

## Associate County Agent Warns:

# Use Agrichemicals Selectively

"The idea a bug is a bug, or a weed is a weed, is not good enough" in determining the type of control program to use, Arnold Lueck, associate county agent, warns

Get the weed or insect identified, or take a sample. Sprays are very specific in their use, he said, and once identification is established, the recommended spray can be applied

Lueck's advice coincides with the increasing national concern about the environment in general and the use of the so-called "persistent pesticides" in particular. The persistent or "hard" chemicals are those which don't break down quickly and leave doses in the soil lethal to some animals.

These persistent pesticides include chlorinated hydrocarbons, including DDT, heptachlor, dieldrin, aldrin, chlordane, endrin and lindane

Of these, DDT is the only one banned so far by the USDA, but the others are being severely limited.

Lueck said the loss of DDT will have no effect here, since it generally has been phased out of use over the past 10 years and there is no real need for it

Others, such as 2, 4-D and 2, 4, 5-T, familiar brush killers, however, are no longer being recommended by the Cooperative Extension Service because of their long lasting qualities

They have not been banned by the USDA.

They have been used to kill horse nettle "No satisfactory substitute has been found," according to Lueck

Lueck said corn is the crop that allows the most latitude in control since it is affected least by the sprays.

Alfalfa, however, needs help in its early stages. Seedlings are poor competitors because they grow slowly, while weeds grow rapidly, Lueck said

Once established, alfalfa can hold its own, but it needs weed control help either through herbicides or an oats crop to stop weeds

Lueck said he is not anticipating any problem with in-

sects or weeds this year, but said the corn root worm and the potato bug should be watched carefully for a buildup

Insect activity begins when temperatures reach into the mid 50's. Farmers should be watchful.

Farmers can control insect and plant pests in crops without using "persistent pesticides," but more knowledge of what is

going on in the field is necessary, according to Lueck. Increased vigilance in the field, he said, will allow the farmer to spot the emergence of young insects, which can be killed with less potent sprays than the adult insects

Weeds, too, should be watched, he said, since they cause more crop loss than insects and disease

The key is catching a potential problem before it becomes a major one that can only be handled by massive dosages and stronger agrichemicals

## 12 Archers Match Gunner in State

An even dozen archers harvested deer during Pennsylvania's gunning seasons, a recent Game Commission survey showed

Eleven of the successful bow-benders were Pennsylvania residents. The non-resident who scored is believed to have been the first out-of-stater to take a white-tail with bow and arrow during the gunning seasons

The survey showed that 115 men accounted for 110,245 deer during the most recent seasons, shotguns took another 2,899 whitetails, and 359 used handguns to collect their trophies

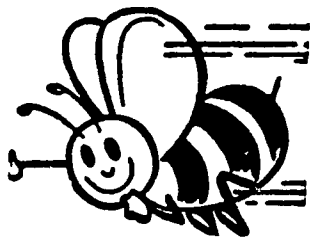
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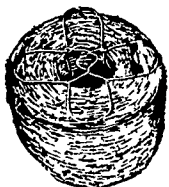
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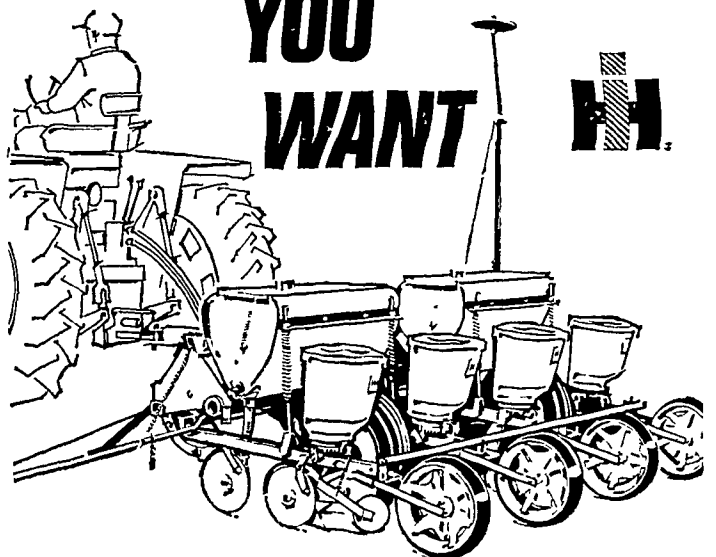
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