

Predictions of Telephone Growth in Bellefonte.

According to the latest estimates prepared by the Bell Telephone company of Pennsylvania, Bellefonte will have 1800 telephones in operation in 1932. This will mean an increase of 260 telephones in the next five years and is an indication of the general development that will characterize this section during the coming years.

From a service viewpoint, the present telephone plant is adequate for Bellefonte's immediate needs. The Telephone company, however, lays its plans for the future so that all necessary equipment will be in place and operating before it is actually needed.

The plans to meet future expansion are made by telephone engineers. Past telephone development in each community is taken. An average growth for a year is then obtained and projected into the future. New trends in industry, the natural increase of the population, and all other factors likely to have an effect on

telephone development in each community are considered.

Telephone field men equipped with maps go out into the locality being studied. They consider the placing of new roads, probable sites for residence and business purposes and also select probable routes for new cables that will be required to handle the growth.

Two estimates are then prepared. One, which is called a short term estimate, provides for growth for five years in the future. The other, known as a long term estimate, is for a period extending over twenty years in the future.

It is surprising how closely the estimated figures agree with the actual growth figures. The engineers who do this work are so proficient that it is only a very unusual development in a community which causes any more than the slightest difference between estimated and actual telephone development.

—Subscribe for the Watchman.

Democratic Watchman

Bellefonte, Pa., December 9, 1927.

GOOD MORNING!

"Good Morning!" said in accents cheerful. Starts the day off with a zest— Makes the whole world seem less drearful— Warms the heart in every breast— Makes the sunshine seem some brighter, And the mists to fade away— Makes the hardest tasks seem lighter— Lifts the burdens of the day!

When a fellow blows in breezy, With a smile upon his face, Says "Good Morning!" like it's easy— Sunshine seems to fill the place! Everybody feels some better, And their smiles respond to his, And that cheerful gloom "go-getter" Puts old trouble out of his!

Something magic in the greeting, Just seems to brighten things; Trouble clouds are swiftly retreating— Joy comes in on angel's wings! It's a sure-fire gloom dispeller; Makes the whole world seem less drear; May God bless the sunshine feller Who's "Good Morning!" rings with cheer! —James Edward Hungerford.

FARM NOTES.

With the deer season open take a little vacation and get much needed recreation by spending a few days in the woods. It's only good business to first get a license.

—Feed grain to dairy cows according to their production of milk. Records show that many cows are overfed while others are underfed. Feed one pound of grain to each 3 or 3½ pounds of milk for Guernseys and one pound of grain to each 3½ to 4½ pounds of milk for Holsteins and Ayrshires.

The hard coal mines are showing increased activity as the cool weather nears. They need and use wooden props. Farmers in the vicinity can make good money cutting and hauling props from their wood lands. If proper cutting methods are used, the woods will yield an income in props every winter.

North Dakota reports that the Penn State strain of Danish ballhead cabbage outyielded ordinary strains by more than fifty per cent this year. At the Pennsylvania State College an acre of Penn State ballhead produced 23.7 tons which compares well with the average yield of cabbage in the state, nine tons.

—Now is the time to do those agricultural engineering jobs around the farm which will make the business more profitable and home life more enjoyable. A line of tile to that wet spot in the otherwise highly productive field will be valuable and that septic tank anticipated for some time will improve the sanitary conditions around the house.

It will pay well to begin next year's garden right now by applying 15 to 20 tons of manure per acre and plowing this under. Plow as deeply as possible without turning up an excessive amount of subsoil. This treatment will improve the physical condition of the soil, increase the amount of organic matter and plant food, and make more plant food available early in the growing season.

All hogs shipped into Pennsylvania in the future, except those which are for immediate slaughtering, must be vaccinated against cholera under an edict of the Pennsylvania department of agriculture. The new edict, by which it is hoped hog cholera will be banished from the State, also provides that any swine which have been in the possession of a dealer or farmer for less than 30 days and are offered at either auction or private sale must be vaccinated.

Duck raising is very easy if you begin when the weather gets warm. They should be hatched past the middle of May; it is usually warm by that time of year.

When they are 24 hours old feed them corn bread crumbs moistened with sweet milk, writes Edna Dalton of Hartsville, Tenn., in the Southern Ruralist. Keep plenty of water at all times, also some sand handy for them to get. Feed close to water as they take a bit of food and then a drink of water and will continue to do that until they get enough. Feed five times a day, mostly soft food, until large and old enough to only need three meals. Later just twice a day will be sufficient.

Let them have free range and a dry roomy box to roost in. They do not graze as geese but like insects and grain seeds and as a rule are healthy and thrifty, but a drop of carbolic acid to a quart of water now and then helps to keep them healthy.

New Jersey pig growers are finding that among their worst enemies are roundworms, reports W. C. Skelley, assistant animal husbandman at the New Jersey agricultural experiment station.

Once these worms establish themselves in the intestines of a young pig, growth of the animal is greatly retarded. If the animal is not promptly freed of the pests, it becomes stunted and is not profitable to feed.

A treatment, however, has been developed that is proving very satisfactory. This consists of giving each infected pig a capsule made of 2 grains of salicin, 2 grains of calomel, and 5 grains of bicarbonate of soda. Before the capsule is administered all feed is withheld for from 12 to 18 hours so as to be sure that the digestive tract of the animal is empty.

About 8 to 12 hours after the animal has been given the capsule, it is fed a light slop of middlings containing 1 tablespoonful of epsom salts.

Wider use of this treatment will, in the opinion of Professor Skelley, bring great savings to the pig industry.

A thorough cleaning and disinfecting of poultry houses before the chickens are placed in them for the winter is a valuable practice in combating poultry diseases, according to specialists in transmissible poultry diseases of the bureau of animal industry, Pennsylvania department of agriculture.

Thorough cleaning means the re-

moval of all litter and droppings with the scraping and sweeping of the ceiling, walls and floor thus removing the crusts, cobwebs, dust and dirt. The litter and scrapings should be hauled to a field to which fowls do not have access. Houses should then be scrubbed with hot lye solution: 1 pound of lye to 2 gallons of hot water. The excess of this solution should be removed and then an officially approved disinfectant mixed and used according to the directions of the particular disinfectant selected. Sufficient disinfectant solution should be used to thoroughly soak the ceiling, walls and floors and be applied to insure the surfaces remaining wet for at least one-half hour.

Nests, feeding utensils, water fountains and catching crates should also be cleaned and scrubbed with hot lye solution and soaked with the disinfectant solution.

In addition to being a valuable measure in combating poultry diseases, this fall poultry house cleaning aids in preventing and controlling lice infestations. Care should be taken to have fowls free of lice before placing them in winter quarters.

Asparagus beds are family institutions that are as permanent fixtures as a heating plant, once established. They will endure for years with a minimum of care. No vegetable is more desirable and it is never cheap in the market. It is a simple matter to have a supply for cutting at will during its season. Fall is an excellent time to start the bed.

Buy two or three year old roots, the former usually taking hold the quicker. Find a convenient spot out of the way of the rest of the garden for the bed, which won't accommodate much of anything else except rows of the earliest vegetables, such as radishes, spinach and lettuce between the hills of asparagus. Plant the hills three feet apart each way. Dig a hole a foot deep and two feet wide—it is no light work to get asparagus started right, but worth the effort. Raise a mound six inches high in the center of the hole upon which the asparagus plant should be set with the roots spread out like the spokes of a wheel. When covered, the crown is six inches underneath the surface.

Give liberal fertilizing. It is difficult to overfertilize the asparagus bed. In two years the bed will be established. It should not be cut the following season. But after that it is a family institution.

For convenience of limited quarters asparagus may be planted to form a hedge or border about the garden, the feathery plumes making a solid wall of green from July on and a fine background for flowers. It can also be planted along a boundary fence. Often these long rows are the most convenient arrangement for the small place and the only way an asparagus planting can be conveniently placed.

Select a good variety. The rust-proof strains developed by the United States department of agriculture are excellent ones to try. Bonvallet's Giant is another standard and popular variety with "good-sized," tender stalks. The tenderness of asparagus is more a matter of fertile soil, moisture and good cultivation than of variety, as any of the kinds will give good asparagus with good growing conditions. Salting the bed is an ancient formula and arose out of the fact that asparagus in its native haunts is a salt marsh plant. It likes a salt dressing, although it is not necessary.

Digging in a mulch of manure (put on in the fall) each spring will be much better than a dressing of salt. Light feeding with nitrate of soda is also excellent treatment.

Grouse Is Disappearing in the State.

Hunters who killed grouse by the score to feed their dogs was cited by John B. Truman, executive secretary of the State game commission as an instance of how flagrant some violations of the game laws are and also the need of cooperation by sportsmen who observe the laws.

The commission has been compelled to deal constantly with professional hunters who kill game both in and out of season to sell in city markets. The case near North Bend where four hunters were fined for killing grouse to feed to their five dogs was the first of its kind on record, Truman said.

Grouse, known to hunters as the "King of Game Birds," are rapidly disappearing from the State, not only because of illegal shooting but also on account of their susceptibility to disease. Each season it has been necessary to close parts of the State to grouse shooting because of their scarcity.

Men of good position and character in their home communities who once in the woods cast aside all respect for law and consideration of other sportsmen are responsible for much of the present violations, Truman said. Anxiety of many so-called sportsmen to buy what they cannot kill is the cause of many "natives" of the game country, finding themselves in trouble, Truman added.

"Every sportsman of the State should be alert to apprehend unscrupulous hunters as a protection to his own sport," Truman asserted.

Speed of 400 Miles an Hour.

A speed of 400 miles per hour will be attained by air craft before 1933 is the prediction of Major Oliver Stewart, an air-man-author.

He prophesies that the speed of the machine of the future will look even more as if it had grown than it does now. It will have polished surface, its engines will run faster. A change of engine shape may also be expected in order to eliminate the projecting cylinder banks. Possibly the wash-plate engine, similar to those constructed in America, may gradually come into favor. Variable pitch airscrews will be employed. The pilot will be enclosed in a small cabin with a transparent roof extending some distance in front of him.

CHRISTMAS SAVINGS



Saving for 1928 Christmas

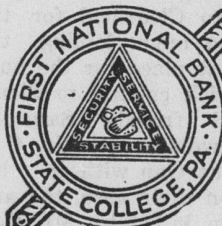
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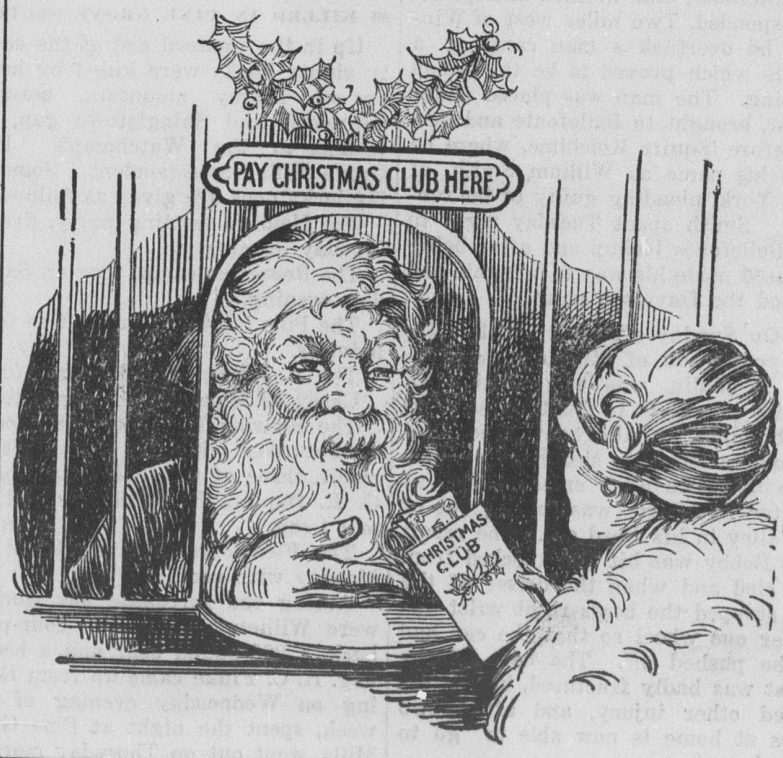
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