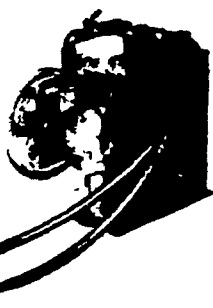


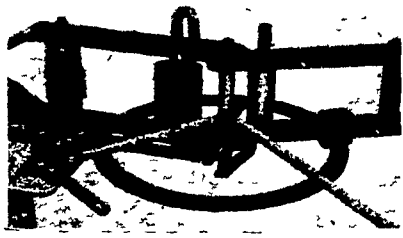
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Pests to watch in 1981

GEORGETOWN, Del. — While the Mexican bean beetle was a threat to soybean farmers last year, the pest to watch for this year may be the European corn borer, says University of Delaware extension pest management specialist Mark Graustein.

Graustein says there may be fewer Mexican bean beetles in the area this year than last. This prediction is based on the fact that overwintering populations of adults in late soybeans are lower this year than in the winter of 1979-1980.

Comparisons of key locations also indicate lower MBB populations. This is largely due to two factors: (1) the drought which caused the desiccation of second and third brood eggs, and (2) the efforts of the USDA through its Parasite Release Program.

Under this program, *Pediobius*, a parasitic insect, is released into the area where MBB are expected to appear. There, the wasp deposits its larvae in beetle larva, causing them to die.

Graustein estimates that over one million parasites were released in Delaware, Maryland, Virginia, and New Jersey last year. Delaware released over 25,000.

He says we could see a moderate level of European corn borer in corn plantings this year. Data collected from the fall survey of overwintering populations seems to point toward ECB as the pest to watch for in 1981.

The yearly average of ECB per 100 plants in Delaware is 341. The average last fall was 231. The all-time high in 1977-78 was 707 per 100 plants.

While this year's number is nowhere near the high in 1977-78, you can probably expect economic levels of infestation in earliest planted corn. This is especially true for the southern parts of the state.

Graustein recommends that farmers not use systemic insecticides to control ECB. Instead, wait to see if the borer shows up. If it does, follow the integrated pest management guidelines for control.

Growers should be aware that weather conditions in the spring greatly influence pest populations for the season. Follow integrated pest management reports to keep tabs on actual pest conditions this summer.

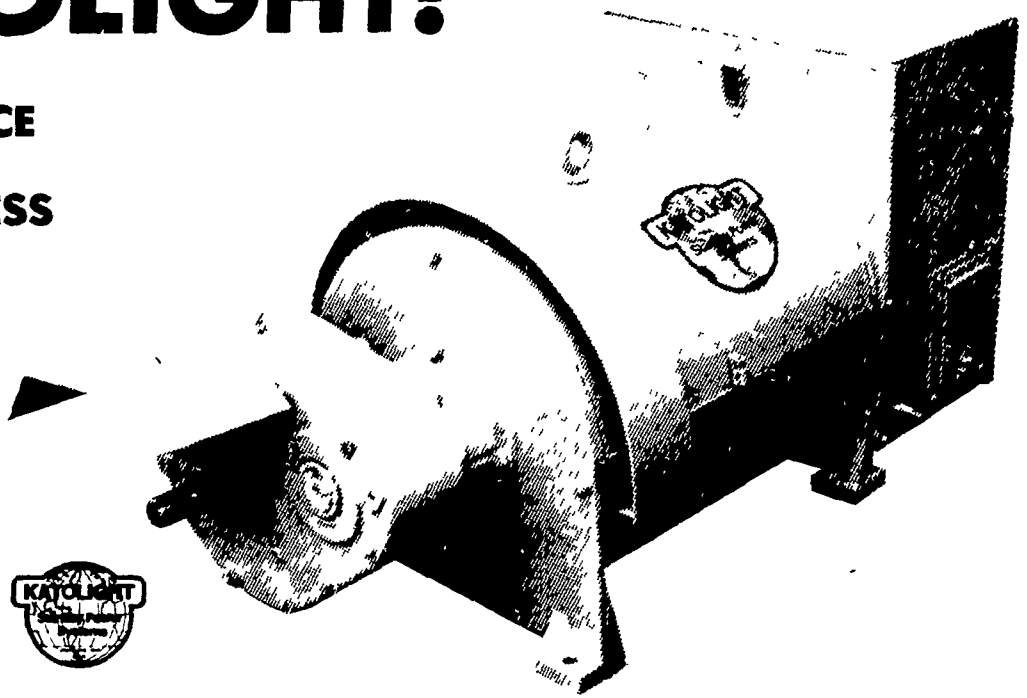
One more word of caution. Other pests such as aphids and army worms can survive during severe winters while such weather has detrimental effects on their enemies. If this winter continues to be severe, Graustein suggests that these pests could also be a problem next summer.

For further information, contact your county extension agent and if you're not already receiving the Integrated Pest Management Report, call your county extension office and ask to be put on the mailing list.

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35LR1	35,000	105,000	55	120/240	150	1	3	580	600
45LR1	45,000	135,000	70	120/240	175	1	3	670	730
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