

● **Alfalfa**

(Continued from Page 4)

enough to produce 4 tons of hay per acre per year and maintain the stand. A ton of

alfalfa hay will remove about 43 pounds of potash from the soil. Unless this much is replaced, the stand will not be maintained.

**Air Pollution Causing Damage To Plant Life**

The same kind of weather that causes hay fever victims to sneeze is probably responsible for air pollution damage to plants, says Dr. Donald Crossan, associate professor of plant pathology at the University of Delaware.

He is directing a research program aimed at connecting the severe leaf spotting frequently found in some plants with a specific kind of weather. When a thin layer of warm air stays close to the ground, the air becomes increasingly dirty or polluted.

A wind blowing from a source of air pollution, such as a refinery, traps the pol-

lutants and blows them toward areas where plants are found damaged. Crossan explains that a relatively short exposure to pollutants—only a few hours—can severely injure plants.

Crop losses along the Eastern seaboard caused by air pollution are currently estimated at more than \$18,000,000 each year. The increasing industrialization and urbanization in that area will cause even more air pollution in the future, Crossan says.

The problem will undoubtedly become more severe when more industry is added to the present complex of chemical companies and oil refineries. The increasing number of cars and trucks on

area highways also contributes to the pollution problem. Gases produced by these sources can cause considerable damage to agricultural crops and ornamental plants, particularly with unfavorable weather.

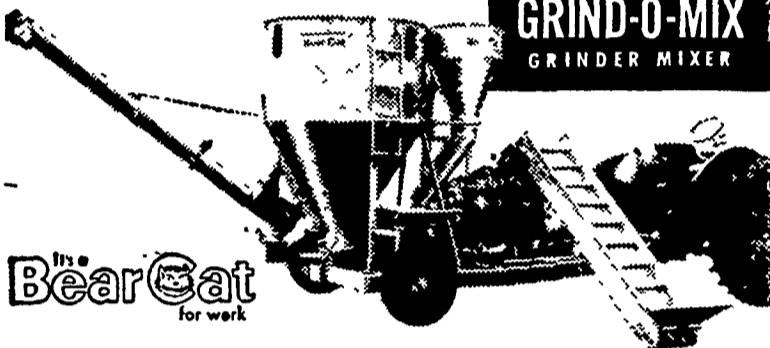
Plant scientists at the University have observed increasingly severe crop damage believed to be caused by air pollutants. Tobacco, spinach, lima beans, potatoes and various ornamental plants are especially sensitive. Damage in some cases has been so severe that entire fields of spinach have had to be discarded. Plants grown in some greenhouses have shown similar damage. Scientists have eliminated insects, diseases and nutritional deficiencies as possible causes of the observed damage; therefore, they believe air pollution must be responsible.

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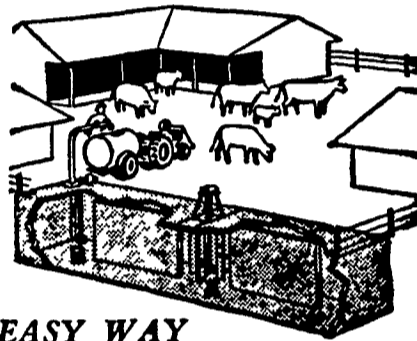
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OF VALUABLE REAL ESTATE

On Thursday, October 28, 1965 at 2 P.M. sharp at R. D. #2, Airville, Pa. in Fawn Twp. at Woodbine. The undersigned will offer at public sale the following real estate consisting of dairy farm with approx. 179 acres of land of which there are 95 acres of farming land and the balance about equally divided between good pasture ground and woodland. Farm is improved with the large main house of stone & frame consisting of 4 bedrooms, dining room, living room with fireplace, kitchen, den, foyer, enclosed porch, 2 1/2 baths, cemented basement, heated by oil hot water heat, telephone. House is in very good condition throughout, must be seen to be appreciated. Also a block 3 bedroom tenant house with bath and a two car garage. Farm buildings consists of large barn equipped for 39 milk cows and room for 20 more head, barn has large storage area with corn crib, milk house, 2 silos. There is lots of good road frontage on this farm, large stream running through meadow. This is an ideal property, will be open for inspection all day October 14 or for appointment at any other time phone Airville 862-3957. Terms of sale 10% down, balance on April 1, 1966 when full possession will be given. Owner willing to help finance.

AMOS HIVELY Owner

Jacob A. Gilbert Auctioneer