## THE FARMER'S COLUMN

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

COLLAR ROT OF PEAR, APPLE AND QUINCE TREES

Many farmers have complained to the Pennsylvania Department of Agriculture that they have foound collar rot or collar blight attacking trees where the mice had gnawed them, and asked for practical instructions on the subject. In some sections the entire pear crop has been killed by Zoologist H. A. Surface blight.

The Collar Blight or Root Rot. i by far the worst disease of apple and pear trees. There are no practical known remedies for it. It will start where the trees are injural by the borers, mice, or any other cause ever. Winter freezing and injury by cultivators will help to open the soil that the disease germs start there, Trim out the blighted 'wigs above the wound, so that the water laden with blight germs will not run down the trunks of the trees Wash the trunks when injured with strong lime-sulfur solution, and then them with paint. Do not cultivate the trees very late, and do no use nitrogen fertilizer at this time of the year or later. Wash well with lime-sulfur to kill the germs that are outside, and keep others from en tering at that place, but this will not kill the blight germs that are now beneath the bark. The great trouble is that nothing can reach them there. "In some regards this blight, is

can only be fought by care that it is the same as Twig Trunk Blight, Black Blight. Fire Blight, etc. After washing with lime-sulfur solution and painting them with melted pitch, or pure white lead and raw linseed oil, I would replace the earth around them,

ceptible to Collar Blight than others. Among these are the Yellow Trans parent, Grimes Golden, Rome Beauty some others. The best way that s know of to make the trees immune from this worst of all diseases of the apple, pear and quince is to plant trees that are budded or grafted on Rpy stalks. The Spy is said to be not

injured by it."
"Collar Rot or Fire Blight is a bacterial disease of which the germs have been discovered and described. It works chiefly in the leaves and under the bark of trees. It is carried through the air and by insects, birds and animals, at this time of year. Wherever there is the slightest opening in the tree there it is liable find a start. It will cause the death of the tree in many cases.

"The blight is always worse trees that grow rapidly. Therefore, by practicing those horticultural opions that will reduce the rapidity of growth of the trees you will hold it in check. Remove the soil from over the roots and put directly on them quantity of salt, varying from one quarter peck to one-half bushel owing to the size of the tree. Then replace the earth. Cut out and burn the Light. ed parts of the trees, cutting at least foot below the lowest blighted place that can be seen. Do this cut-ting out soon and burn the twigs."

## CORN CROP MAY BE

SHORT-AND LATE complaint concerning the backward season for corn and the inability to plant on account of the wet weather indicates that the acreage planted in Pennsylvania this season will be considerably smaller than a year ago.

Farmers throughout the State have writen to the Pennsylvania Department of Agriculture that much dam age has been done to the corn crop by the heavy rains and through the ravages of the cut worms. Corn is two to three weeks back and unless favorable weather brings it arapidly, there is some danger that the early frosts may do considerable more damage to the cron

Some of the farmers say that the ground was so wet that much of it could not be planted and in some sec tions only about fifty per cent of an average yield is expected from ground that the farmers succeeded in in hand will be sufficient to provide an planting. On the slopes general com-plaint is made that the heavy rains washed out the early planting s and in some cases two or three plantings were necessary, while in others the planting was lost entirely. There is considerable damage done by birds pulling out the seed in the wet and soft ground.

Farmers now planting corn for en-silage and fodder and under more favorable conditions than earlier in the season expect better results. In some tended also to the Varners to join instances fields that had been pre- with the other clans. pared for corn have been sown in

S. S. CONVENTION OF CHURCH OF THE BRETHREN After establishing two scholarship unds in Juniata college, for a prospective minister and a missionar worker from the district, and elect ing officers, the 19th annual minister and Sunday school convention of the Church of the Brethren, western Warships of All Classes Are of Pennsylvania, came to close Wednesday. In point of numbers have been the largest the district eve had. All the sessions were held in the Walnut Grove Church of the Brethren, in Johnstown

Wednesday morning the ministerial convention was opened with an interesting sermon by the Rev. W. S. Long of Altoona. A scholarship association was formed and \$50 subscribed to maintain a theological student at Jun-

The following were the speakers and their topics given at the Sunday school convention: H. A. Holsopp le, "Temperance in the Sunday school" D. F. Waltz, :: The Soul-Winning Sun day School," and Elder H. K. Ober of Elizabethtown, "The Child's Rights."
At the afternoon session a scholar-

ship fund of \$50 was started to send lege. This is to be similar to the prospective minister's fund, and also ba sed on a scholarship asociation.

trict in India.

The following officers were elected

Mills; assistant, J. S. Hamilton of Morgantown, W. Va.; treasurer. Geo. B. Wertz of Walnut Grove. The officials comprise the personnel of the executive board with the addition of the name of I. E. Holsinger, field server

in Berlin borough, the property of Mr. and Mrs. Harry Smith, to be sold at the suit of Ross R. Scott.

Three tracts of land in Upper Turkeyfoot Township, the property of F. P. Raygor, to be sold at the suit of M. E. Goller's use.

The property of Jacob F. Phoades in Jenner Township, at the suit of Daniel E. Witt,

The Somerset Opera-house, at the suit of the Farmers National Bank. All the property of John and Bar-but Metz, in Windber, at the suit of Goenner & Company.

All the property of Emory S. Litechy and M. Hasho, in Lower Turkeyfoot Township, at the suit of Cornelius

The property of Andrew Hartman, in Southampton Township, at the suit of Harry B. Colborn.

The property of John Bischof, in Conemaugh Township, at the suit of Rocco Cartisanno.

Garrett, at the suit of W. I. Hocker.

### BAUMGARDNER REUNION At the annual joint Gramling-Baum

gardner reunion, recently or the Chautauqua grounds at Salix, the association voted to Baumgardner start a fund for the purpose of erect ing a monument to John Baumgard in Snavely cemetery. The fund will be collected for a year and by the man who founded the clan in this country. The joint reunion proved very successful and it was voted to meet again next year during the Chau tauqua week, Aug. 16 being the date set. Over 300 persons were present. The Gramling clan decided to invite the Kring-Strayer association to join the Gramlings and Baumgardners, the four families being closely intermarried. An invitation will be ex with the other clans.

Sur Job Work Piesses

# ENGLISH BUILDING **GREAT NEW NAVY**

**Nearing Completion** 

TRAINED CREWS ARE READY

England Finds Moniter Type of War ship Great Help In Present War and and is Building a Fleet of Then

On a small section of British water construction today than the enure shipbuilding facilities of any other nation could undertake at one time. They include every type of craft from submarines to battleships and from steam trawlers to Atlantic l'iners. Most governments lay down battleships and cruisers singly, and ne lesser craft perhops in pairs, but here battleships loom up as twins, light cruisers by the half dozen, destroyers in rows of ten, with many braces of long submarines and an occasional

Interesting letters were read from in the naval list above the establishin the naval list above the establishments of several modern marine powers. It could demolish two squadrons which fought the battle of Manine bay with one volley and then steam up against the combined Americans and Spanish floets of Santiago with confidence. to serve until next August:

President, the Rev. H. S. Replogle Spanish fleets of Santiage with conformal president, the stocks are as many as the United States merchant marine has added to santiage with conformal president of Santiag

its registry in several years.

"We have trained crews ready to step on board all these ships as soon as they are fitted," a naval officer remarked.

the name of I. E. Holsinger, field secretary of the district.

The singeria indents of the departments are the following:
Home department—M. J. Blough of Greensburg.

Craadle Roll—Mrs. J. W. Miller, of Morrellville.

Teacher training—Harry Ankeny of Shelocta.

Organized Bible classes— Louis Raepper of Somerset.

Missionary—Ira J. Moon of Holtopple.

Temperance—Harry A. Holsopple of Clymer.

The missionary committee is composed of Elder M. J. Brougher of Greensburg, Elder William M. Howe of Meyersdale and Elder P. J. Blough of Hooversville.

SHERIFF SALE

Sheriff Wagner advertised a number of trace of real estate for sale, which will be knocked down at the Court-house on Friday. September 8.

The property of John H. Corbet Jr. and Florense N. Corbet, in Addison, at the suit of Thomas J. Augustine, at the suit of Thomas J. Augustine, and were dependent of the suit of Thomas J. Augustine, and were dependent of the suit of Thomas J. Augustine, and were dependent of the suit of Thomas J. Augustine, and were dependent of the suit of Ross R. Scott.

Two lots and dwellings and stables in Berlin borough, the property of Mr. and Mrs. Harry Smith, to be sold at the suit of Ross R. Scott.

The general stage actting for this wift review of the fighting and tradicts were water construction construc

torpedoes, and the meantor can still keep at work with her guna.

Two battleships, almost prepared for the warr, according to inferimation rendered, are expected to dome the state of the most afficient to the most affici machines of their family ever com inigioned.

There are several so-called destroy

There are several so-called destroyers certainly as long as mony light cruisers of earlier times ben of them extended sive by hide in one row, and others elsewhere. Beyond the destroyer is a line of begs; this caseletons of submarines, whose size could not be jud d at all accurately in a passing view. Compared with the now old-tashioned submarine they are as the Aquitania to the Philadelphia. Floating alongside a dool is a brand new aubmarine, painted and polished

with Hoston and Holbrook," he x plained, "but I hope you will hear something from \$1.1," pointing to the number gainted on the turrer. He abserved also that this thing could submerge in 28 seconds.

The naval yards present an aspect of their own. Their whole area and their activities certainly are as diverse as those of the shtpbuffing community but all is ender one man

community, but all is under one man gement and one directing brain.

## SEEKS RAILWAY SUPPLIES

oh Agent in Pitteburgh Afte Gars and Rails.

French radiways will spend \$8.200, 000 in Pittsburgh for railroad equip-ment, the production of which is made impossible in France on account of the munitions activities in that coun

Petrus Chambelse, president of the Northern France railways system, is visited manufacturers of the district to place orders. His endeavers to place orders for steel cars for imme

LABOR FEDERATION HEAD BACKING MEN'S DEMANDS



SAMUEL COMPERS

CHILD L#BOR BILL PASSED

House Swilling Bill-New Goes t Without aboute or record vote, the house of representatives, with the senate amendments and put on its way to become law with President

Wilson's asgnature.

E represents the result of years o struggle in congress petween force writing the essentiation of child life and those epposing it on many grounds. and those opposing it on many grounds chiefly that it was a question for the states and not the federal govern

ment. It would not have secome a law at this sees on had not President Wilson, after the Democratic cancus decided to aliminate it from the administration program, visited the capitol and insisted its inclusion.

As it originally passed the house it proposed, to but from interstate commerce president an which child labou actually had been employed. As amended by the senate and now perfected, 2 prohibits shipment between the states of all products of any establishment which employs child labor.

habes.

It has products of any mine or quarry employing children under 16 and products of any mill, cannery, warkshop, factory or manufacturing establishment employing children between 24 and 16 more than eighthours 2 day, more than six days a week or earlier than 6 o'clock in the evening or later than 7 o'clock in the evening.

It pecomes effective one year after the date of the president's approval

Struck Bridgeport Firms Claim Dam

Struck Bridgeport Firms Claim Dam ages to Extent of \$300,000.

Attachmente have been placed on homes of striking molders by manufacturing molders of the Bridgeport (Conn.) Manufacturers' association in an action alleging \$300,000 damages by reason of employee' strike and the picketing of the plants. The actual plaintiffs in the action are the Pequennock foundry, the J. A. Taylor company and the Monumental Bronse company.

Tassing view. Compared with the now old-fashioned submarine they are as the Aquitania to the Philadelphia.

Floating alongeide a fook is a hrand new submarine, painted and polished like a bouring car freet from the st. p.

Her young commander prendly pointed out some of her attractions. "Of course, we are not in the same cires with Horson and Holbrook," he x conspired to prevent the foundries from deing business, that by means of pickets they have threatened employee who wished to work and deterred others from seeking employment. Besides the attachments on homes money in local banks belonging to the defendants has been attached.

## ARMY BILL VETOED

President Objects to Public Criticiers
by Retired Officers.

President Wilson has vetoed the
army appropriation bill. At the same
time he sent to the house a message
making it plain that this action was
entirely due to the incorporation into
the measure of the provision that retired officers should not be subject to
the articles of war. It is expected that

the provision which the president complains about will be eliminated and that the bill then will be re ressed by both the house and senate which have been shipped to market of Clerk of the Orphans' Court Charles and signed. A new bill, minus the without being dehorned will sell at a provision, has been introduced in the price from fifteen to twenty-five cents riage licenses to the following par-

to place orders. His endagevers to place orders for steel cars for immediate delivery has met with no definite promises, although he offered bonuses for deliveries.

The situa on in securing rails, fredeclared, w.s. slightly better and he has been able to get promises of quick deliveries.

# How Are You?

is a very common question Can you say that you are well in every respect? If so you are EXTREMELY FORTUNATE-Eye defects cause conditions that make you feel

If your Eyes are sick I can help you by Fitting Proper Glasses-Come to see me.

RESULTS GUARANTEED

THE OPTOMETRIST Eye Sight Specialist



## Where Motorists Lodge

The favorite route for motorists is the Great National Highway, formerly known as the National Pike. It winds from the east through Cumberland and down into Pittsburgh by way of Brownsville, entering the main part of the city right at the

## Monongahela House PITTSBURGH

where cool, airy rooms with open river view afford the most comfortable summer quarters.

European Plan

J. B. Kelley, Manager Smithfield St., Water St. and First Avo. Pittsburgh

CULTURAL METHODS IN

Bulletin 141 of the Pennsylvan and Experiment Station, recently sults of six orchard experimen MOLDERS' HOMES ATTACHED These experiments, started in being orchards in 1907 and 1908, inve-1540 trees and 41,570 bushels of f been to determine the true influe. the principal economic characters apples and eventually the reasons the effects observed.

In general the mulch treatment, inforced by outside materials has be most efficient in improving the yield, growth and average size of fruit in orchards, up to about twenty years of age. In older orchards it has b passed slightly by the age and cover crops, unless accompanied by adequate fertilization. It has also been most

The experiments in question hav

horns there is a "boss" who keeps at each intersection, also two at e tred officers should not be subject to the articles of war. It is expected that the president the president those with horns often bruise others tire distance from coast to coast. so badly that it shows up in the carcass. It is usually true that steers less per cwt. than similar steers free ties: the cattle shipped to market today are both of Sand Patch.

The fire blight has been attacking apple and pear trees and doing great Hesper Miller, both of Ogle township damage in several sections of the Frederick Dombrosky and Zofia Sam State.

## BALTIMORE & OHIO NORFOLK

OLD POINT COMFORT VIRGINIA

August 10 and 24, Sept. 7

\$8.50 ROUND TRIP

GOOD IN COACHES ONLY FOR \$2 00 ADDITIONAL TICKETS WILL BE GOOD IN FULLWAN CARS. WITE PULLMAN TICKETS

The Route is Rail to Washington of Baltimore and Delightful Steam-er Trip to Destination

Full Information at Ticket Office



WRITE for

PAINTERS BUSY ALONG

建设

\*

1

6

The Lincoln Highway association activities of the kind ever undertak ardizing the markers on the transcon efficient in conserving moist re in all tinental highway across the country cases that have been determined. Besides being the longest road in the ans of covered orchards in several sections known as the best marked road in the of Pennsylvania. The bulletin is free world, but due to the fact that the to residents of Pennsylvania upon remarking has been done in each in-STEERS SHOULD BE DEHORNED from the way, it makes sometime that the steers should be dehorned such an important thoroughters. Four is the opinion of authorities at the experienced painters have been em-Pennsylvania School of Agriculturs ployed and the crew is now at work Pennsylvania School of Abstraction ployed and the crew is now and Baperiment Station. If they have and traveling westward, having gone horns when purchased they should west from Ligonier, it is planned to be dehorned before placed in the feed have all markers eight feet from the lot. In every bunch of cattle having ground; six markers to the mile, two some of the weaker ones away from turn in the towns and cities. With the the feed trough or in a state of worry Lincoln Highway so marked, it will so that they do not make maximum be impossible for the traveling motor-

Irvin Bittner and Alberta Miller. Alexander Durz and Mary Skrok:

David Orlando Webb and Fannie

preach, tify or class w party, t was the Ada B. presiden

week of Korosn border office rof this Kuty.
Fereakt which Galicia Jabloni of the On t sians heights number officiali

Drama
the Bu
The
isters
ances to
be resp
ish mi
Naimis
poses to
lation

German there. probabl

Turks,