



## Green Our Planet's School Garden Curriculum

### Title: **Pest Patrol**

**Topic:** How Do We Control Pests?

**Link:** <https://www.youtube.com/watch?v=oJUqn-VRA04>

**Grade Level:** 5

**Standards:** 5-ESS3-1 (at 0:44)

**Objectives:** (at 1:13)

- Identify plant damage by pests and the need for pest control
- Identify the pros and cons of pesticide application
- Investigate alternatives to pesticides
- Use facts and evidence to present a persuasive stance on pest control methods

**Segments:**

- Teacher segment: 0:12 - 1:05
- Student segment: 1:06 - 9:19
- Quiz 9:20 - 11:00

#### Concepts and/or Topics Covered & Vocabulary Notes:

- What is a pest?
- Pesticides, good or bad
- Other options than pesticides
- Side effects of pesticides
- Vocabulary section at end (10:59)
 

<i>Pest</i>	<i>Pest Control</i>	<i>Hypothesis</i>
<i>Pesticides</i>	<i>Alternative</i>	
- Possible additional vocabulary
 

*Insecticidal soap*

#### Methodology:

- Nice visuals / photography
- Question (2:50) Do plants in a garden need protection? If so, how can we protect them?
- Discussion with partner (7:04) Do you think you can control pests without pesticides? If so, how?
- Quiz at end includes open-ended, multiple choice, and true/false questions

#### Possible Supplemental/Follow-up Activities:

- If you were a farmer with a large farm and pests showed up one day, what methods would you use to control them?