12—Lancaster Farming, Saturday, August 27, 1966

Yellow Jacket Control Study

to a hypersensitive person, it can be fatal. Since a wooded pography, temperature and area may have two nests per soil type. acre with up to 1,000 stinging acre with up to 1,000 stinging The size of a cantaloupe, yellow jackets, control is im- the nests are made of "paper" portant to farmers, outodorsmen and homeowners.

To adequately control yellow jackets, you have to know their the surrounding earth with the life history and habitat, accord- same material. A level landing ing to Dr. Paul Catts. assistant platform and a tunnel lead professor, and Fred Preiss, re- from the ground surface to the the entire answer to the yellow search assistant, both in the nest itself, department of entomology and Inside th applied ecology at the Univer- honeycomb like cells containing rabies Catts hopes the research sity of Delaware Their pro- the yellow jacket larvae The will lea to other biological con-ject to provide the necessary queen lays eggs and the work- trol methods However, yellow information is part of long ers, which are sexless females. Jackets can be controlled with range research on the urban care for the larvae and for- a DDT powder, such as a 65 Impact on woodland ecology age for food. The workers have per cent dust, liberally sprinkl- As far as humans are con-been stung in the mouth or The work is carried out in the an egg-laying organ which is ed around the nest opening cerned, yellow jackets are vil-35-acre University woodlot modified to sting Dropes are and into the nest opening cerned, yellow jackets are vil-35-acre University woodlot

jacket, the researchers first summer to fertilize new queens. have to locate the nests As Catts points out, that may not

to the nest.

fer higher ground covered with may be in a single nest. leaves or underbrush. The reason the yellow jackets nest in Being stung by a yellow a particular location is still un-jacket is a painful experience; known; the scientists are investigating such factors as to-

> which the yellow jackets produce irom well-chewed wood. The nest is suspended from

To find out about the yellow males which appear in the late the DDT at night, he cautions.

The workers and drones do tiol yellow jackets especially be easy, since the nests are not survive the winter, and if in picnic areas where the pests devour decaying organic matthidden three inches to a foot more than one queen over- come from many nests which er. underground In fact, the best winters from each nest, they can't all be located Combine way to find the invisible nests each make a new nest in the equal parts of cider vinegar, is to watch flying yellow jack- spiing. Just before winter sugar and DDT liquid or powets; they fly horizontally while there may be as many as 50 der Place in small paper cups dangerous when the nest is

tributed over all the woodland late summer and early fall; as area; these wasps seem to pre- many as 3000 yellow jackets

As soon as the peak of the yellow jacket population is reached, skunks begin to show up at the University woodlot, Catts says, and by October all the wasp nests are destroyed. Skunks are apparently tolerant of the yellow jacket venom and regard the wasps as a delicious additon to their diet. They eat the entire population, digging up the nest to get at the larvae and pupae.

Unfortunately skunks aren't jacket problem since the Inside the nest are tiers of skunks are potential carriers of modified to sting. Drones are and into the opening itself Use lains However, they, too, have food on which a yellow jacket

hunting food and vertically in-to the nest. The nests are not evenly disenses is at its highest in the catts. The population of the catts is at its highest in the catts is at its highest is a Pay By The Ton," Bull Warns

> HARRISBURG - The State Hay generally is baled in Agriculture Department Wed- two sizes, he pointed out, 40nesday cautioned farmers to pound bales and 30-pound insist on weight slips when bales. These weights, however, buying emergency supplies of are only approximate and may hay.

> number of reports of farmers it is packed tightly or loosely. in drought-stricken areas get- These circumstances, Bull exting short weight when sold plained, could lead to a shorthay on the basis of 50 bales age of as much as 500 pounds to the ton, according to State to a ton. Agriculture Secretary Leland H. Bull.

> rule-of-thumb in judging the buy by the bale and pay by weight of hay, it is far from the ton," the secretary added. accurate," Bull said

> out of children's reach. The disturbed. Even then they genbait is not attractive to honey erally will not follow a victim bees so it won't hurt them, ac- more than 25 feet. Nonetheless,

their place in the woodland has just landed. ecology. They are part of the A bait can be used to con: woodlot sanitation department - necessary scavengers that

> Usually, according to Dr Catts, yellow jackets are only

vary because of the condition The warning followed a of the hay itself, and whether

He advised farmers, to avoid risk of loss, to insist that all "While this is a common shipments be weighed. "Don't

ccording to the entomologists people eating in the open have



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