

● **Potato Research**

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It has long been suspected, Harrington observed, that the source of potash had an effect on yield and chipping quality of potatoes. This first year trial gave a definite hint that this was true.

The data suggested that the chlorine form of potassium resulted in higher yields, but the sulphate form produced lighter chips. Next year's experiments will be designed to pursue these questions with more statistical validity. Harrington noted.

Without saying where such trials will be held, Harrington said that the potato research project will be continued in

Lancaster County in 1967

CONTROLLING INSECTS

In discussing insect control programs, Henry Menusan, extension entomologist, cited soil systemics as the best insect

control measure available to potato growers during the past ten to fifteen years.

Although there are 60-70 insects known to attack potato crops, Menusan said only about a dozen of these are economically worth controlling.

SYSTEMICS

The systemics work like fertilizers, the entomologist explained. In many cases they are applied in a mix with the fertilizer. They are picked up by the plant and attack the insects as the latter attack the plants. Systemics are economical,

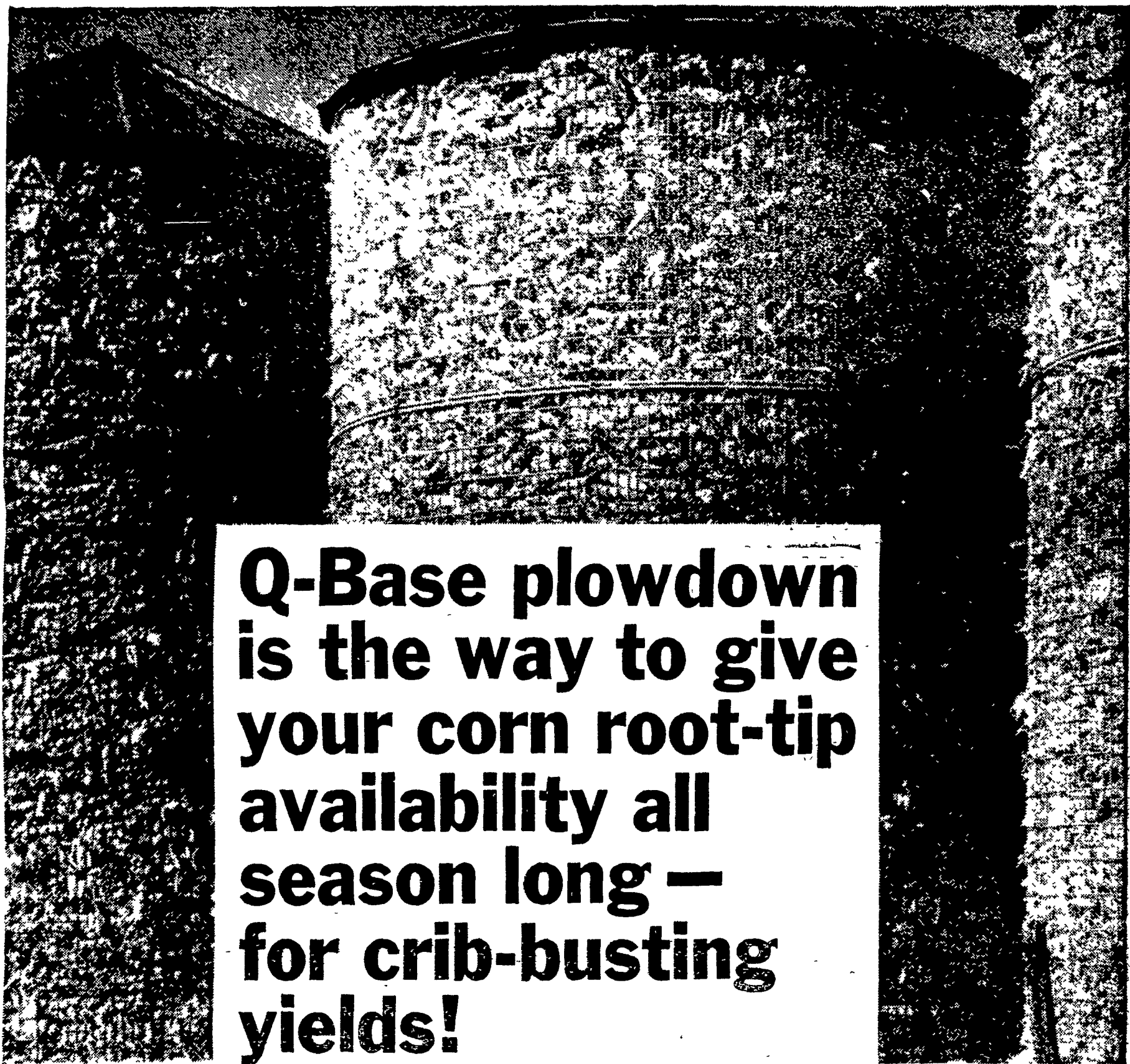
costing about \$7.50 per acre, and they give 60-90 days' protection against most major potato pests, Menusan said.

Their chief disadvantage is their toxicity to mammals. He cited new systemics which were coming on the market. Although Systemics are economical, (Continued on Page 10)

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