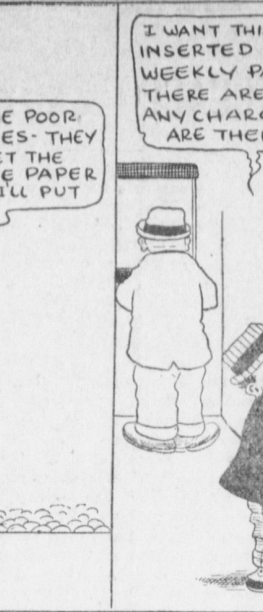


HANK AND PETE



PETE THOUGHT THE MAN'S SIZE COUNTED-NOT THE 'ADVERTISEMENT'



H.H. Engle
FLORIN
Sells the Champion Cream Saver

THE NEW DE LAVAL

NINE separator users out of ten turn the handles of their machines too slowly, and when this is done, not only will the machine not skim as clean as it should, but the thickness of the cream will vary.

While it is possible to adapt the capacity of the machine to the speed, it is not desirable to do this, because even if fairly clean skimming is accomplished at varying speeds, the cream will not be uniform in thickness.

There is only one satisfactory solution, and that is to make it practically impossible for the operator to run his machine at any but the proper speed.

Every NEW De Laval is equipped with a bell speed-indicator

the "warning signal" that rings when the separator handle is being turned too slowly, preventing loss of butter-fat caused by too slow operation and insuring the delivery of a cream of uniform thickness.

This simple device is patented by the De Laval Company and is found only on De Laval machines. It is only one of the many important improvements in the NEW De Laval. If you are considering the purchase of a separator, come in and let us show you a machine that has more good features than any separator you have ever seen.

GROWING CORN PROFITABLY

Good seed, well-fitted soil, proper planting, frequent, level and shallow cultivation, and abundant well-balanced plantfood, are the five main essentials in successful corn growing. Men, all over the country, who are growing seed and show corn, the boys in the corn growing contests, and farmers who are producing large and profitable yields are practicing these five cardinal principles of successful corn growing. In 1912, Dewey Hanes, an Ohio boy, raised 139 bushels per acre. In 1915 he brought the yield up to 153 bushels, and last year, 1916, a poor corn year, he again won the first prize in Ohio with a yield of 137.5 bushels per acre, thus winning the title, "Champion Corn Grower of Ohio." He also won the title as Junior wheat champion in 1915 with a yield of 53.3 bushels per acre on five acres. He observes all five principles in growing crops, including the liberal use of suitable fertilizers.

Getting Early Maturity.

To know what fertilizers to apply to corn, it is necessary to know the duties of these three plantfoods. Nitrogen, usually referred to as ammonia, is very largely concerned with the production of stalk growth and giving color to the plant. If you see a short, stunted yellowish or pale green plant, it means that the soil is deficient in ammonia. Phosphoric acid produces a large root growth, aids in forming the ear on the stalk produced by nitrogen, hastens maturing and improves the quality.

It invariably happens that corn will mature from ten days to two weeks earlier on a field well supplied with phosphoric acid than it will on a field deficient in phosphoric acid. This length of time frequently means the difference between soft and mature crops. The third plantfood, potash, is largely concerned in producing a strong stalk, and the transportation of the starch or plantfood digested in the leaf to the various parts of the plant. While the corn plant cannot talk, it has a way of telling us when it is hungry for certain plantfoods. If we bear the preceding facts in mind, and observe our growing corn, we will be able to tell just what plantfoods they require.

What the Corn Needs.

A good corn fertilizer should have from one to three per cent ammonia, eight to twelve per cent phosphoric acid, and two to four per cent potash, unless it is used on a muck soil where from six to ten per cent potash should be used when it can be purchased. If the fertilizer is to be used on a sandy soil, it should have at least two to three per cent ammonia, eight to ten per cent phosphoric acid, and two to four per cent potash. For corn on a clay soil, especially if there has been some live stock manure applied, two per cent ammonia may be adequate along with ten to twelve per cent phosphoric acid and not over one or two per cent potash.

The best results are now being obtained from the use of from 400 to 600 pounds of fertilizer to the acre on corn. The best way to apply the fertilizer is to put on about 100 pounds to the acre with the fertilizer attachment of the corn planter when planting the corn, and all amounts above this through the fertilizer attachment of the grain drill or a low-down lime and fertilizer distributor before the corn is planted. If the corn planter has no fertilizer attachment, all the fertilizer may be applied before planting the corn, through the fertilizer attachment of the grain drill, or through a low-down lime and fertilizer distributor, being careful to disk it well into the soil before the seed is put into the ground. With present prices for farm products, larger yields are more important than ever before. In fact, rising costs of production make larger yields necessary for profits.

NEGLECTED VALUES IN FOOD ECONOMY

Little Talks on Health and Hygiene by Samuel G. Dixon, M.D.

In the United States there is always a waste of foodstuffs. This continues in time of war, but it changes in character. Some food that is valuable in time of peace becomes worthless in time of war because labor to harvest it is scarce.

There are other foods which are of little value in time of peace because of the cost of labor to harvest them by the ordinary methods, men preferring to devote their time to something more immediately productive. Some of these take on a value in time of war because of their peculiar character and wide distribution in a suburban or country district and because they are harvested without the labor of man.

Take for example the grasses scattered over vast areas of our country which grow sparsely and are harvested by the simple process of being eaten by animals.

Imagine a poor family composed of father and children, left without male support on account of the war and living in a suburban or country district on the wildest and most poorly fertilized land, valueless in time of peace. Food economy for this family animal that could directly consume these wild grasses and allied vegetable matter, vast quantities of which are widely scattered in our country over mountains, valleys, plains, and rocky volcanic formations that can only be traversed by some of the lower animals.

These animals will substitute for the labor of man, travel in these almost impossible places and eat or harvest these little bunches of grass until a day's "labor" will enable them to carry to the little domestic center a liberal quantity of milk, one of the most valuable foodstuffs known to man for everyday uses and prices in the days of sickness, when most other foods fail.

This sort of waste land is treated with such indifference in time of peace that in time of war it is not thought of, but now our people should consider the suggestion and try to take advantage of it.

It is to give it a certain amount of labor by men is necessary to prepare food in the summer to carry the cattle through the winter.

Besides the cow, which has been taken as an example, we may add sheep, etc. They will feed on the same character of food and take care of themselves until they grow into large fowls, weighing five or six pounds apiece. Their flesh represents a delicious and valuable food, prepared with little or no human labor involved.

To these animals can be added many others such as ducks, goats, sheep, etc. They, too, like the cow, can feed themselves on natural vegetation which is of such poor quality that it is generally looked upon as worthless.

If this proposition were worked out and understood, the principle could be adapted to a broad field that would mean much to the comfort and well-being of our people, as well as add strength to the national defense.

RELIGIOUS NEWS IN OUR CHURCHES

NEWS PERTAINING TO ALL THE CHURCHES IN MOUNT JOY BORO AND THE ENTIRE SURROUNDING COMMUNITY

Following is the news of every church in this community as supplied by the various pastors. If the doings of your church and Sunday School are not noted here, see that your pastor sends us the news.

Church of God
Rev. I. A. MacDannald, Pastor
The regular services Sunday.

Reformed Mennonite
Rev. Christ S. Nolt, Pastor
There will be Communion services in the Reformed Mennonite church on West Main street next Sunday morning at 9:30 instead of 9:45.

United Evangelical Church
Rev. A. M. Sweigert, Pastor
Sunday School at 9:30 A. M. Preaching at 10:30 A. M. and 7 o'clock.
Wednesday evening at 7:30 P. M. Prayer Meeting.
Chorus practice on Friday evening.

Presbyterian Church
Rev. F. G. Bossert, Pastor
9:15 Sabbath School. The monthly Missionary program will be rendered. 10:30 Divine Worship and Sermon. Subject, John Knox, the Reformer of Scotland.
7:30 Evening Worship at Donegal. Prayer Meeting this evening at 7:30. Subject, Lessons from the Camps and Cantonnments.

Methodist Episcopal Church
Rev. Thomas Roberts, Pastor
Sunday School at 9:15 A. M. Preaching Service at 10:30 A. M. Junior League at 2 P. M. Epworth League at 6:30 P. M. Preaching Service at 7:30 P. M. Mid-week prayer service on Wednesday evening.
Bible Study class on Friday evening.

United Brethren Church
Rev. D. E. Long, Pastor
9:00 A. M. Sunday School.
10:15 A. M. Preaching Service.
6:00 P. M. Junior C. E.
8:00 P. M. Intermediate C. E.
7:00 P. M. Preaching Service.
Wednesday evening prayer meeting and Teacher training.
Christmas exercises by the Sunday School on the evening of December 23.

St. Luke's Episcopal Church
Rev. H. D. Speakman, Rector
The Twenty fourth after Trinity, will be celebration of the Holy Communion at 7:30.
Morning Prayer and sermon at 10:30.
Evening service at 7:30.
Sunday School and Bible class at 9:15.
Morning subject, "The Master of Prayer."

Special Missionary Services
The coming Sunday will be observed as "Missionary Day" in the Florin U. B. Church. In the forenoon the Pastor, Rev. O. G. Romig, will preach a special sermon on "The Harvest and the Laborers." At 1 P. M. he will give an illustrated address on "How We Spend Our Money" to the Juniors. In the evening "Woman's Day" will be observed and the program will be in charge of the Woman's Missionary Association of the church. The program is as follows: Song by Congregation, Scripture Reading, Prayer, Song by the Society, Recitation, Charles Kraybill; Exercise, "Little Light Bearers"; Solo, Grace Hamilton; Recitation, Albert Booth; Exercise by six girls; Anthem by the Choir; Exercise, "Greenland's Ice Mountains"; Duet, Elsie LeFevre and Mildred Booth; Address by Pastor; Recitation, Edith Cox; Offering; Song by Congregation and Benediction.

A cordial invitation is extended to all to attend these interesting services.

Speed up Your Hens

If you want to get the most out of your poultry, keep them healthy. You can positively do this with **Cal-Sino** RESTORATIVES

Recommended by Practical Poultrymen everywhere. Contains the most concentrated and most potent medicines for Hens, Cocks and Hens. Write Cal-Sino Co., Baltimore, Md., for Free Silver Spoon Offer.

FOR SALE BY
W. D. CHANDLER & CO.
Druggist, MOUNT JOY, PA.

USE OF LEISURE TIME A FACTOR IN SUCCESS.

Time Not Spent in Working, Eating or Sleeping May Determine Efficiency.

"How do you spend your leisure time?" is the question which appears on the application blanks for employment in some of the largest business houses today. To some this may seem an unnecessary intrusion on the private life of the individual, but the way in which a worker utilizes the interval between 5 and 6 p. m. and 8 or 9 a. m., as well as his holidays and Sundays, has an important bearing on his efficiency. Dull heads and unsteady hands, which are often the by-products of misused leisure hours, are distinct liabilities in any work, whether it be mechanically routine or of the sort that requires judgment and adaptability.—*Industrial Conservation, New York.*

HOW TO SAVE A BILLION A YEAR.

Co-operation Between Wage-Earner and Wage-Payer Will Save an Enormous Loss.

There is an estimated waste of a billion dollars annually in industry in the United States, due to labor troubles. This billion dollars could better be employed to the advantage of both the man who hires and the man who is hired. Capital can gain no advantage by fighting labor, and labor can gain no advantage fighting capital. The result of the battle is always an expensive draw.

On all sides, however, are to be found evidences that both parties have begun to realize the futility of endless friction.—*Industrial Conservation, New York.*

THE HUMAN NOTE IN INDUSTRY

Will Be Most Strongly Accentuated in Coming Years, Says Edison.

"Problems in human engineering," predicts Thomas A. Edison, the electrical wizard, "will receive during the coming years the same genius and attention which the nineteenth century gave to the more material forms of engineering."

"We have laid good foundations for industrial prosperity. Now we want to assure the happiness and growth of the workers through vocational education and vocational guidance and wisely managed employment departments. A great field for industrial experimentation and statesmanship is opening up."—*Industrial Conservation, New York.*

NEED FOR LOYAL WORKERS.

Men Who Will Exert Best Efforts to Help Win War.

It would be impossible to overestimate the importance of labor in its relation to the war, and the necessity for every workman to give his best efforts in order not to handicap the government in its work of carrying the war to a successful termination.

The loyal American workman may be depended upon to do his full duty if he is not led by the mistaken policies of his leaders to do the things which his own conscience and his own reason tell him are wrong.—*Industrial Conservation, New York.*

USE OF LEISURE TIME A FACTOR IN SUCCESS.

Use of Time Not Spent in Working, Eating or Sleeping May Determine Worker's Efficiency.

"How do you spend your leisure time?" is the question which appears on the application blanks for employment in some of the largest business houses today. To some this may seem an unnecessary intrusion on the private life of the individual, but the way in which a worker utilizes the interval between 5 or 6 P. M. and 8 or 9 A. M., as well as his holidays and Sundays, has an important bearing on his efficiency. Dull heads and unsteady hands, which are often the by-products of misused leisure hours, are distinct liabilities in any work whether it be mechanically routine or of the sort that requires judgment and adaptability.—*Industrial Conservation, New York.*

Special Announcement

MR. O. H. SHENK, of Lancaster, distributor of PAIGE CARS for Lancaster County has placed the local agency for these most popular cars, and the car that every one will want when they once realize the merits of this car, with

Daniel E. Felker
Mount Joy, Pa.

APPLY NOW FOR
1918 AUTOMOBILE LICENSES

There will be no extension granted this year. You must have your new tags January 1st.

HENRY G. CARPENTER
NOTARY PUBLIC
Opposite Post Office, MOUNT JOY, PA.

GET READY NOW!

Reduce the cost, buy now for next year. We have shoes bought 10 to 14 months ago. Some are being delivered to us now at prices when bought.

The light rubber stock is almost exhausted. We cannot secure any more, even though we had ordered 9 months ago.

Buy Aretics and Heavy rubbers now before this stock is all sold.

Buy heavy shoes and do not wear rubbers. We have a large stock of both. We guarantee all our shoes, and fit correctly.

S. B. Bernhart, Mount Joy

250 YEARS OF PROFITABLE GRASS

In England there is a park at the famous Rothamsted experiment station, which has been used as a meadow for more than two and one-half centuries, which was used as a hay field at the time of the Revolution, and which was in sod when America was being colonized. This park has been top dressed annually for the last sixty years. At the beginning of this period it was producing about 1 1/4 tons of hay per acre. Where fertilizers have been used, the average acre yield for 50 years has been in one case 2.7 tons, in another 3.3 tons, and in a third case 4.1 tons, depending upon the amount of top dressing applied. This is really a wonderful accomplishment, and should make those farmers who are content with "mining" instead of farming, with robbing the soil and year after year getting smaller and smaller crops, feel that possibly they are using to the fullest, the opportunities given them.

OVERWORKED, TIRED WOMAN TOOK VINOL

Now She is Strong and Hearty

Philadelphia, Pa.—"I was overworked, run down, nervous, could not eat or sleep. I felt like crying all the time. I tried different remedies without benefit. The doctor said it was a wonder I was alive, and when Vinol was given me I began to improve. I have taken eight bottles and am now strong and perfectly healthy in every respect, and have gained in weight. I can not praise Vinol enough."—Mrs. Sarah A. Jones, 1025 Nevada St., Philadelphia, Pa.

We guarantee Vinol to make overworked, weak women strong or return your money. Formula on every bottle. This is your protection.

W. D. CHANDLER & CO.
Druggists, MOUNT JOY, PA.

Stop That Cold At Once

CASCARA QUININE

The old family remedy—in tablet form—safe, sure, easy to take. No opiate—no unpleasant after effects. Cures colds in 24 hours—Grip in 3 to 5 days—Money back if it fails. Get the genuine box with Hill's Picture on it. Hill, Top and Mr. Hill's Picture on it. 24 Tablets for 25c.

At Any Drug Store
Mar. 18, 1918

THANKS—Mr. John A. Zahn and children wish to thank all friends who so kindly assisted during their recent bereavement. nov.14-17

It pays to advertise in the Bulletin. Advertise in the Mt. Joy Bulletin

DONOVAN'S

PAY CAR FARE

Ride to LANCASTER Free

Do all your shopping at Donovans and have your round trip car fare refunded

On all purchases amounting to \$10.00 or more of any merchandise throughout our entire store (with the single exception of Victor and Columbia products) we will refund your entire round trip trolley fare in cash. Donovans is the only store in Lancaster that will do this—giving you all the opportunities and privileges of the people living right here in Lancaster.

Thousands of people take advantage of this broad offer knowing that Donovan's prices are the lowest in Lancaster and that for styles and quality of merchandise and store service they can't be beaten.

Opportunity Day

Offering every one one hundred articles in every department in the entire store at specially reduced prices affords big savings on the newest and most desirable merchandise and costs you not a penny more than the thousands of people who shop here every Wednesday.

Ask about it the next time you come to Lancaster

Get It At **DONOVANS** Lancaster

Subscribe for the Mt. Joy Bulletin. Advertise in the Mt. Joy Bulletin