

# Multiple Uses For Telone II

## Yields Could Increase

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The use of Telone II by Dow Chemicals and a fumigate applicator from Chemical Containers Inc. could increase cotton yields according to Gene Burris of Louisiana State University's Northeast Agricultural Center's Re-

According to Burris, the Telone II has been used on sweet potato crops in Louisiana. "We are finding multiple uses for it in Louisiana," said Burris, "We have a large sweet potato acreage that uses Telone II predominately for root knot and reniform nematodes."

Reniform and root knot nematodes are plant parasites that are continuing problems in



**Gene Burris of Louisiana State University's Northeast Agricultural Center's Research Station showing a Premier Nitrogen Pressure System from Chemical Containers Inc.**

Photo by John LaRose

search Station.

This specific rig is a Premier Nitrogen Pressure System from Chemical Containers Inc. in Lake Wales, FL. This rig has been on the market for around five years and is used with Telone II to control root knot and reniform nematodes at the station. Only two such rigs are currently being used in cotton research. The rig allows site-specific precision application of Telone II.

"The self enclosed Telone II applicator is connected to a large tool bar with 30 inch coulters for placing fumigate," said Burris, "it places the fumigate about 15 inches into the soil. It is rigged out with dual valves that can be hooked up to a computerized system in the cab of the tractor to apply site specific delivery of the product on an as needed basis."

Louisiana. These two types of parasites cause the most problems in cotton and sweet potato crops and can cause serious yield damage. Reniform nematode is a tropical or subtropical nematode that thrives in Louisiana's soil and weather conditions. Hard freezes and frozen soil to the depth of several inches could reduce population of this pest, but freezes are basically nonexistent in Louisiana. Root-knot nematode is a widespread pest that is considered indigenous to the state of Louisiana.

Burris and his team are also exploring the use of Telone II on corn. "We have found 20 to 30 bushel increases with corn so we believe that there are multiple cropping opportunities with the use of Telone II," said Burris. △

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