

● **Face Fly**  
(From page 1)

Keys to laboratory propagation of this insect, the entomologists found, are in proper diet and light. The adult flies are now being fed a highly nutritious diet of skim milk, sugar, pollen raw beef, malt extract, brain heart infusion, mucoproteins from animal intestines, and fresh cow manure. One by one these items are being omitted from the diet in order to determine which of them are essential dietary requirements. Sun lamps and daylight fluorescent lights are used to simulate natural sunlight needed to stimulate egg laying.

In studying the habits, behavior, and life cycle of these insects, the scientists have discovered that the face fly and house fly complete their life cycles in the same length of time. However, the face fly spends less time in the larval stage and more in the pupal stage of growth than does the house fly.

The scientists also confirmed that face fly females will lay their eggs only in fresh cow manure. They would not deposit eggs in a synthetic medium used for rearing house flies. The face fly also differs from the house fly by laying its eggs under the surface rather than on the surface of the medium used.

The face fly caused no great concern in the United States until 1959. By that time it had spread to several eastern states. It now occurs in nearly all states east of the Mississippi River, north of and including Tennessee and North Carolina, and west of the Mississippi River in Iowa, Kansas, Minnesota, Missouri, Nebraska and in North Dakota.

Usually congregating on the faces of cattle and horses, the female flies feed on secretions formed around the eyelids or on mucous and saliva from the nostrils and

**Best Food Buys**  
**Thrifty Shoppers Save Money**

Emphasis on "economy meals" continues to have appeal as we begin the second week of the Lenten observance. With a wide variety of foods in plentiful supply, foodshoppers should be able to stay within the limits of the family budget, reports Tom Piper, Penn State Extension Marketing Agent.

Look for spot bargains on pork chops, picnics & ham; chuck roast and rib steaks will headline many features on beef. Lamb continues on

the list of food-values. Most poultry items will wear the higher price tags; frozen turkey and duckling will be the exceptions. Wholesale egg prices have advanced slightly; large size eggs, continue as the best buy on a weight basis.

Iceberg lettuce and broccoli lead the parade of values at the vegetable counter. Potatoes, mushrooms, celery, cabbage, cauliflower, onions and leafy vegetables may also be included at

**U.S. Meat Production Rise Is Expected By Experts**

The nation's cattle raisers and feeders will provide the people of the United States with a record supply of steaks, roasts, hamburgers, and other beef products in 1961, according to the National Live Stock and Meat Board. Per capita consumption of beef in the coming year should amount to 88.8 pounds. This is three pounds more than the average beef consumption per person in 1960, which also was a record year.

Forecasts by the United States Department of Agriculture indicate that per capita consumption of all meats—beef, veal, pork, and lamb—will reach 164.3 lbs in 1961. Larger beef supplies will be responsible for the three pound increase over 1960. While total production of meat both in 1960 and 1961 will have exceeded the record 28 billion pound output of 1956; the record per capita consumption of 166.7 pounds,

mouth. The flies continue to attack the open eyes of older animals, and the entire body of newly-born calves

established in 1956, is not expected to be broken because of the rapidly increasing population of the United States.

Supplies of pork per person in 1961 will be about the same as the 64.5 pounds that the population consumed on the average in 1960, lamb will be down slightly from the 4.6 pounds figure of 1960 and veal will be up slightly from the 6.3 pounds of 1960.

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reasonable prices. Sweet corn, green beans, green onions and carrots hold at firm price levels. Tomato prices advanced slightly this week but considering growing and selling costs, they are still not too high. Cranberry products, rice, canned ripe olives, peanuts and peanut products are in plentiful supply and currently on the list of goods. Their values are generally limited to items in heavy volume. These include bananas, grapefruit, oranges and apples. Small sized grapefruit are the better buy. Orange prices are expected to remain firm on the supply and demand.



MANHEIM FUTURE FARMERS have purchased a boar for the use of members in their Supervised Farming Programs. The Boar was Grand Champion of his class at the recent statewide show and sale of Purebred Yorkshires. The pig was bred and consigned by Parke Thomas Beaver town. He is shown with Harold Hess, the Sophomore FFA member who will house the boar for the chapter. Harold is the son of Mr and Mrs Henry G. Hess, Manheim R3.

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