Bob Mitchell

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In re Virginia Chemicals, you mentioned "allylamine" (?) as a precursor for a pesticide antidote (?) Have you got a straight lead on that?

John.

My recommendation is not to invest in this field at the present time, but (as I will) to keep an eye open to future develop-ments.

Biological insecticides are another story. Few enough insects (besides bees) are economically valuable that we don't worry too much about spread.

I suggest you start by asking USDA to brief you on current status of their programs and to give a synopsis of work in progress.

Fungicides — ? An outside chance -- a few viruses that attack fungi are known, but at this time I don't see much promising in view.

... — cides; biological herbicides

The latter is tantamount to selective biological warfare against crops or weeds respectively -- an arena that, frankly, scares me though the military applications are, in principle, on the shelf for a while.

Even commercially, you will have to think about vulnerability to image problems, and more realistically, about the problems of testing agents in the field that have the potential to spread to desired crops.

At some point, however, we probably will be able to engineer bugs that are genetically disabled from moving from one plant to another, but which could be prepared to be infective in the initial spr