



THIMET® APPLICATION IN SMARTBOX®

For Use in Sugarcane

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Tim Ford



What is Smartbox[®]?

1. Closed **Handling** and **Application** System
2. Smartbox container is a closed packaging container
3. Smartbox base unit is part of an electronic application system
4. Both components work together to create SmartBox System



SMARTBOX[®] Use Today

1. Primary use is on planters used to plant corn in the Midwest US
 - a. Original products available in Smartbox were labeled for corn only
2. AMVAC has now acquired THIMET[®] which is labeled for sugarcane, peanuts and other crops
3. AMVAC is now expanding Smartbox use in crops other than corn

Current Granular Products in SmartBox®



Chlorethoxyfos (AMVAC)

Tebupirimphos plus cyfluthrin
(Bayer)



Tefluthrin (Syngenta)

Phorate (AMVAC)



Terbufos (AMVAC)

Chlorpyrifos (Dow)



Review of SmartBox[®] System

1. Transfer Container
2. Controller
3. Meter

SmartBox[®] Transfer Container



Product is supplied in a 50 lb. closed, returnable container

SmartBox[®] Controller



1. In-cab control of rates
2. Simplified calibration process
3. Provides instant application information for each row
4. Has zone control allowing for customized on/off and rate control
5. Records application data which can be downloaded to a computer
6. GPS compatible

SmartBox[®] Meter

1. Plunger is only moving part in system
2. Metering is accurate down to 1 oz/1,000 ft. & $\pm 5\%$
3. Rate per acre is constant regardless of ground speed
4. Flow sensing device alerts operator if flow problem occurs or if box is empty



Mounting of Smartbox[®] Base Units



Banders for product application



Smartbox® Use in Sugarcane

1. Last year a couple of applicators were set up in LA
2. Mounting on applicator is different than a typical row-crop planter
3. Thimet is the only product for sugarcane available in Smartbox

3-Row Sugarcane Unit



Benefits of Smartbox[®] in Sugarcane

1. Closed handling system provides safety to applicator
2. Electronic metering system is accurate and reliable
3. Thimet[®] provides reliable control of key pests



How to get a SmartBox[®] System?

1. Can order from Redball Manufacturing
 - a. 1-888-SMARTBOX
 - b. www.smartboxsystem.com
2. AMVAC provides a grower cost-sharing program to reduce initial cost to grower
 - a. Current program for corn has grower paying one-third of the cost
 - Specific program for sugarcane is not yet in print
 - b. Grower commits to use an AMVAC Smartbox product for 3-years

Smartbox[®] For Sugarcane

