OF ALL BIGGEST-SELLING LOW-PRICED CARS

ONLY CHEVROLET for '41 HAS A 90-H.P. ENGINE!

It out-powers all other biggest-selling low-priced cars.... It also excels them in over-all economy.... Its 90-h.p. Valve-in-Head "Victory" Engine is tops for all-round efficiency!

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TELEPHONE SCIENTISTS DEVISE NOVEL WAYS TO TEST OUTSIDE EQUIPMENT

Artificial, Man-Made Conditions Are Provided For Determining Strength Of Poles, Wires And Numerous Other Pieces Of Apparatus

The above picture illustrates how scientists of the Bell Telephone Laboratories create a little winter atmosphere for the sake of testing open telephone wires. Taken at their field laboratory at Chester, N. J., it shows bricks being hung on wires to see how well they will hold the extra weight they have to sustain during snow and sleet storms.

In an isolated section of the country near Chester, N. J., scientists and technicians of the Bell Telephone Laboratories are engaged in the everyday task of providing artificial man-made conditions under which to test outside telephone equipment.

The speed and dependability of a vast telephone system cannot wait on the fickleness of nature to test its equipment. The strength and length of life of telephone wire, poles, manhole covers and numerous other pieces of equipment must be known before they are placed in service.

This determination to provide the best in telephone equipment resulted in the establishment by the Bell Telephone Laboratories of a field laboratory where problems of outside plant which could not be answered satisfactorily on the drafting board, inside a laboratory, or around a conference table, could be solved.

For example, to simulate ice-loaded open wires, telephone engineers dangled bricks from them to test their strength under winter conditions.

To develop a manhole cover which will withstand the battering of traffic, these men of science conduct impact tests by releasing 1,000 pound weights from a point some distance above a manhole cover.

Timber products are also an important factor in the work of this outside plant field laboratory. Large numbers of pole stubs representing a variety of woods and kinds of preservative treatments are set in the ground and subjected to frequent inspection to insure a practically continuous knowledge of their condition. Several beds of earth have been fenced off and planted with specimens of wood for the study of fungus growths which attack and rot telephone poles.

These tests, conducted on the man-made proving grounds of the Bell Laboratories, are only a few of the ways in which telephone engineers determine the quality of the equipment used in the nation's telephone network. To the Bell System the most minute detail of every problem merits careful study, if its solution can contribute toward a telephone service that in extent, in efficiency and in economy, is "in every case . . . the best."

NATIONAL CHRISTIAN MISSION

Governor Herbert R. O'Conor, Mayor Howard W. Jackson of Baltimore and more than 200 other persons prominent in church circles throughout the state have pledged cooperation in the National Christian Mission to be sponsored the week of November 24 to December 1 by the Protestant churches in Maryland. Dr. J. Mason Knox, Jr., Chief of the Bureau of Child Hygeine, Maryland State Department of Health, is chairman of the Sponsoring Committee.

The Governor has assured committeemen he regards the Mission as of statewide importance and that he will issue a proclamation calling its attention to the public; Mayor Jackson has accepted the honorary co-chairmanship with Dr. J. M. T. Finney. Furthermore, the Mayor personally underwrote five per cent of the guarante expense fund for the week-long program.

Thirty internationally known clergymen and laymen will participate in the Mission, part of a nation-wide crusade which is climaxing a five-year program to intensify Christianity in America.

The Maryland Mission will be the tenth in the nation. Others have been or will be held in every section of the country, with the final meetings being held next spring on the West Coast.

Churches in every county of the state have been invited to send representatives to the day and night services which will be held during the week.

Public mass meetings will be held nightly in the Fifth Regiment Armory, where addresses will be given by E. Stanley Jones, one of the world's foremost authorities on India; Muriel Lester f London; Oscar F. Blackwelder of Washington; Arthur Lee Kinsolving of Princeton, a former rector of the famous Old Trinity Church at Boston; Roy A. Burkhart, noted minister of Columbus, Ohio, and famous leader of youth activities; and Bishop Arthur Moore of Atlanta, Georgia.

Twenty-eight Christian agencies including the Council of Churches and Christian Education of Maryland and Delaware, the Baltimore Y. M. C. A., the Baltimore Y. W. C. A., an dthe Council of Church Women of Baltimore and Maryland-Delaware, are represented on the Sponsoring Committee.

The U. S. takes over 30 per cent of the total exports from those 20 South American Republics—and spends $1,200 every 60 second doing it.

Great Britian has taken over Ireland's whole cheese output to feed its population. . . . that's four pounds every minute going to feed England's embattled people.

MARYLAND WINNERS ANNOUNCED IN TEN-TON TOMATO CONTEST

Out of 312 growers enrolled in the thirteenth annual Ten-Ton Tomato Club Contest, 17 qualified for membership in the club by producing 10 or more Tons to the acre, according to Herman A. Hunter, specialist in canning crops for the University of Maryland Extension Service.

The contest is divided into two groups, dependent upon the acreage of tomatoes grown. The first group includes growers with from two to five acres; the second group is made up of growers with more than five acres.

Highest yield in the first group was made by Harry Ried, of Trappe, with 12.86 tons per acre on 2.2 acres. Second prize in the small acreage group went to George W. Hill, Hampstead, with a yield of 12.35 tons per acre from 2.35 acres.

First prize in the large acreage group went to Clifford Smith, of White Hall, who grew 15.7 tons per acre on 10.4 acres of land. Second place went to Frank A. Mays, of Upperco, with 14.3 tons per acre from 6.59 acres.

Each of the winners named above will receive a gold watch, presented by certain commercial companies interested in the development of canning crops work in Maryland. In addition, all growers who produced 10 or more tons to the acre will be given certificates of membership in the Ten-Ton Tomato Club.

Other growers who qualified for membership in the club are: Elmer Bryan, Trappe; Wilson P. Tull, Wittman; R. Newell Stagg, Jr., Snow Hill; Louise Harrison, Royal Oak; Willia Bros., Oxford; William E. Frederick, Upperco; Rider Adkins, Snow Hill; S. Albert Thume, Trappe; Wade Perkins, Forest Hill; William Shortall, Easton; Ralph E. Shockley, Snow Hill; Elmer H. Oller, Smithsburg; and W. Hall Dawson, Trappe.

The contest is conducted each year by the University of Maryland in cooperation with the Tri-State Packers' Association, to stimulate interest in more efficient methods of tomato production.

CHEVROLET OCTOBER SALES

Detroit, Nov. 9--It was stated by W. E. Holler, general sales manager of Chevrolet, that Chevrolet dealers had sold at retail during October a total of 99,822 new passenger cars and trucks were sold which repretime high October sales record for the company and exceeds by 8,705 units the number of Chevrolets retailed in the comparable month of 1927, which was the highest previous October in the company's history. October sales represent a gain of 101 per cent over the same month last year and an increase of 112.3 per cent over the preceeding month this year.

Mr. Holler further stated that used car sales likewise established a new all-time high October sales record in this important division of the business. A total of 146,162 used cars an dtrucks were sold which represents an advance of 13.0 per cent over the preceeding month this year. Mr. Holler is holding a series of dealer meetings in every region in the United States and he reports that Chevrolet business is unusually good in every section of the country and that dealers everywhere are looking forward to one of the biggest years in the company's long history.

CONTRACT FOR CANAL WORK

Contract for excavation of about 1,024,000 cubic yards of earth from the north bank of the Chesapeake and Delaware Canal, west of Summit Bridge, has been awarded. The low estimate was furnished by Edward Acker, Co., Inc., of Setauket, Long Island, N. Y. This bid was $243,-719.34. The work to be done under the contract, which includes excavation of dry material, constructing drainage structures and bank reinforcement, is part of the ertensive bank stabilization work in the deep cut section of the canal. This is the third contract to be awarded for bank stabilization, to prevent slides in this section and is part of the program of the army engineers to protect the 27-foot deep channel.

By paying $389,229 in unemployment compensation benefits in the month of October the Maryland Unemployment Compensation Board brought the aggregate of such disbursements in this State to $21,-894,025, covered by 2,393,446 checks delivered to unemployed persons filing weekly claims under conditions imposed by State and Federal law.

COOKING FOR CHRISTMAS HOLIDAYS

Traditional holiday recipes for delicious cookies that will thrill the appetites of the children. Look for this feature in the November 24th issue of

THE AMERICAN WEEKLY
the big magazine distributed with the BALTIMORE SUNDAY AMERICAN

Industrial insurance policies in America are now lapsing at a speed of 20 each minute of each hour. That's $4,00 worth every time one minute goes by.

AMERICAN FARM BUREAU TO MEET IN BALTIMORE, DEC. 9-12

Maryland To Be Host To 4,000 Farmers From Forty States

Over 4,000 farmers are expected to attend the American Farm Bureau Federation meeting in Baltimore December 9 to 12 according to E. A. O'Neal, President of the National organization. P. C. Turner, President of the Maryland Farm Bureau has appointed a general committee divided into Reception. Information and Entertainment groups. These have held two meetings and plans are well under way to make the 1940 convention an outstanding one.

Maryland members will meet the visting groups and conduct tours to nearby points. A pageant based on the seige of Fort McHenry that inspired the writing of our National Anthem, is being arranged. Counties are planning to help in the entertainment. Southern Maryland will sponsor an oyster roast; there will be tours in Baltimore and Howard counties, while Western Maryland will supply apples. Holly and pine for decorations will come from all counties producing them. A square dance demonstration by Prince George's County, a quartette from Montgomery, the Hill Billies from Carroll and other features have been suggested. Every county will have three representatives on the committee and will be given an opportunity to help the State organization entertain the visitors.

Recommended practices for home butchering of hogs and preparing the meat for home use are portrayed in a new film--"Pork on the Farm," released by the Motion Picture Section of the U .S. Department of Agriculture for the Federal Bureau of Animal Industry.

Interested farm groups may obtain the film free of charge by making application to the Director of the Extensiion Service at College Park, Md. The film consists of two reels of sound film (16mm or 35mm) and requires 22 minutes for showing.

NEW OFFICIAL RECORDS

Two Guernsey cows owned by Wilmer Stradley of North East, Md., have just finished new official records for production which entitles them to entry in the Advanced Register of the American Guernsey Cattle Club. These animals include five year old Elk Manor Queen 456154, producing 11368.7 pounds of milk and 626.4 pounds of butter fat in class AA, and two year old Elk Manor Madam Butterfly 524-831, producing 8314.6 pounds of milk and 483.1 pounds of butter fat in class GG.

MEMBER HOLSTEIN-FRIESIAN CLASSIFICATION

Taylor P. Brown, North East, is one of three Maryland Holstein breeders recently admitted to membership in The Holstein-Friesian Association of America by unanimous vote of the Board of Directors.

To gain admission to membership in the association, applicants must be progressive in dairy practice and of proved integrtiy. Mr. Brown was recommended to the association by Mr. J. Hayes McCauley of Elkton.

Formation of two additional soil conservation districts under the law passed by the Maryland Legislature in 1937 was approved by the State Soil Conservation Committee at a meeting held at the University of Maryland on October 29.

One of the proposed districts includes the land in Prince Georges county and the other the land in Charles county. This action by the State Committee was in response to petitions signed by farmers in the two counties.

CHRISTIAN SCIENCE SERVICES

"Mortals and Immortals" will be the subject of the Lesson-Sermon in all Churches of Christ, Scientist, on Sunday, November 17.

The Golden Text will be from John 12:25, "He that loveth his life shall lose it; and he that hateth his life in this world shall keep it unto life eternal."

Among the citations comprising the Lesson-Sermon will be the following from the Bible, I John 3:2: "Beloved, now are we the sons of God, and it doth not yet appear what we shall be; but we know that when he shall appear, we shall be like him, for we shall see him as he is."

The Lesson-Sermon also will include passages from the Christian Science textbook, "Science and Health with Key to the Scriptures," by Mary Baker Eddy, among which is the following, page 81, "Man in the likeness of God as revealed in Science cannot help being immortal."

Chain Stores Development Co., of Cleveland, Ohio, store east Main street, Elkton.

George Quenzer, Rowlandsville, dwelling and work shed near Rowlandsville.

Chalk from the cliffs of Dover is shipped to the United States from England at the rate of ten pounds every 60 seconds.

ROAST TURKEY THE MODERN WAY

A moderate oven, a shallow, uncovered pan, and a rack are the only properties needed for success in roasting young turkey the modern way, says Lucy Alexander, poultry cooking specialist of the Bureau of Home Economics, U. S. Department of Agriculture.

Miss Alexander advises roasting young turkey in an uncovered pan, because then any steam that is formed in cooking is not closed in the roaster to draw the juices. There needs to be a rack in the pan to keep the bird from sticking and to allow the hot air to circulate under the turkey, and cook it evenly.

Any pan is suitable for roasting if it is shallow and if it is big enough for the turkey. A shallow pan works best because in it the air circulates under the bird more rapidly than in a deep pan. To keep the meat juice, do not add water in cooking to form extra steam. Keep the oven temperature moderate all through the roasting so the turkey will be tender and evenly cooked when done.

Roast medium-sized turkeys--10 to 13 pounders--at about 300 degrees F. for from 3 to 4 hours. The 14 to 17 pounders need a slower oven, about 275 degrees F., for from 4½ to 5½ hours. Very large turkeys, over 18 pounds, need 6 to 8 hours at from 250 degrees to 275 degrees F. The 6 to 9 pounders may be cooked in about 2½ to 3 hours at about 325 degrees F.

To further make sure of even cooking, turn the turkey from side to side and have it breast up about one-third of the time. At each turning, baste with fat. Small and medium-sized turkeys need to be turned about every half to three-quarters of an hour, larger turkeys less frequently.

LIVESTOCK AND DAIRY COUNCIL MEETS AT COLLEGE PARK

Members of the State Livestock and Dairy Advisory Council met at the University of Maryland on October 30 for the purpose of reviewing the work that is being carried on in those lines and adopting suggestions for the future.

Alan McGregor, of Kent County, is chairman of the council and leading stockmen and dairymen from all parts of the State are members.

Speaking at a luncheon session, Dr. H. C. Byrd, President of the University of Maryland, emphasized that research is needed in the marketing of livestock and dairy products. He suggested that "Find markets, develop markets, and find out how to reach markets" be adopted instead of the old slogan, "make two blades of grass grow where one grew before." He said that "the most wasteful thing is to admit that we can get rid of diseased cattle only by slaughter," and that we must have research to find ways for reducing this waste. The livestock industry, he declared, is moving from the west to the east.

Dr. T. B. Symons, dean and director of the extension service, called the atention of members of the council to the possible effect of the defense program upon the dairy and livestock industries, especially the locating of some 30,000 men at Camp Meade and the development at Indian Head. He pointed out that these developments in Maryland would require large quantities of dairy and livestock products.

The work that is being done by the University in research, instruction and extension were outlined by Dr. Fredrick H. Leinbach, head of the animal husbandry department, and Dr. Kenneth L. Turk, head of the dairy department, and their associates. Dr. Mark Welsh, state veterinarian, reported on Bang's disease control. A visit was made to the dairy and animal husbandry barns in the afternoon.

FOOTBALL ROADS DANGER TO FANS

With the football season at its peak in November, accident prevention specialists call attention to the fact that the game has become less hazardous to the players on the field, despite the mauling they take, than to the fans who jam the stadiums.

The truth is, says the National Conservation Bureau, accident prevention division of the Association of Casualty and Surety Executives, that more fans are killed or injured in traffic accidents going to and from the games, and from other causes, common to crowds, than ever happens to the brawny young athletes out on the gridiron.

"Football coaches do everything possible to reduce the danger of injury to the players," points out John J. Hall, special service director of the Bureau. "But the spectators are not so fortunate. Not only during the game, but on the way to and fro mthe game, they are exposed in exaggerated degree to accident hazards. Heavy traffic congestion, excessive speeding, skidding on wet leaves, early twilight with its attendant poor visibitiy, the tendency of some fans to mix driving and drinking—all cause many fatalities."

Lots of persons fail to claim money orders at the Postoffice. . . . Total average unclaimed orders is about a dollar's worth each minute.