

1. PaDIL Species Factsheet



Scientific Name:

Diatraea saccharalis (Fabricius)

(Lepidoptera: Pyralidae: Crambinae)

Common Name

Sugarcane Borer

Live link: <http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/136271>

Image Library

Australian Biosecurity

Live link: <http://www.padil.gov.au:80/pests-and-diseases/>

Partners for Australian Biosecurity image library



Museum Victoria

<http://museumvictoria.com.au/>



CRC National Plant Biosecurity

<http://www.crcplantbiosecurity.com.au/>



Plant Health Australia

<http://www.planthealthaustralia.com.au/>



Department of Agriculture, Fisheries and Forestry

<http://www.daff.gov.au/>



Department of Agriculture and Food, Western Australia

<http://www.agric.wa.gov.au/>

2. Species Information

2.1. Details

Specimen Contact: Department of Agriculture Western Australia -

Author: Graham, R.

Citation: Graham, R. (2005) Sugarcane Borer(*Diatraea saccharalis*) Updated on 2/13/2012 Available online: PaDIL - <http://www.padil.gov.au>

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2.2. URL

Live link: <http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/136271>

2.3. Facets

Status: Exotic species - absent from Australia

Group: Moths

Commodity Overview: Field Crops and Pastures

Commodity Type: Grains, Grasses, Sugarcane, Rice

Distribution: USA and Canada, Central and South America

2.4. Other Names

Chilo obliteratellus Zeller

Crambus leucaniellus Walker

Crambus lineosellus Walker

Crambus sacchari Fabricius

Diatraea continens Dyar

Diatraea crambidoides Holloway & Loftin

Diatraea incomparella Dyar & Heinrich

Diatraea obliteratella

Diatraea obliteratellus Zeller

Diatraea pedidocata Dyar

Diatraea saccharalis *va* *grenadensis* Dyar

Diatraea sacchari Walker

Diatraea sacchari *f.* *brasiliensis* Van Gorkum & De Waal

Phalaena saccharalis Fabricius

Sugarcane Moth Borer

Sugarcane Stalk Borer

2.5. Diagnostic Notes

INCURSION MANAGEMENT PLANS from BSES

Chilo incursion management plan
Diatraea incursion management plan
Eldana incursion management plan
Eoreuma loftini incursion management plan
Generic incursion management plan
Scirpophaga incursion management plan
Sesamia incursion management plan
Sugarcane Smut - A contingency plan for the Australian sugar industry

The adult is a yellowish or yellowish brown moth with a wing span that measures 18 to 28 mm in males and 27 to 39 mm in females. The forewing also bears numerous narrow brown lines extending the length of the wing. The hind wing of females is white, but in males it is darker.

http://creatures.ifas.ufl.edu/field/sugarcane_borer.htm

Larvae bore into the corn and sugarcane stalks, resulting in reduced yields. Adults are nocturnal.

2.6. References

Dekle GW. 1976. Illustrated key to caterpillars on corn. Florida Department of Agriculture and Consumer Services Division of Plant Industry Bulletin 4. 16 pp. Dyar HG, Heinrich C. 1927. The American moths of the genus *Diatraea* and allies. Proceedings of the U.S. Natural Museum 71:1-48. Long WH, Hensley SD. 1972. Insect pests of sugar cane. Annual Review of Entomology 17:149- 176. Roe RM. 1981. A bibliography of the sugarcane borer, *Diatraea saccharalis* (Fabricius), 1887- 1980. USDA, ARS. ARM-S 20. 101 pp.

2.7. Web Links

Life Cycle and Description: http://creatures.ifas.ufl.edu/field/sugarcane_borer.htm

3. Diagnostic Images



Dorsal View - Female: Rebecca Graham
Department of Agriculture Western Australia



Dorsal View - Male: Rebecca Graham
Department of Agriculture Western Australia



Head Dorsal View: Willow Warren
Department of Agriculture Western Australia



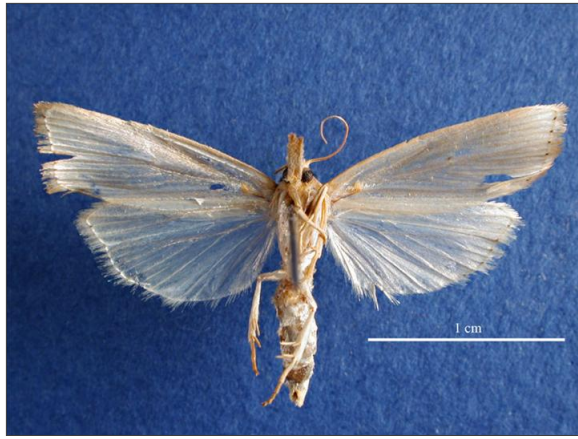
Head Front View: Willow Warren
Department of Agriculture Western Australia



Head Side View: Willow Warren
Department of Agriculture Western Australia



Head Side View: Willow Warren
Department of Agriculture Western Australia



Ventral View - Female: Rebecca Graham
Department of Agriculture Western Australia



Ventral View - Male: Rebecca Graham
Department of Agriculture Western Australia

Results Generated:

Thursday, April 2, 2020
