** This video release from K-State Research and Extension is available online at https://www.ksre.k-state.edu/news/stories/2023/07/video-agriculture-nano-pesticides.html

A direct link to the video is at https://www.youtube.com/watch?v=fXKDFyy9lw8

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**Video: K-State working with nanotechnology to control pests**

**K-State Research and Extension news service**

In this video, K-State Research and Extension entomologist Jeff Whitworth explains the university’s work to develop nano-pesticides that will kill pests with fewer pesticides released into the environment.

“We’re already starting to select and screen what we call green pesticides -- or organic pesticides -- to see if there’s any value in using some products that we don't normally consider pesticides,” Whitworth said. “At the nano level, they may be more easily absorbed or taken up by the pest.”

Nano-entomologist Amie Norton said one approach includes recycling agricultural waste.

“I'm trying to come up with better solvents in the synthesis of the material,” she said. “When we apply the material, one reason that goes on nano is so that we're using less active ingredient and that's good for the environment. It's also good for the farmer because it's cheaper.”

The full video is also available on YouTube, https://www.youtube.com/watch?v=fXKDFyy9lw8

-K-State Research and Extension video by Matthew Campbell.

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