St. Landry Has Farm ‘First’

**Bifluid** Spray Airplane

First of Kind in Nation

An agricultural “first” for St. Landry Parish was unveiled Sunday near Washington when Star Dusters, Inc., demonstrated their newly built Stearman spray airplane.ParseException: unparseable token (null)

The St. Landry Parish Stull Chemical Co. installed a new spray system on their family-owned aircraft, providing a demonstration of the new feature.

**DEMONSTRATING new bifluid spray system**:
Cron revs up the 450-hp Pratt & Whitney engine and goes full pelt with the new bifluid spray system.

**here he comes**:
Approaching spectator, pilots fly the bifluid spray plane.

**in front of plane**:
Star Dusters president Ed Thistlethwaite and aircraft mechanic Phil Cron pose beside small spray plane.

**Farmers watch drift pattern of heavy mixture**
During demonstration, farmers watch the drift pattern of the heavy mixture.

**now of cotton**:
Cron makes several spray runs over the farm, demonstrating the new bifluid spray system.

**the st. landry farmer (a supplement of the daily world)**

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**THE ST. LANDRY FARMER**

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**Bifluid Spray Airplane**

First of Kind in Nation

An agricultural “first” for St. Landry Parish was unveiled Sunday near Washington when Star Dusters, Inc., demonstrated their newly built Stearman spray airplane. This aircraft was the first in the nation to be equipped with a new bifluid spray system, which enabled it to use two different chemicals simultaneously.

The bifluid spray system consists of two separate chemical tanks, one containing an oil-based chemical and the other an oil-water emulsion. The two chemicals are mixed in the special Stull Chemical Co. pressure tank, and the resulting mixture is sprayed at high speed and pressure, ensuring a thorough coverage of crops.

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