

POULTRY and Dairy Produce
of all kinds wanted. Write for our
CASH OFFER
Pearson-Page Co. PORTLAND OREGON.

SECOND-HAND MACHINERY
Bought, sold and exchanged; engines, boilers, sawmills, etc. Send for Stock List and Prices.
THE J. E. MARTIN CO., 88 1st St., Portland, Or.

TYPEWRITERS, ALL MAKES
Large assortment. Special Prices. Remington and Smith Premier, \$15 up. Machines shipped on approval and guaranteed by Home concern. Write for samples of work, stating make preferred.
TYPEWRITER EXCHANGE, 351 1/2 Wash. St., Portland, Or.

TYPHOID is no more necessary than smallpox. Army experience has demonstrated the almost miraculous efficacy, and harmlessness, of Antityphoid Vaccination. Be vaccinated NOW by your physician, and your family. It is more vital than horse insurance. Ask your physician, druggist, or send for "Have you had Typhoid?" telling of Typhoid Vaccine, results from use, and danger from Typhoid Carriers.
THE CUTLER LABORATORY, BERKELEY, CAL.
PRODUCING VACCINES & SERUMS UNDER U. S. GOV. LICENSE

SUCCESS—
Depends Upon Your Training
Our courses in Shortland, Penmanship, Business Training and Telegraphy will equip you for a successful business career.
FALL TERM SEPTEMBER 7.
Behnke Walker
BUSINESS COLLEGE
Fourth Street, Near Morrison, Portland, Or.
We Guarantee Positions for All Our Graduates.
Write Us, No Trouble to Answer.

In Disguise.
Native—Yes, I says the squire be pleased. He gave us that bootiful free library.
Tourist—I'm glad you appreciate it; but you don't look like a reading man, either.
Native—No, sir; I don't use the library, but my old woman gets the job of cleaning it out!—London Opinion.

The United States lumber industry has an annual output valued at more than \$1,250,000,000.
French millinery trade does an annual business exceeding \$70,000,000 with foreign countries.

The national dignity of Mexico is vindicated. Carbajal fled in the dark and landed on the front page.

FARMER'S WIFE TOO ILL TO WORK

A Weak, Nervous Sufferer Restored to Health by Lydia E. Pinkham's Vegetable Compound.

Kasota, Minn.—"I am glad to say that Lydia E. Pinkham's Vegetable Compound has done more for me than anything else, and I had the best physician here. I was so weak and nervous that I could not do my work and suffered with pains low down in my right side for a year or more. I took Lydia E. Pinkham's Vegetable Compound, and now I feel like a different person. I believe there is nothing like Lydia E. Pinkham's Vegetable Compound for weak women and young girls, and I would be glad if I could influence anyone to try the medicine, for I know it will do all and much more than it is claimed to do."—Mrs. CLARA FRANKS, R. F. D. No. 1, Maplecrest Farm, Kasota, Minn.

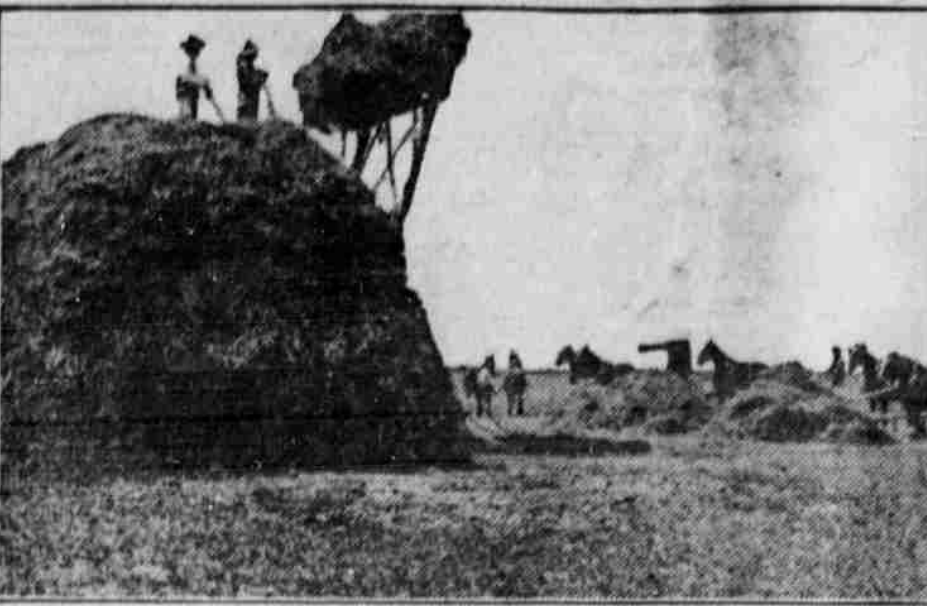
Women who suffer from those distressing ills peculiar to their sex should be convinced of the ability of Lydia E. Pinkham's Vegetable Compound to restore their health by the many genuine and truthful testimonials we are constantly publishing in the newspapers.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

P. N. U. No. 39, 1914

WHEN writing to advertisers, please mention this page.

FARMER DETERMINES EFFICIENCY OF FARM



Improved Farm Implements Are Great Time and Labor Savers.

The farmer himself, in the last analysis, determines the efficiency of every successful farming enterprise, according to the government's farm management investigations. These investigations were carried on to determine just what were the main factors making for success in agriculture. The farmer who comprehends and applies the principles of good farm organization, selection of good seed, tillage, and feed, who is quick to understand the readjustment and improvement of existing systems in case of need, is the farmer who gets the maximum result with the minimum expenditure of money and effort.

Although the farmer may not understand the meaning of "applied economics," he will many times, through experience and training, know how to use the science much better than one versed only in the general theories. The United States department of agriculture's investigator has listed other factors of efficiency in farming as follows:

The magnitude of the business, whether measured by area of land farmed, amount of working capital employed, or the number of days of productive labor provided.

Organization, which determines the degree of diversity of enterprises on the farm which may be made to provide full occupation to the available labor and equipment while avoiding the necessity of hiring large amounts of extra labor.

System of management: It is shown that neighboring farmers, with similar types of farming, devote very different amounts of time to the various classes of enterprises on their farms because of the lack of standard systems of management of these enterprises, and it is not always the man who devotes the most time to an enterprise who makes the largest profits from it. Lack of system means lost motion and useless work.

Adaptability of enterprises: In order that the farm may be profitable the crops and live stock maintained upon it must be adapted not only to local condition of soil and climate but also to existing economic conditions.

Quality of the business: The income per animal unit is a very important factor in profit. Yield per acre is also important, but less so than the income per animal unit. Moderate yields may be more profitable than very high yields.

On a farm which combines a large number of these factors of efficiency, profits are greater than on those which are efficient in fewer things. Many other factors of efficiency exist, but they are not here dealt with for lack of sufficient data.

Adaptability of Enterprises. One of the most important factors in determining profit in farming is the adaptability of enterprises to soil and climatic conditions, and especially to existing economic conditions.

The following table gives an estimate of the average labor income for

one of the leading dairy counties in the state of Wisconsin and one of the leading dairy counties in the state of Massachusetts. The calculations are based on census figures in so far as these are available.

The estimated cost of maintenance of buildings, implements and machinery taxes, and miscellaneous expenses are based on the results of farm-management surveys and other investigations conducted by the office of farm management. Unfortunately, certain items necessary to determine accurately the labor income are missing.

To sum up, the labor incomes, together with the interest on the investment, which make up the farm income, require the following modification in order to represent the sum available annually for the family living: The farm income should be increased by the amount of milk and cream consumed on the farm where it is produced and by the amount earned by the farm family from other sources than the farm, including, of course, interest on investments other than in the farm, and it should be reduced by the amount paid for live stock bought. The figures are therefore only of value as a comparison between different regions, for the same defects inhere in the estimates of the two regions.

Estimate of the Average Labor Incomes for Farms in a Leading Dairy County in Wisconsin and One in Massachusetts.

Selected county in Wisconsin.		Selected county in Massachusetts.	
Items of Comparison.	Wisconsin, setts.	Massachusetts.	
Number of farms.....	2,354	5,495	
Improved land per farm, acres.....	65.0	34.2	
Number of cows per farm.....	12.7	5.02	
Improved land per cow, acres.....	5.28	4.80	
Total farm investment.....	\$10,900	\$7,945	
Value of farm buildings.....	2,275	3,292	
Value of implements and machinery.....	208	400	
Dairy products, per cow.....	42	106	
Value of Products.			
Dairy products (exclusive of home-used milk and cream).....	505	531	
Wool and mohair.....	1	
Poultry products.....	124	183	
Domestic animals sold.....	215	175	
Domestic animals slaughtered.....	42	20	
Value of crops not fed.....	578	855	
Total.....	\$1,669	\$1,795	
Expenses.			
Labor.....	\$ 145	\$ 521	
Fertilizers.....	1	74	
Feed.....	44	204	
Maintenance of buildings, 4.5 per cent.....	102	145	
Maintenance of implements, etc., 20 per cent.....	74	81	
Taxes, 0.6 per cent.....	63	45	
Total (designated expenses).....	429	\$1,274	
Miscellaneous expenses.....	64	191	
Total (all expenses).....	493	1,465	
Farm income*.....	\$ 1,072	\$ 330	
Interest on investment, 5 per cent.....	575	391	
Labor income*.....	558	—61	

*Should be increased by the value of home-used milk and cream and receipts from outside sources. Should be decreased by the amount paid for live stock purchased.

BEST LENGTHS FOR SILAGE

Question is One Upon Which Much Difference of Opinion is Manifested Among Farmers.

(By H. H. KILDEE, Iowa Experiment Station.)

In response to inquiry as to the best lengths for cutting corn to put into the silo, Professor Kildee of the Iowa Agricultural college, makes the following reply:

"The question as to the proper lengths in which corn should be cut when put into the silo is one upon which much difference of opinion is manifested. Some advocate as long as one and one-fourth inches, others less than one-half inch or approximately one-fourth inch, and the majority intermediate lengths. The short cuts, such as the one-fourth and one-half inch, require more power, but insure a more palatable silage, resulting in less waste in feeding, and make it easy to pack it thoroughly at time of filling. This packing helps to stimulate the silage, thus improving the

quality, and makes it possible to put a greater quantity of corn in the silo.

It is more essential that thoroughly mature corn be cut into shorter lengths than corn that is more immature and succulent, as much of the dry portions will be wasted by animals on full feed if not cut into small pieces. When one considers the matter from all standpoints, it is evident that the common practice of cutting the corn into one-half to three-fourths inch lengths is the preferable one. The writer has made it a practice to cut the corn into three-fourths-inch lengths, but realizes that when corn becomes dry the one-half inch cut is more desirable. If the correspondent wishes a shorter cut for the upper part of the silo I would recommend the upper third be filled with one-half inch cut.

Should Keep Good Mothers. The good setter is not always the best hatcher of chicks. If you had a few good mothers last year they should have been set at the same job this season, unless you went a step farther and bought an incubator.

WINCHESTER

12, 16 AND 20 GAUGE

Hammerless Repeating Shotguns

The Model 1912 Winchester is the lightest, strongest and handsomest repeating shotgun on the market. Although light in weight, it has great strength, because its metal parts throughout are made of nickel steel. It is a two-part Take-down, without loose parts, is simple to operate and the action works with an ease and smoothness unknown in guns of other makes. See one at your dealer's or

Send to Winchester Repeating Arms Co., New Haven, Conn., for circular.

THE LIGHT WEIGHT, NICKEL STEEL REPEATER.

It Stumps the Devil.

The devil was reading the war news o'er. At each fresh item he gave a roar. "It sickens me even to think of that gore," said the creature in red. "The kings who plan out such misery, the horrible torture and butchery, to call them 'devils' is flattery," and he shook his head.

"I've never been called fastidious, but when Sherman said 'War is hell,' the cuss was altogether unjust to us," Beelzebub said.—Boston Advertiser.

A motorman was arrested for running over a hose. Being a fire hose, the M. M. failed to notice it.

Good Time to Bite.

A farmer met a man at a railroad depot who asked him for a chew of tobacco. The farmer pulled out a plug and said:

"Have you got a knife?" "No," replied the man. "Have you any particular place where you want me to bite it?"

"Nope," said the farmer. The man jumped aboard the moving train and yelled back:

"All right, then, I'll bite it in the next town."—National Monthly.

It Cures While You Walk.

Allen's Foot-Ease is a certain cure for hot, sweating, callus, and swollen, aching feet. Sold by all Druggists. Price 25c. Don't accept any substitute. Trial package FREE. Address Allen S. Olmsted, Le Roy, N. Y.

Needed Support.

When a certain darky of Mobile, Ala., announced his engagement to the dusky one of his choice the congratulations that were showered upon him included a note of wonder.

"Joe," said one of these friends, "I shore is surprised! We-all never thought you'd speak up. It's going on two years since you began to fool around Miss Violet."

"Dat's true," said Joe, "but de fact is, old man, I didn't lose my job until last night."—Judge.

YOUR OWN DRUGGIST WILL TELL YOU Try Murine Eye Remedy for Red, Weak, Watery Eyes and Granulated Eyelids; No Smarting—Just Eye Comfort. Write for Book of the Eye by mail free. Murine Eye Remedy Co., Chicago.

No Peace Without Disarmament.

If there is any benefit to civilization to be extricated from wholesale slaughter and destruction, it is by checking for a long term of years the mad competition in armaments. There is no reason for the deliberate and voluntary suicide of western civilization by the devotion of productive power to armaments and wholesale murder.—Wall Street Journal.

ARE YOU CONSTIPATED?

Wright's Indian Vegetable Pills have proved their worth for 75 years. Test them yourself now. Send for sample to 372 Pearl St., New York. Adv.

The Why of the Tip.

The reason why the tipping system will never be abolished is that the attitude of the average patron of the restaurant toward the high-mighty waiter is that of Alice, who wept with delight when Ben Bolt gave her a smile and trembled with fear at his frown.—Louisville Courier-Journal.

Worms expelled promptly from the human system with Dr. Peery's Vermifuge "Dead Shot." Adv.

Very Brief Lesson.

Farmer (to country boarders)—Sorry that you young folks got stung. How'd it happen?

Spokesman—Well, you see, we were standing beside the beehive wondering how the bees made honey. I guess they must have overheard us, for they came out and gave us a few points.—Boston Transcript.

Doubt Removed.

Teacher—What's the matter? Maggie—Has mulberries got any legs, teacher? Teacher—No, of course not. Maggie—Then I swallowed a caterpillar.—Indianapolis Journal.

Putnam Fadeless Dyes make NO MUSS.

A Practical Reason. Hamlet—Why is it, Simon, that they always have bloodhounds in an "Uncle Tom's Cabin" show? Simon Legree—To find the manager on salary days, my boy.—Puck.

Use Roman Eye Balsam for scalding sensation in eyes and inflammation of eyes or eyelids. Adv.

If a man who steals a child is a kidnapper, why isn't one who steals your pet cat a catnapper?

The United States in 1913 produced more than 11,000,000 sand lime brick.

War Leaders Are Old Men.

The European war seems to disprove the old saying, "Young men for war, old men for counsel." The leaders in all nations are men no longer young. Some of them are really old. Here are a few of them.

England's war chief, Horatio Herbert Kitchener, general and viscount, was born in Bally Longford, County Kerry, Ireland, June 24, 1850, the son of a lieutenant colonel in the British army. He entered the army in 1868.

Field Marshal Sir John French, commander-in-chief of British forces in the field, was born in England in 1852, the son of a naval officer. He served with distinction in the army in India and in South Africa.

General Joffre, commander-in-chief of the French army, is 62 years old. He entered the French army when he was 18 years old and served through the Franco-Prussian war. He is a noted disciplinarian.

General Helmuth von Moltke, chief of Kaiser William's general staff, was born May 23, 1843, in Geradorf, Mecklenburg. He is a veteran of the Franco-Prussian war and a field marshal. Premier Stephan Tisza, of Hungary, called "the dual monarchy's man of the hour," was born in April, 1861. He has been prominent since 1886 in Hungarian political life.

Emperor Francis Josef of Austria was born August 18, 1830, and has reigned since 1848.

King Albert I of Belgium was born April 8, 1837.

Emperor William II of Germany was born January 27, 1859, and has reigned since June 15, 1888.

Emperor Nicholas II of Russia was born May 18, 1868, and has been on the throne since November 1, 1894.

King Peter I of Serbia was born in 1846 in Belgrade, and was proclaimed king June 11, 1903.

King George V of England was born June 3, 1865, and succeeded his father May 6, 1910.—Detroit Free Press.

The Lascor Evil.

The little boy was evidently a firm believer in the old adage, "Of two evils choose the least." Turning a corner at full speed he collided with the minister.

"Where are you running to, by little man?" asked the minister, when he had regained his breath.

"Home!" panted the boy. "Ma's going to spank me."

"What!" gasped the astonished minister. "Are you eager to have your mother spank you that you run home so fast?"

"No," shouted the boy over his shoulder as he resumed his homeward flight, "but if I don't get there before pa he'll do it!"—Minneapolis Journal.

Quick Relief When Utterly Worn Out

Getting the Blood in Order Is Required by Most People.



If you think you have gone to smash and sit only for the discard, try S. S. S. for the blood. It will surprise you to know what can be done for health once the blood is released of the excess of body wastes that keep it from exercising its full measure of bodily repair.

If you feel played out, go to any drug store and ask for a bottle of S. S. S. Here is a remedy that gets at work in a twinkling; it just naturally rushes right into your blood, scatters germs right and left, up and down and sideways.

You feel better at once, not from a stimulant, not from the action of drugs, but from the rational effect of a natural medicine.

The ingredients in S. S. S. serve the active purpose of so stimulating the cellular tissues of the body that they pick out from the blood their own essential nutriment and thus repair work begins at once. The relief is general all over the system.

Do not neglect to get a bottle of S. S. S. today. It will make you feel better in just a few minutes. It is prepared only in the laboratory of The Swift Blood Co., 539 Swift Bldg., Atlanta, Ga. Send for their free book full of the many strange conditions that afflict the human family by reason of impoverished blood.