DDT Resistant Flys Attacked By New Spray

one which has been in dis-

YOU CAN

developed DDT resistance. The vear -ew formula-consisting of is called Anthesistant DDT.

Pard Ross, the foundation's grace 25 a fix heller for the managing director, described past or years, soon will note the additive as a hamless have by the comback, accords chemical which does not by War II by averting insects for the first indicate the fant insects in research to the first insects in research to the passet correspond to the passet of the passe ng co a story from Mad son, self sifect insects However, when DDT is combined with the additive, the combination The Wisconsin Alurini Re- becomes especially potent terally were swept clean of each about the hansing for the successful rodenticide sees especially files which Warfarin has announced the rad occeloped resistance to Unfortunitely the flies bear to use other insectidevolument of a formula the insecticide An Antiresis- weren't ready to be counted a ce- in the meantime, rewhich makes DDT once more test. DDT wettable powder out They fought back by descent laboratories have been survive a measured amount dead v to nouseffies and vari- formulation will be made a veloping resistance to DDT card at work to overcome the

P. O. Box 25, EPHRATA

ous other insects which have vailable to the public this

When DDF was introduced Defore long it was impossible problem of resistance 1940's, it was hailed as a chemical mitacle. Health authorities credit DDF with have ing saved many thousands of whise other insects such as the problem of Israel's resisborne diseases such as cholera, " rairs or their own malaria, typhus fever and dy-

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DOT plus a special additive— as an insect killer in the mid- on a nousefty in the. In one or these laboratories,

sentery. Homes and farms litag ret resistant insects and

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chemicals with which he 45 PDF became less and worked had the ability to

> One strain of flies was so resistant that in laboratory of DDF spray. When Doctor Veeman's antiresistant was added to the DDT, however, there were few if any sur-VIVOrs.

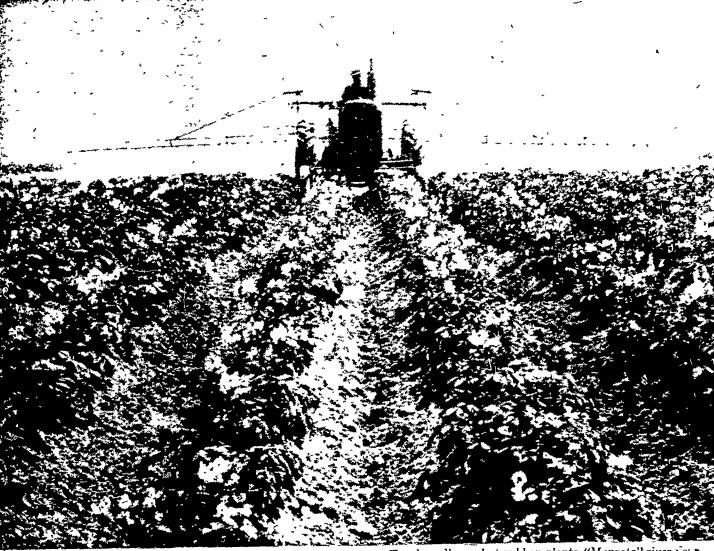
Some time after his discovorv Doctor Nechan came to the United States as a research associate in the University of Wisconsin's department of chemistry While there he brought his invention to the foundation's notice

The foundation's laboratories started a testing and development program determining toxicity, formulations proper levels of application and performance Samples were sent to workers in all parts of the country

It was found that in held use in heavily intested beef and hog barns single applications of Anthesistant DDT at recommended levels showed effectiveness of five to eight weeks. The flies in some of these barns demonstrated a resistance to ordinary DDT which was 250 times greater than that of nonresistant flies. DDT without the antiresistant had practically no effect on these flies

With all findings sathered and correlated, the new tormula is ready for release to the public Anthesistant BOT will be used initially for contiol of flies in beet and hog bains, municipal incinerators and garbage dumps Wider use in the frture will be based on the results of additional

Water is important to the growing chick had Cail Dossin, extension poultry spaceialist suggests poultrymen provide at least one gallon tountain for each 100 chicks, or tour teet of trough length for each 250 chicks when automatic fountains are used



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