

## Spray Now To Control Insects In Next Year's Alfalfa Crops

Heptachlor has been approved for application to alfalfa

fields for insect control as late as November 15, Arnold Lueck, Assistant County Agent, said this week

The date is fifteen days later than the allowable date last year. Dieldrin, also recommended for fall application to alfalfa for weevil and spittle bug control may be applied up until November 30, the same date as was allowable last year.

Neither of the materials should be applied to alfalfa before the last cutting has been made, and the treated fields should not be grazed or harvested before time for the normal first cutting next spring. Spring and late Summer seedings should be treated the same as older alfalfa stands.

One pound of actual Dieldrin per acre may be applied after the last cutting and not later than November 1 by any of the three following methods:

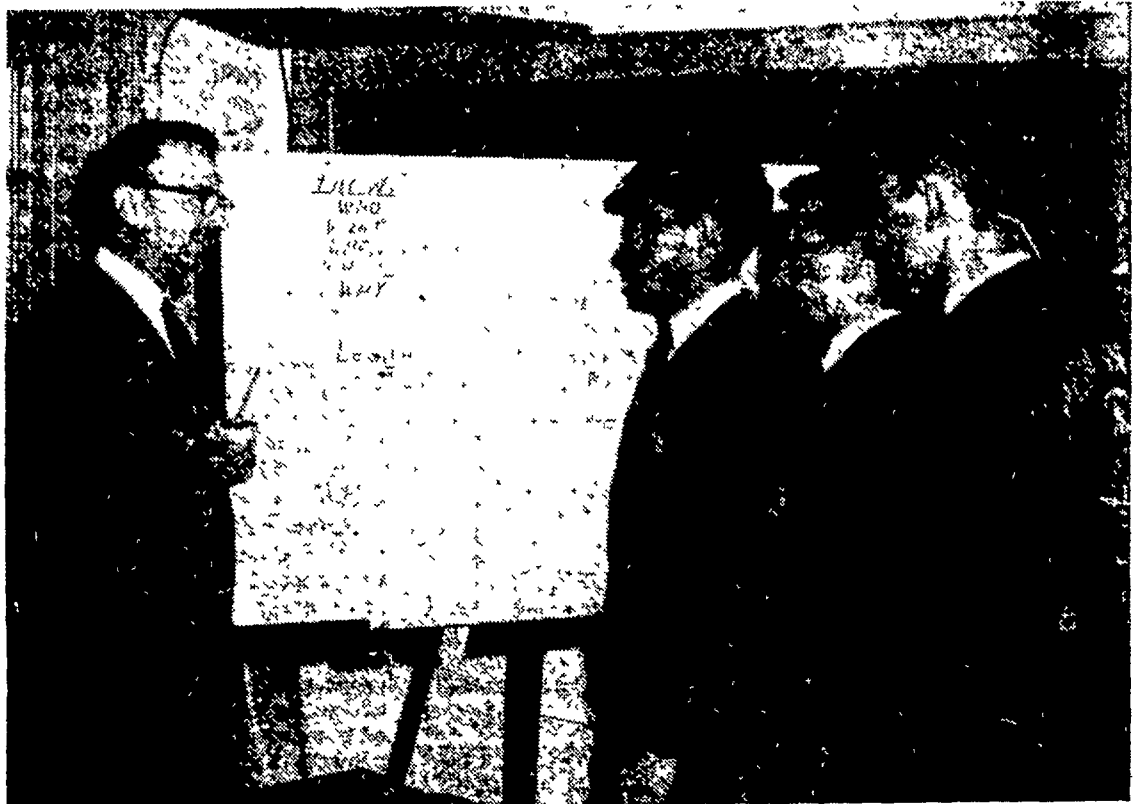
1 Dieldrin Spray - Use 3/4 gallon (about 3 quarts) of 1.5 pound per gallon emulsion or 2 pounds 50% dieldrin wettable powder per acre.

2 Commercial Fertilizer - Insecticide Mixtures - Good weevil control is obtained when the fertilizer granules are impregnated with the insecticide to give 1 pound actual toxicant per acre. When insecticide granules are mixed with granular fertilizer, at least 40 or 50 pounds of insecticide granules are needed per acre and must be thoroughly mixed with the fertilizer. Fertilizer - insecticide mixtures should be purchased from commercial companies that have the equipment to prepare them properly. In general growers should not try to make fertilizer - insecticide mixtures.

3 Dieldrin granules - Use either alone or mixed with fertilizer - 40 pounds of 2 1/2% or 50 pounds of 2% per acre. Proper machinery is necessary for applying insecticide granules alone.

One pound of actual Heptachlor per acre may be applied after the last cutting and not later than October 15 by any of the following three methods:

1 Heptachlor Spray - Use 2 quarts of 2 E emulsion per



STATE FUTURE FARMER OFFICERS get a lesson in Press Relations from George Van Horn, agricultural communications representative of the Pennsylvania State University during the three day Leadership Training Conference this week. Left to right are Van Horn, Paul Trimble, state treasurer, Quarryville R1; Clarence Bauman, state sentinel, Lancaster R7, and Kermit Ohlinger, Region II vice president, Oley. The conference was sponsored by the Keystone Association of the Future Farmers of America.

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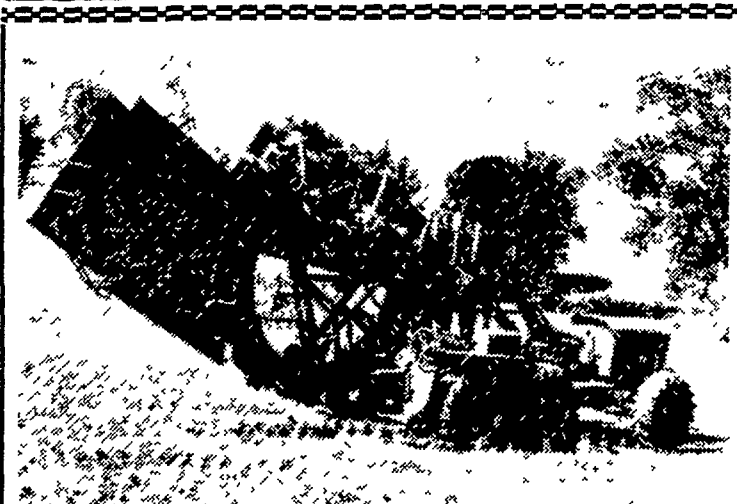
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acre.

2. Commercial Fertilizer - Insecticide Mixtures - See statement 2 under dieldrin.

3 Heptachlor granules - Use either alone or mixed with fertilizer - 40 pounds of 2 1/2% or 50 pounds of 2% per acre. Proper machinery is necessary for applying insecticide granules alone.

Better insect control is obtained when either of the insecticides is applied in Oct-

ober. Our observations, and some research work indicates when either of the insecticides is applied later in the fall insect control is reduced, Lueck said.

When using weed type sprayers apply 20 or more gallons of spray per acre with 40 to 100 pounds rpressure. With high pressure sprayers apply 50 or more gallons per acre at 200 to 400 pounds pressure.

### ● FFA Officers

(Continued from Page 1) in June.

The boys received instruction in duties of their offices, parliamentary order, public speaking, and public relations.

Trimble and Bauman along with the other state officers will attend the national FFA convention in Kansas City from October 7 to 13 as the official delegation from the Keystone Association.

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