

## Section VII

### Insecticide Residues, Regulations, Application & Related Problems

#### A COMPUTER PROGRAM FOR CALCULATING PESTICIDE APPLICATIONS USING HAND SPRAYERS

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I have written a BASIC computer program for IBM-PC compatible computers that does the calculations for spraying small plots with Hudson-type hand sprayers. It assumes that the total contents of the sprayer will be applied to each plot. This program makes spray calculations easier, faster and more error free than doing the calculations by hand.

To run the program, you need to know the length and width of your plot in feet, pounds of active ingredient per acre, and the formulation of the pesticide. You can enter the amount of water per acre or amount of water in the sprayer tank. The results of the water calculations are written on the screen and you have the option of changing the amount of water until you get a satisfactory amount. The quantity of pesticide is also written on the screen. If this amount is too small to accurately measure, you have the option of making a stock mixture. You can change the amount of water and the amount of pesticide in the stock mixture as many times as you like until you find a satisfactory combination. The final amounts of water and pesticide or stock mixture to put in the tank, as well as other useful information in U.S. and metric units, is written by your printer.

If you would like a copy of this program, send a blank, formatted, 5.25 inch floppy disk to me and I will return your disk with the program.