

## Systemic Poisons Protect Plants

Experimental success with systemic insecticides for both granular and dust form against bean beetles has been reported by the U. S. Department of Agriculture.

Used in these forms, rather than as spray or dust, phosmet (Thimet) and Di-Syston controlled the two-spotted spider mite. Control lasted two to three months in experimental plots of lima beans, according to scientists at USDA's Agricultural Research Service.

Unlike the more costly conventional applications of spray and dust insecticides, applications of systemics are not destructive to natural predators and parasites of

crop pests.

The insecticides were applied at planting time through nozzles or tubes attached to the planter boots as to place the insecticide in the soil with the seed.

In the experiments, conducted in southern California, the systemics applied in the seed furrow in dosages of less than 1 pound per acre were as effective as higher dosages against the mites. Control was as high as 95 percent for three months after planting. The residue amounted to less than 0.1 ppm (parts per million) in tested samples of dried beans and there was no appreciable toxicity to the bean plants.

The two-spotted spider mite may infest nearly all field crops, vegetables, orchard trees, weeds and greenhouse plants. It is distributed

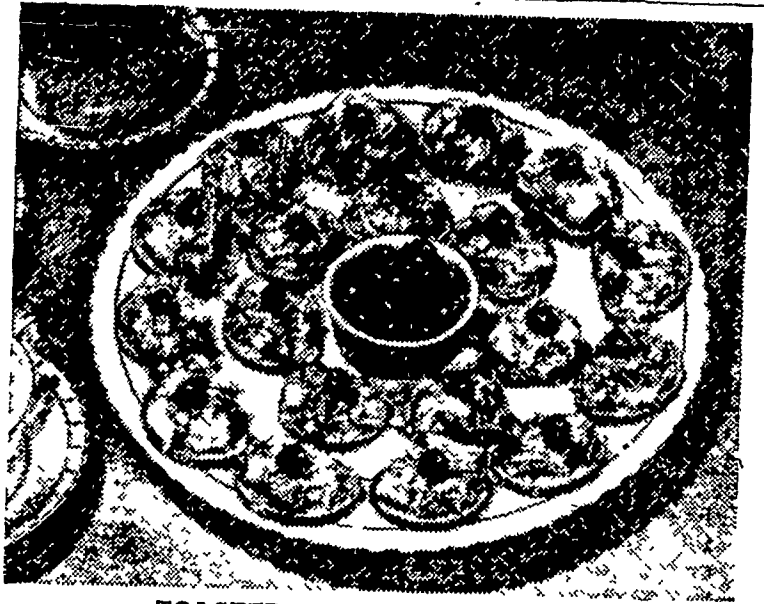
## Ayrshire Record Is Announced

An Ayrshire cow, Magnet's Queen May, owned by C. Harold Gable & Son at Elverson, Pa., has been given the high rating of 'Approved Dam' by the Ayrshire Breeders Association, Brandon, Vermont.

The Approved Dam rating has been given to this cow in recognition of the production ability of at least two of her offspring. She has 2 daughters that average 10,863 lbs. of 4.14% milk and 450 lbs butterfat Mature Equivalent, 2x, 305 days.

The Approved Dam P'an, adopted by the Ayrshire Breeders' Association in '42, has aided in the identification of the most valuable brood cows in the breed.

widely throughout the U. S., can stunt the growth of host plants, and can kill plants if left unchecked.



TOASTED TURKEY APPETIZERS

- 2 cups roasted turkey, cubed
- 3 tablespoons butter
- ¼ cup chopped onion
- 3 tablespoons flour
- 1 teaspoon salt
- 1 cup milk
- 1 teaspoon Worcestershire sauce
- Thinly sliced ice box rye or round crackers
- Grated sharp cheddar cheese

Melt butter. Cook onions in butter until golden brown. Stir in flour and salt. Add milk. Continue to cook, stirring until thick. Stir in Worcestershire sauce and turkey. Mix well to thoroughly combine the flavors. Spread one teaspoon of the turkey mixture on rye bread or crackers. Sprinkle top of turkey mixture with cheese. Place on a cookie sheet in a hot oven (425 degrees) and toast 3 to 5 minutes or just until the cheese melts. Serve hot garnished with whole cranberries and whole cranberry sauce. Yield. 25 appetizers.

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