

## 槐小卷蛾成虫和卵发生动态

	1,	1,	2,	3,	4,5*
1.				257001	
2.				257000	
3.				257237	
4.				271018	
5.					271018

摘要:

9 5 28 30 7 22 24 8 26 28 5 6 7 8 8

关键词:

中图分类号: S763.43

文献标识码: A

文章编号: 1000-2324(2015)04-0537-03

## Occurrence Dynamic of Adult and Egg of *Cydia trasi* (Meyrick)

YANG Yu-wu<sup>1</sup>, LI Yong-fu<sup>1</sup>, ZHANG Qi-ming<sup>2</sup>, DONG Qiang<sup>3</sup>, ZHOU Cheng-gang<sup>4,5\*</sup>

1. Public Administration Department of Shengli Oil Field, Dongying 257001, China

2. Dongying Municipal Engineering Design Academy, Dongying 257000, China

3. Management Center of Xianhe Community of Shengli Oil Field, Dongying 257237, China

4. College of Plant Protection/Shandong Agricultural University, Tai'an 271018, China

5. Engineering Research Center of Forest Pest Management of Shandong Province, Tai'an 271018, China

**Abstract:** *Cydia trasi* (Meyrick) belongs to Lepidoptera, Tortricidae, and brings damage to *Sophora japonica* Linn., *S. japonica* var. *Pendula* Loud, *S. japonica* var. *oligophylla* Franch.. In this study, the methods of artificial feeding and field investigation were used to predict emergence period of *C. trasi* in Dongying Shandong Province. The results showed that rampaging periods of adult were late May to mid-June, mid-July to early August and late August to early September. Rampaging periods of egg were May 28 th to 30 th, July 22 th to 24 th and August 26 th to 28 th. It is very important to make clear emergence period of *C. trasi* for prevention and comprehensive control.

**Keywords:** *Cydia trasi*; adult; egg; dynamic

*Sophora japonica* L.

Papilionaceae

[1,2]

*Sophora japonica* var. *Pendula* Loud

*S. japonica* var. *oligophylla* Franch.

[3]

*Cydia trasi* (Meyrick)

[4]

Lepidoptera

Olethreutidae

[1,3,4] 1976

[5]

*Maackia amurensis* var.

*Buergeri*[6,7]

[8]

[9] 2

( )

[10,11] 2007~2008

100%

收稿日期: 2014-05-23

修回日期: 2014-06-11

作者简介: (1965-), , , ,

E-mail: yangyuwu.slyt@sinopec.com

\*通讯作者: Author for correspondence. E-mail: zcg1109@163.com

100%                      71.42%                      67.5%    2008  
 62.15%                      56.21%<sup>[12]</sup>

# 1 材料与方

## 1.1 材 料

1.1.1                      2007    11

1.1.2

3                      3 a

1.1.3                      E8 E10-12 OH I    E8 E10-12 Ac II    I II                      2:3                      2008

25 cm                      2  
 1 cm

## 1.2 监测方法

1.2.1                      1

2

10

20 d

3 d

1

30 m

2 d

1

1.2.2

1:1

3 a

2~3 cm

1.7 m

## 2 结果与分析

### 2.1 成虫发生动态

1

5

9

2

5

2008.5.16

9

5

6

7

3

8

8

9

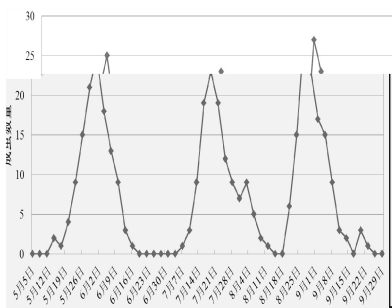


图1 人工饲养监测槐小卷蛾成虫消长规律  
 Fig.1 Artificial feeding monitoring *Cydia trassias* adult dynamics

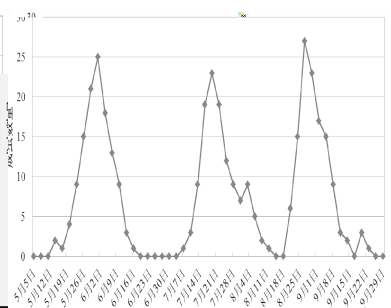


图2 性信息素监测槐小卷蛾成虫消长规律  
 Fig.2 The sex pheromone monitoring *Cydia trassias* adult dynamics

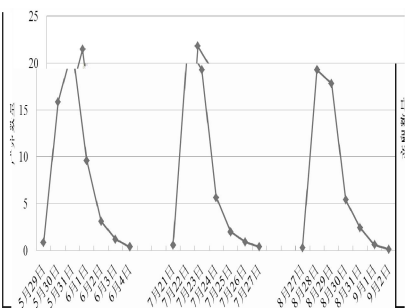


图3 人工饲养监测槐小卷蛾卵发生规律  
 Fig.3 Artificial breeding monitoring *Cydia trassias* eggs dynamics

### 2.2 卵发生动态

5 30 6 1 7 22 7 24 8 28 8 30

### 3 结论与讨论

1 3 [12]  
7 d

20 8 26 8 27 5 31 6 1 7 19 7  
4~5 d  
6 7 9

### 4 防治技术

#### 4.1 人工物理防治

80 2  
1 2

#### 4.2 化学防治

20 2000 1.8% 1000~2000 35% 1000~2000  
3~5 70 6000 50%  
3~5 cm

#### 4.3 生物防治

*Bracon chinensis* Sze-pligeti *Itopectis naranyae* (Ashmead)  
*Macrocentrus linearis* (Nees) *Phanerotoma planifrons* (Nees)  
*Trichogramma confusum* Viggiani *Tricho-gramma dendrolimi* Matsumura

#### 4.4 其他防治措施

### 参考文献

[1] , . [J]. ,1992(3):8-10

[2] , . [J]. ,1992(S1):15-17

[3] , , , . [J]. ,1983(4):57-61

[4] , , , . [J]. ,2001,21(10):1583-1587

[5] , , , . [J]. ,2009(18):168-172

[6] , , , . [J]. ,2008(3):25

[7] , , , . [J]. ,2009,37(18):8518-8522

[8] , . [J]. ,2008(22):111-113

[9] , , , . [J]. ,2000(2):30-30

[10] , , . [J]. ,2001,27(1):5-7

[11] . [J]. ,2008(1):92

[12] , , , . [J]. ,2010,47(3):486-490