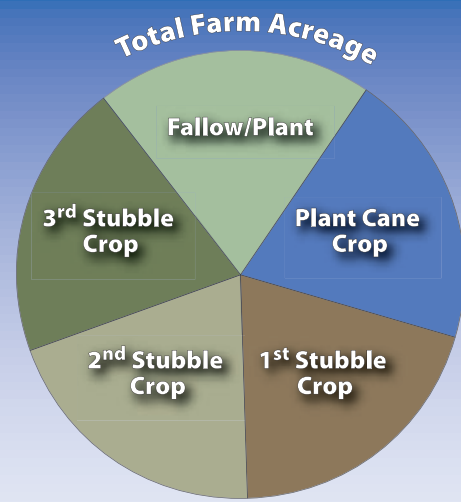




*A sugarcane planting can produce up to four crops.*



*Loading cane on farm.*



*Core samples taken at mill.*



*Stubble plowed out and rows reformed.*



*Rows opened for planting.*



*Mechanical planting of sugarcane.*



*Hand planting of sugarcane reduces seeding rate per acre.*

### Year 1 Fallow/Plant

#### March-August

Plow out old stubble from previous crop  
Fallow and seedbed preparation

#### August

Field operations  
Machine or hand plant seedcane

### Year 2 Plant Cane Crop

#### January-September

Herbicide, insecticide, fertilization  
and tillage field operations

#### December

Harvest plantcane crop  
Sugarcane sent to mill for processing



*Sugarcane stalks covered with 2-3 inches of soil.*



*Rows packed to seal soil.*

### Year 5 3rd Stubble Crop

#### January-August

Herbicide, insecticide, fertilization  
and tillage field operations

#### September

Harvest third stubble cane crop  
Sugarcane sent to mill for processing



*Residue burned to enhance crop regrowth.*



*Crop residue after harvest.*



*Billet harvested sugarcane.*



*Sugarcane for processing prior to harvest.*



*Whole stalk harvest.*



*Late season insecticide application.*



*Layby cultivation in May.*



*Herbicide is used in April for johnsongrass control.*



*Spring cultivation.*



*Herbicide applied and incorporated.*



*Fields at different times of the rotation cycle.*

## SUGARCANE Yearly Crop Rotation

### Year 4 2nd Stubble Crop

#### January-September

Herbicide, insecticide, fertilization  
and tillage field operations

#### October

Harvest second stubble cane crop  
Sugarcane sent to mill for processing

### Year 3 1st Stubble Crop

#### January-September

Herbicide, insecticide, fertilization  
and tillage field operations

#### November

Harvest first stubble cane crop  
Sugarcane sent to mill for processing

### Sugarcane Seedcane Expansion Cycle

#### Initial Seedcane Purchase

Year 1

Purchase Cultured Seedcane  
Hand Plant Seedcane

#### 1st Seedcane Expansion

Year 2

Harvest Seedcane Planted in Year 1  
Hand Plant at 10:1 Planting Ratio

#### 2nd Seedcane Expansion

Year 3

Harvest Seedcane Planted in Year 2  
Machine Plant at 6:1 Planting Ratio

Photos by Kenneth A. Gravois, James L. Griffin,  
Benjamin L. Legendre, Blaine Viator and John Wozniak.

*Every year a portion of a farmer's acreage is replanted to start a new crop cycle.*