

# FARM SHOW

For everyone in agriculture interested in latest new products and ideas. Carries no advertising!

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## REVOLUTIONARY NEW MACHINE DRIES HAY IN THE FIELD

### "On-The-Go" Microwave Hay Dryer



A 7-ft. wide up-front pickup reel lifts wet hay onto conveyor belts that run the length of the 50-ft. long first-of-its-kind microwave hay dryer.



When hay exits the back of machine, it's dry enough to bale yet it's not brittle like sun-dried hay so there's almost no leaf loss, says inventor Harold Herron.

By Mark Newhall, Editor

Farmers driving rural roads near the town of Live Oak, Fla., had better be prepared for some big city-style traffic jams over the next few months because when this revolutionary new machine takes to the field, no one driving by can resist slowing down to take a closer look.

The 50-ft. long gigantic "on-the-go" microwave hay dryer picks up a windrow of freshly cut hay with a standard-looking hay pickup, runs it past 210 microwave "motors", and then dumps it out the back, dried down and ready to bale. It's the first machine of its kind ever built and, according to inventor Harold Herron, the first time microwave technology has ever been used successfully to dry a crop in the field. He says his machine could be adapted to dry other high-moisture crops.

"There have been other attempts in the past to use microwaves to dry crops, including a highly-publicized crop dryer built in Atlanta during the 1980's. But, the idea never worked out until now because they always tried to build a big microwave generator, which was too expensive. We use standard magnatrons to generate the microwaves - the same type of microwave units used in ordinary household microwave ovens," says Herron. "This design not only costs a lot less than trying to build a big microwave unit, it also works much better."

The 210 microwave magnatrons are spread

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