford St., AD. 3421, Toronto.

Men's Handkerchiefs 10c ea.
WRITE FOR FREE LIST ON ALL dry goods, flannelette and smallwares. Part time agents wanted. Orders over $2.00 sent postpaid. Goods satisfactory or money refunded.
LAWLAND & KLAT INC.
Wholesale — Retail
917 Mount Royal E., Dept. WP — Montreal

"BUCKEYE" TILING MACHINE complete with surveying equipment. In working condition. H. Price, R.R. 1 Wheatley, Ont.

NEW DISCOVERY, TESTED, SAVES 45% gasoline, guaranteed. Send stamped envelope for information. S. Brodie, Vilna, Alta.

SLIPIT
HARNESS DRESSING — FINEST leather and harness preservative. Slipit also has many household uses 25c tin at most grocery, hardware and chain stores. A product of Lloyds Laboratories, Toronto.

$1 BUYS 1 SHARE ON $12,000 VICtory Villa at beautiful Chestnut Hills in Islington, open for inspection. Sponsored by Col. Speight Branch, 210, Canadian Legion. Proceeds for a Memorial Hall now nearing completion. Send $1 to M. Evans, Sec., Islington.

CARROT JUICE EXTRACTOR, electric, juices all fruits and tender vegetables. Mr. Reed, Box 2, Coleman P.O., Ontario.

BUSINESS BLOCK, BRICK AND stone, first class grocery and Liquor Control on corner with apartments over, also brick tourists home. King Street West, Gananoque, Ontario. P.O. Box 505.

CARLOTS OF COLTS, FARM AND bush horses for sale. Write, T. E. Murphy, Chaplin, Sask.

"FAIRWAY"
IT CLEANS!—
AS IT WAXES!—
AS IT POLISHES!
Quick Efficient Floor Tool! Canadian Patent. Material, workmanship guaranteed. Full directions with each "Fairway," only $2.75 express paid. C.O.D. 463 Gerrard Street, Toronto.

FARMS FOR SALE

IDEAL MEDIUM DAIRY FARM, fenced and tiled. Hydro and water serviced buildings, wind and lightning protected; rail and bus commercial outlets. McKenzie, Princeton, Ontario.

FARM FOR SALE AT ORO STATION, 115 acres, 8 acres bush, 85 acres under cultivation, balance pasture. Steel-roofed barn 100' x 45', 8-roomed brick house with steel roof. Driving shed and blacksmith shop with steel roof. Silo. Close to school, village and station. Apply Thos. F. Bell, Oro Station, Ontario.

120 ACRES ON NO. 2 HIGHWAY in Colborne East, 8-room brick House, city conveniences, 3-piece bath, running water, electricity all buildings, 2 creeks, large henhouse. Apply Warryah, Colborne, Ontario.

HELP WANTED

HERDSMAN, R.O.P. EXPERIENCED, also other help, for dairy farm near St. Catharines, immediately, good residence, city lights and water. Apply, with full particulars and reference, McMahon's Dairy, Port Dalhousie, Ont.

HAIRDRESSING

AMBITIOUS GIRLS and MIDDLE AGE
women, learn hairdressing at Canada's finest and largest schools. Refined, dignified work. Splendid pay. Write or call for free literature. Marvel Hairdressing Schools, 358 Bloor Street, Toronto. Branches 44 King Street, Hamilton, and 74 Rideau Street, Ottawa.

LEARN HAIRDRESSING. THE Robertson method. Information on request regarding classes. Robertson's Hairdressing Academy, 137 Avenue Road, Toronto.

LIVESTOCK

FOR SALE, HERD OF 25 PUREbred Durham cows and calves and sire; reason for selling, ill health. Apply, W. L. Ketcheson, Tweed, Ont. Telephone No. 10.

MACHINERY FOR SALE

FORDSON TRACTOR, RECONDITioned, steel wheels, $275. 15 La Plant Ave., Toronto.

MEDICAL

STOMACH AND THREAD WORMS often are the cause of ill-health in humans, all ages. No one immune! Why not find out if this is your trouble? Interesting particulars—Free! Write Mulveney's Remedies, Specialists, Toronto 2.

BAUMEEKA FOOT BALM destroys offensive odor instantly. 45c bottle. Ottawa agent, Denman Drug Store, Ottawa.

IT'S IMPORTANT — EVERY SUFferer of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 335 Elgin, Ottawa. Postpaid $1.00.

ARTHRITIC PAIN FOR ARTHritic Pain take Fermol Rheumatic Arthritic Pain Tablets — get positive relief! At your druggist or send $1.00 today and receive one month's supply postpaid. Fermol Distributors, Box 712, London, Ont.

GOOD ADVICE! EVERY SUFFERer of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 335 Elgin, Ottawa. Postpaid $1.00.

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FRED A. RODDINGTON BUYS, sells, exchanges musical instruments. 111 Church, Toronto 2.

PHOTOGRAPHY

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You may not get all the films you want this year, but you can get all the quality and service you desire by sending your films to
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SEE WHAT YOUR HANDWRITing reveals and instructions how to read cards. $1. Madam Uneah, Sub Station 98, Toronto.

PATENTS

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WANTED

WANTED TO BUY: ALL KINDS OF hard wood and soft wood logs, also small quantity bolts. Write Bogden & Gross, Furniture Co. Ltd., Walkerton, Ont.

WANTED TO PURCHASE
HAY IN CARLOAD LOTS—FOR prompt or scattered shipment. Write Hugh M. Scott & Co. Hay and Grain Dealers, 485 McGill St., Montreal 1, P.Q.

PORTABLE SAWMILL WANTED. A. Baker, Gravenhurst, Ontario.

WANTED TO BUY, BUSH LANDS or Farms containing bush lands, suitable to cut furniture lumber. Write Bogden & Gross Furniture Co. Ltd., Walkerton, Ont.

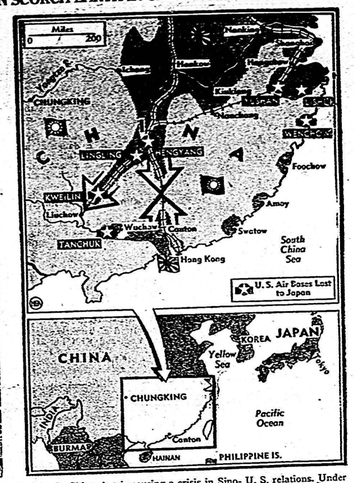
PAPER 'BOMB'

Out of a country whose dictator is a former paper hanger emanated this bomb-like compressed paper long-range fuel tank, found on an airfield captured by the Allies near Brussels, Belgium. An RAF man looks it over.

DESTROY DESTROYER

Photos above portray one of the most remarkable episodes of the war—a Japanese destroyer sunk by machine gun bullets. In top photo taken from one of four attacking U. S. Navy Hellcats, destroyer maneuvers in vain as the U. S. planes strafe. Finally their bullets penetrate an ammunition room or hit depth charges, and the Nip ship goes up with a bang, as seen below.

RETREATING YANK AIRMEN SCORCH EARTH IN CHINA



Photos and map above tell the story of the United Nations' defeat by Japs in China that is causing a crisis in Sino- U. S. relations. Under the rentlentless Jap drive to cut China in half, American air bases, most of them built by the blood and sweat of hundreds of thousands of Chinese men, women and children, have been abandoned and destroyed by the U. S. Air Forces. Thousands of tons of supplies, vitally needed ammunition and bombs, tons of precious aviation gasoline, all flown "over the Hump" at great cost in manpower and material, were put to the torch by General Chennault's men. Top photo show Chinese toiling to build one of the "hand made" airfields. Lower photo shows workers about to plant one of bombs that destroyed runway on Kweilin Field, major 14th USAAF base, before it was abandoned. Map shows airfields given up to Japs, with broad arrows indicating enemy's prime objective—junction of its northern anr southern forces.

'THE BIGGER THEY ARE . . .'

Seven-foot three-inch Jacob Nacken, right believed to be the tallest soldier in the German army, is pictured talking to a British war correspondent. Nacken, captured by Canadians at Calais, was an exhibit at the world's fair in New York.

SIEGFRIED SCENE

Leaning against one of the "Dragon's Teeth" of the Siegfried Line while a cow grazes peacefully nearby, an Allied soldier scribbles a note to his folks back home telling them all's quiet on the former battle front.

HEN ON A BAD EGG

Betty, a hen adopted by a Yank tank unit in St Lo, France sits on the bust of Hitler which decorates a tank outer Bienemann, of Kenosha, Wis., apparently contented with her position. Betty was perched on the tank's gun when the outfit rode into Paris.

CANADIAN PROVOST HONOR THEIR DEAD AT DIEPPE

In a Canadian Cemetery at Dieppe, these members of Second Canadian Division Provost Corps, (all Dieppe veterans of the Aug. 19, 1942 raid), hold a Memorial Service shortly after the occupation of Dieppe by Canadians two years later. Picture shows Provosts at the grave of their second-in-command killed during the raid in '42. Placing plaque on the grave is Capt. Chris Forbes, Wetaskiwin, Alta. Front row, left to right: Sgt. J. C. Webb, Athabaska, Alta. Cpl. D. H. Beattie, Toronto, Pte. A. R. Cumisky, Wartyme, Sask.; L/Cppl. J. C. O'Connor, Inverness, N.S.; Pte. J. H. Stoke, Victoria, B.C. and RSM G. W. Oakes, Victoria, B.C. Back row: left to right: Sgt. W. R. Escott, Tilbury, Ont.; Pte. I. E. Thompson, Hythe, Alta.; Pte. W. Harding, Toronto, Sgt. R. P. Ford, Brant, Alta.; Pte. F. A. Causton, Toronto, L/Cpl. K. MacMillan, Montreal, and L/Cpl. J. H. Corrye, Sault Ste. Marie, Ont.

WASHED UP

Making good the words of the ditty they sang in 1940, the British are now "Hanging Out The Wash on the Siegfried Line," a demonstrated by this RAF man who stretches his shirt across the barbed wire barrier on the "dragon's teeth" installations.

Now Ease COLD...SORE THROAT PAIN!

Aspirin Relieves Pain Almost Immediately!

Drop an Aspirin Tablet in a glass of water. See it start to dissolve almost *instantly*. Within two seconds it begins to disintegrate; and this same speed is duplicated in your stomach. Thus, you get relief almost at once!

Aspirin is so fast, so effective—above all, so dependable, that millions of Canadians have come to swear by it. Get Aspirin today.

Follow these simple directions:

For pain due to:

SORE THROAT: Crush 3 tablets in ½ glass of water, gargle deeply.

COLDS . . . HEADACHE: Take two Aspirin tablets with full glass of water.

NEURALGIA . . . NEURITIS: Take two tablets with glass of water.

NEW REDUCED PRICES
Pocket Box of 12 ..... now 18c
Economy Bottle of 24 ..... now 29c
Family size of 100 ..... now 79c

BAYER ASPIRIN
The Bayer cross on each tablet is your guarantee that it's Aspirin

WHAT A CHANGE MOTHER'S FRIEND WILL MAKE

When worm trouble is upset children really need Mother's Friend. When children are restless, irritable—Mother's Friend may be what they need. Mother's Friend has helped thousands of Canadian children and for over a decade Canadian mothers have depended on this kindly herbal remedy. Mother's Friend keeps children regular, is soothing, is effective. Ask your druggist.

MECCA OINTMENT
For Burns, Sores, Cuts, Etc.

THROAT SORE?
for common ordinary sore throat
JUST RUB ON MINARD'S "KING OF PAIN" LINIMENT
35c

GIRLS WANTED
Chance of a Livetime Now Yours
PLEASANT WORK—GOOD PAY
No Previous Experience Necessary
GRADUATE IN A FEW MONTHS
Here is a remarkable opportunity. War conditions have absorbed many hairdressers and has caused a very great shortage of help in this profession.
Learn Beauty Culture
Earn $60 to $150 Monthly
We have positions open and waiting for our graduates in almost every part of Canada. Many start own shops. WRITE or CALL for FREE LITERATURE. No solicitation.

Marvel Hairdressing Schools
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If you suffer MONTHLY FEMALE PAIN
You who suffer such pain with tired, nervous irritable weak feelings—due to functional monthly disturbance—Should try Lydia E. Pinkham's Vegetable Compound to relieve such symptoms. Pinkham's Compound HELPS NATURE. Thousands upon thousands have reported benefit. Follow label directions.
LYDIA E. PINKHAM'S VEGETABLE COMPOUND