#### A View From The Governor's Office

By Gov. Raymond P. Shafer

Someone once defined history somewhere in the world That's as "the story of a hungry man over 3,500,000 humans per year, fish culturists across the Nation Spring has a water capacity of large scale starvation, especialin search of food" When you most of them children, starving stop and think of it, how true to death in the underdeveloped this is. Much of the unrest, tur- countries of the world moil and warfare throughout If these predictions of worldthe world, today as in the past, wide starvation come true, can be traced to hungry or where can we turn to produce fry in these jars for several large pump maintains a constant covery was made at Benner training neonle trying to obtain more food for a hungring world? the necessities of life

pangs of hunger are unknown to made to produce, through propgeographical or topographical plication of artificial fertilizers, limitations on the lands from its maximum potential in food aced, most of the time our farm-keep up with the population exers, through the miracles of plosion, predicted to leach 3½ modern, scientific agriculture, billion people by the end of this are able to produce more food century? That's two billion than is needed to feed our own more people living on this people so that we can export planet than in 1900 What would Nation and the world.

population will exceed the capacity of the earth to feed it. Some experts are already pre. food for a hungry world? starvation every 86 seconds For the past several months, tem per acre

Here in Pennsylvania, the agricultural land on earth is most of us There seldom are el soil conservation methods, any crop shortages, despite crop production techniques, ap which we produce our food In- Will that be enough food to many crops throughout our happen if the world's tillable land cannot produce enough

fish biologists and culturists have been conducting an experiment at our Fish Commission's Benner Spring Research Station these imaginative biologists are Commission's "trout silo" may near Bellefonte This pilot project has already attracted considerable attention from goving 17 feet high and 7½ feet in It may pave the way to answerernment officials, scientists, and diameter, this silo at Bennei ing the question of how to avoid

ago when several Pennsylvania top so the fish can be fed and nations where fish is a major Fish Commission biologists there are three portholes in one staple in the human diet started hatching trout eggs in side so the attendants can keep Every Pennsylvanian can be weeks before the fish were flow and exchange of water Spring Biological and engineerplaced in the standard hatchery throughout the silo which makes ing skill, coupled with imaginaponds outdoors Someone de- it self-cleaning Wastes produc- tion and the courage to break cided it might be interesting to ed by the fish are carried off at new ground has produced a let a few of these tiny fish grow the bottom as fresh water is con-revolutionary new technique of to maturity in the same jar in tinuosuly being pumped in at fish culture — one that is a which they had been hatched the top from the egg It had never Fish living in a silo sounds and her Fish Commission been tried before, but it work- simple, and it is But think what one that may soon have worlded Today, nine of these trout, this can mean to the ancient ait wide significance having a total weight of 8 of raising fish. It costs far less pounds, are alive and healthy in than constructing the usual fish a jar containing only 5 pounds hatchery with its long concrete

Despite the skill and hard food to feed three billion people, came when these biologists springs or wells in areas where first week in April; later plantwork of farmers and agricultural or if weather conditions, such as started figuring out the factor of the terrain to build a standard southeastern pared to the space required to fish hatchery It produces biggrowers who are planning to pared to the space required to fish hatchery. It produces big-rear them. After very detailed ger fish in much less time, How can we produce more computation, they concluded this since the system is self-cleaning without any nurse crop, should rather simple experiment, if ex- and the fish can utilize all of the also plant as early as possible dicting such a possibility, per- One possible source of ad-panded to larger numbers of food provided to them. haps within our own lifetimes ditional food can be found to fish in larger containers, can But perhaps the significance These early plantings take ad-Already someone dies from day right here in Pennsylvania produce 1,600,000 pounds of pro- of this unique project, the first vantage of cooler weather and

lined pools and raceways It The amazing conclusion of takes up far less space; thus, fish that small experiment, however, hatcheries could be placed near

of its kind ever tried, truly rests more abundant moisture to get on the tremendous quantity of well started before hot weather protein produced in such a arrives Fall or winter plowing limited space No crop of land, for these crops will usually despite maximum yield, can make it possible to plant earlier equal such production of pro- in the spring.

From trout in a glass jar, tein The Pennsylvania Fish now raising some 21,000 rainbow well be the forerunner for fish tiout in a fiberglas silo Measur farming on a world-wide basis It all started several years 4,400 gallons It is open at the ly in those underdeveloped

tribute to our Commonwealth

Early spring planting of some of our crops is very important Growers of spring oats should make an effort to get them planted the last of Mar. or the make a straight alfalfa seeding and by the middle of April

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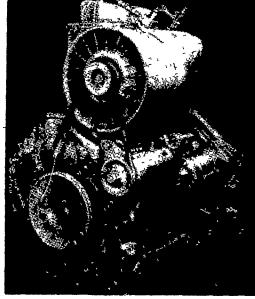
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