

# THE FARMER'S COLUMN

Some Practical Suggestions Well Worth Knowing From the Department of Agriculture.

## FACTS FOR DAILY USE

**FOR THE LATE CORN CROP**  
Owing to the cold wet season and the severity of cutworms the corn crop in many places is unusually late and poor at the present time. Farmers are asking if anything can be done to give them help in this regard and Zoologist H. A. Surface of the Pennsylvania Department of Agriculture has replied as follows:

"The cutworm can be killed by the poison bran mash. It is now nearly time for them to quit feeding and transform into moths. This regular habit of the cutworms has given rise to the belief that hot weather kills, or that they burst and die at a certain time of the year. They change to dark colored moths, such as commonly fly at night during the summer and which lay eggs at the roots of vegetation, where the young worms hatch and commence feeding toward the end of summer, remaining in the soil during the winter to feed again in the spring. This is why the best method of destroying them is to plow the grass ground in the fall.

"Corn will be helped considerably by harrowing it shortly after it is through the ground, then cultivating as frequently as possible by shallow cultivation. If the ground is surely too wet for deeper cultivation, it is a good plan to stimulate its growth by the use of a quickly acting nitrogen fertilizer, such as nitrate of soda or dried blood, strewn along the rows, or sown broadcast over the fields. This invigorated growth enables it to grow away from the pests, or become stronger when attacked by them, and it also helps it to mature earlier in the fall. Whatever will add to the vigor of the plant while it is young will tend to increase the earliness of the maturity, and a difference of week or ten days added to the date of the first killing frost, will amount to a great deal in regard to the perfection of the corn crop."

## WATCH FOR THE ORANGE-HAWK WEED.

Several specimens of the Orange hawk weed have recently been received by the Pennsylvania Department of Agriculture and farmers are urged to use every precaution to prevent their spread.

The plant grows from six to twenty-four inches high and has a whiplike leaves at the ground and only the flower stems reaching to the tops. Both the leaves and flower stems are hairy, the flower heads being orange to orange red in color and from one-half to an inch across. The flowers bloom in June. The weed is a perennial herbaceous plant, so that the root as well as the top must be killed to get rid of it. Where a field is infested the best method for its extermination is to put the field in a hoed crop and cultivate it so thoroughly that not a green leaf is allowed to appear upon the roots during the season.

Another method sometimes recommended is to kill it by the use of fine ground salt. Use from one to four quarts to a square rod and apply during a hot sunny day. It is claimed for this method that the orange hawk weed will be killed with little permanent injury to the grass on strong soils. Just the amount of salt needed must be learned by experimenting. Try it on a small corner of the meadow before applying to the whole field. Having killed the plants rake them up and sow more grass seed by raking it in the soil.

## PROTECTING THE CLOVER FIELD.

"Much damage is done the clover fields, by allowing stem growth," says J. T. Campbell farm advisers of the Pennsylvania Department of Agriculture. "Last fall many fine fields of clover were in evidence over the State. Many farmers let the clover grow up and took off a crop late in the fall, and is mown late, many of the plants die and the crop the following season is very materially shortened. I have been in fields in which more than two-thirds of the plants were dead, apparently from this cause.

"The clover should be clipped as soon as the grain is off the field, and as soon as the plants begin to form stems, clip it again. The idea is to promote a large leaf growth and to discourage stem growth. Leaf growth will strengthen the crowns and the roots while stem growth is always at the expense of the vitality stored in the roots. The end of nature is to reproduce and when the clover plant has bloomed it has accomplished its work, or attempted as much. If a

## 10,412 DEATHS IN STATE IN A MONTH

The forces of Disease, moving to the attack under the command of General Death, practically wiped out a division during their April campaign in this state, according to the report of the bureau of vital statistics of the state department of health issued on Tuesday.

The fatalities during the month were 10,412. However the records show that reinforcements numbering 19,092 arrived during that period, that many births being recorded.

Measles, commonly regarded as a harmless sort of disease, was responsible for the loss of approximately three companies, deaths from that disease totaling 285.

During March there were 263 deaths from measles. Pneumonia was responsible for the loss of a regiment and a half. The white plague made away with another regiment. Acute melancholia wiped out a full company, 101 people disappearing by the suicide route. During the previous month there were only 74 suicides.

The total number of deaths reported were as follows:

Typhoid fever, 60; scarlet fever, 15; diphtheria, 98; measles, 285; whooping cough, 94; influenza, 173; malaria, 2; tuberculosis of lungs, 841; tuberculosis of other organs, 183; cancer, 508; diabetes, 88; mumps, 47; acute anterior poliomyelitis, 2; pneumonia, 1457; diarrhoea and enteritis, under two years, 251; diarrhoea and enteritis, over two years, 68; Bright's disease and nephritis, 797; early infancy, 537; suicide, 161; accidents in mines, 80; railway injuries, 106; other forms of violence, 456; all other diseases, 1164.

According to statistics compiled, the March death rate has declined from 18.4 per cent in 1906 to 16.1 in 1916. Deaths during April this year were above the average for the past five years, but showed a decrease from the average of ten years ago.

The gains have been made as a result of the fight against contagious diseases. The average of the deaths from diseases incident to old age remains a constant factor, while the deaths from accidents and violence of various kinds show a tendency to increase.

## ECONOMY IN USE OF CREAM SEPARATORS.

Thirty-eight per cent of the farmers of Pennsylvania are using cream separators, according to statistics gathered by the Pennsylvania Department of Agriculture. The percentages range from three to eighty per cent in the various counties, and indicate that about 83,000 separators are in use in the State.

The largest percentage of the cream separators are used where the major portion of the milk is sold to creameries or made into what is called "country" butter. In the counties where there are a large number of creameries the widespread use of the separator is brought about through an economic standpoint which has proven advantageous both to the farmer and to the creameries. The farmer upon completing milking takes milk to the separator and the cream is separated for the haul to the creamery and the skim milk, still retaining much of the natural animal heat, is fed to the pigs and calves. By separating the cream the weight and bulk of the haul to the creamery, either by the farmer or the creamery agents, is materially reduced and the farmers retains the skim milk, in his best condition, for thriving feed for his livestock.

Through the efforts of the good roads committee of the Johnstown Chamber of Commerce improvements will be made on the Camp Harmony road this fall, from the Quemahoning dam to Stoyestown. The Johnstown people interested will furnish the material for part of the road improvement and the County Commissioners are expected to supply the rest. The road is six miles long between the points named and is much used.

crop of hay is wanted next year, clip the clover and prevent the growth of stems, and do not take a fall crop of hay off the field."

The corn is unusually backward and there has been a decided falling off in the acreage planted. Cut worms have given the farmers much trouble in the corn fields.

Dairy experts declare that there has been an improvement of almost fifty per cent in the condition of the dairy cattle of the State during the past ten years and the farmers are beginning to realize the great advantage of pure bred or grade cattle.

The weather has had it effect in reducing the acreage of potatoes over what was expected and the condition of the plants is not up to the average at this time.

## COMMANDS FRENCH IN PRESENT DRIVE



Photo by American Press Association. GENERAL ALBERT FOCH.

## VIEW U-BOAT AS FREIGHTER

First investigation by U. S. Authorities is Satisfactory.

Pending further investigation the United States will view the German submarine Deutschland as an under-sea freight ship entitled to ply its trade between German and American ports.

This government's preliminary attitude was determined on an informal report of Collector Ryan of Baltimore, who stated that the Deutschland did not carry arms, that she was manned by a merchant crew and that her papers were in order. Acting Secretary of the State decided to accept the proposition that the Deutschland is what she is represented to be, pending an investigation to prove or disprove the announced status of the vessel.

By direction of the state department Captain C. F. Hughes of the navy, formerly inspector of ships for the general board, has been assigned to give an expert opinion as to whether the Deutschland is or is not a warship.

Meanwhile the British and French governments have communicated what amounts to a protest against the Deutschland's presence in an American port. The form of this communication is a request for the United States to determine the exact status of the vessel.

The British and French governments are determined to make every effort to prevent the establishment of an under-sea trade route between Germany and the United States.

Apart from diplomatic efforts to cause the detention of the Deutschland in Baltimore the British government is preparing to block its return voyage by means of a cordon of warships outside the three-mile limit. It is understood today that specially-constructed motor boats or "submarine catchers," as they are termed in the British navy, are to be dispatched here. Five hundred of these motor-boats have done excellent work in the British channel.

## LAST PA. TROOPS ON WAY

Eighth Regiment Starts For Mexican Border.

With the departure from Mt. Gretna, Pa., of the Eighth regiment of the Fourth brigade for the Mexican border on Sunday night the last of the Pennsylvania troops who will go to the concentration camp at El Paso, Tex., departed from the mobilization camp there. Field Hospital No. 1 of which Major A. P. Schaefer of Pittsburgh is commander, and Ambulance Company No. 1, under Captain William J. Sterrett of East Pittsburgh, also left. The number of men who have left the mobilization camp for Texas number 12,705 men.

## Pennsylvania Boys at El Paso.

With the arrival of the Eighteenth regiment and the Third battalion of the Sixteenth, Pennsylvania national guard, Sunday, the entire Second brigade, General A. J. Logan commanding, is in Camp Pershing, El Paso, Tex. There are now more than 7,000 Pennsylvania troops in Camp Pershing and up to Monday there has not been reported a serious case of illness. The Pennsylvania troops most likely will be among the first selected for real border duty. Orders to move from Camp Pershing to some point southwest of there are expected daily. The First Pennsylvania artillery regiment reached the border Monday.

## NEW METAL HARDENS STEEL

Experts Say Discovery Will Revolutionize Armor Plate Industries.

A new metal which will harden and toughen steel to a greater degree than tungsten or molybdenum and which makes cast iron harder than ordinary steel, has been discovered on the ranch of Jesse J. Haller near Cortez, Col.

Mr. Haller has been using a combination of 1 1/2 per cent of the ore in treating cast iron and has succeeded in increasing its strength from 33 to 86 per cent. He believes he can increase the strength of steel from 33 to 266 per cent. Experts declare that the discovery will revolutionize the armor plate and armament industries.

## ROCKWOOD

Mrs. D. Gates of Altoona, is the guest of relatives here.

Mrs. William Fetters has returned from Portage, Pa., where she has been spending several weeks visiting with relatives and friends.

Mr. and Mrs. U. M. Phillippi of Confluence have returned home after a short visit with relatives here.

The Ladies' Aid Society of the Lutheran Church was entertained at the home of Mrs. A. S. Bridgum on Highland addition Wednesday evening.

Mr. and Mrs. Calvin Rush and Mr. and Mrs. N. F. Meyers of Rockwood, left Friday evening for Cleveland, O., where they will spend several days with friends.

The St. Paul's Reformed Church will hold their annual picnic in the Kretschman Grove near Wilson creek on Saturday August 5.

Mrs. G. F. Speicher has returned home from the West Penn Hospital at Pittsburg, where she was a patient for several weeks.

Mrs. M. R. Brennan and daughter Eva arrived here for a visit with the former's parents, Mr. and Mrs. W. J. Gardner.

At a recent meeting of Rockwood Camp of United Sportsmen the following officers were elected for the ensuing year: President, George J. Hay; Vice President, C. A. Miller; Secretary, W. E. Parks, Treasurer, William Wable.

Ira Hostetter has moved his family and household goods from Friedens to Rockwood, where he is employed in connection with the construction of the new Lutheran church.

Mrs. Samuel Shumaker was badly injured on Sunday last when her horse which she was driving became frightened and ran away, throwing her from the buggy, fracturing her leg in three places. She was at once removed to the Camden Hospital at Camden, N. J., by Dr. C. J. Hemminger.

Miss Grave Hostetter, 13-year-old daughter of Mr. and Mrs. Harvey Hostetter, was removed to the Cottage State Hospital at Connellsville for a broken leg.

Mrs. Lulu B. Day and son Garland are the guests of the former's son and daughter-in-law, Mr. and Mrs. W. M. G. Day.

Dr. and Mrs. H. B. Wiley departed on Saturday for Cleveland, Ohio, and Detroit, Michigan, where they will spend a week as the guest of the former's mother, Mrs. H. T. Wiley of Detroit. Miss Florence Dull will have charge of Wiley's pharmacy during his absence.

Mr. and Mrs. J. E. Schmittle have returned home from Indiana county, where they were suddenly called last week on account of the death of the former's father, who had been lingering between life and death for some time.

The home of Mr. and Mrs. Jacob Marker, South Rockwood, was the scene of a happy family reunion Tuesday, July 4. Almost all the children and grandchildren were present. At noon a delicious chicken dinner was served. The following were present: Mr. and Mrs. Jacob Marker, Mr. and Mrs. Madison Bittner, Mr. and Mrs. John Marker, Mrs. Nelson Sanner, Mrs. Jacob R. Miller, Mrs. Frank Hay, Mr. and Mrs. "Bud" Marker, Mr. and Mrs. George Marker, Mr. and Mrs. Jennie Marker, Mrs. Austin Phillippi, Mr. and Mrs. Ross Cupp, Misses Minnie Faidly, Harvey Bittner, Rose Harmon, Mabel Bittner, Marie Miller, Sara Glessner, Eleanor Landis, Pauline Landis, Blanche Brantman, Marie Marker, Gladys Marker, Etta Grawall, and Messrs. Harry Marker, Ray Bittner, Howard Lawry, Morris Cupp, Clyde Sanner, Corbett Miller, Earle Sanner, Paul Marker, and William Eagle, all of Rockwood; Mrs. Rufus Christnir, of Garrett; Mr. and Mrs. Daniel Critchfield, of New Centerville; Mrs. Wilson Landis, of Shanksville; Mr. and Mrs. B. L. Harcon, of Baltimore, Md. and Mrs. Milton Heinsbaugh.

## CONFLUENCE

Misses Beatrice Younkin, Therza Fike, Ruth Burnworth, Felicia Flanagan, Leonia Smith and Reba Pore made up a party Friday that spent the day near Johnson's Chapel picnicking.

Harry Lawver has returned from a several days' visit in Pittsburg.

Prof. C. E. Custer of Somerset, was calling on friends here recently.

Mrs. O. B. Mattox and son, James, have returned to their home in Fairmont, after a several days' visit with friends here.

H. L. Sellers has sold his beautiful team of bay horses to the Washington Run Coal & Coke Company of Star Junction.

H. B. Snyder of Meyersdale, was a caller here Friday.

Mrs. William Oliver and Mrs. E. B. Brown have gone to Akron, O., to visit friends for a few days.

Mrs. Roy Vansickle and Mrs. John Vansickle have returned from New York, where the latter was in a hospital for several weeks.

Joseph Roberts has returned to his

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Report at the Close of Business June 30, 1916

RESOURCES.	LIABILITIES
Loans and Investments... \$465,068.97	Capital stock paid in... \$ 65,000.00
U. S. Bonds and Premiums 72,231.87	Surplus Fund and Profits... 54,826.26
Real Estate, Furniture, Fix. 63,374.50	Circulation... 64,000.00
Cash and due from Banks... 70,404.84	Deposits... 487,253.92
Total Resources... \$671,080.18	Total Liabilities... \$671,080.18

Grows as shown in following statements made to Comptroller of Currency.

ASSETS	
July 15, '08	\$262,014.92
June 23, '09	\$411,680.13
March 7, '11	\$512,574.48
April 4, 1913	\$605,870.62
March, 4, 1914,	\$610,212.34
March 4, 1915	\$624,868.35
May 1, 1916,	\$659,810.39
June 3, 1916,	\$671,080.18

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