

# KIDS for the BAY

A Project of Earth Island Institute

1771 Alcatraz Avenue, Berkeley, CA 94703

Tel: (510) 985-1602 | Fax: (510)-547-4259

[www.kidsforthebay.org](http://www.kidsforthebay.org)

Mandi Billinge, Executive Director/Founder

## Everyone is an Environmentalist!

### Natural Pesticides: Jalapeño Pepper Spray!

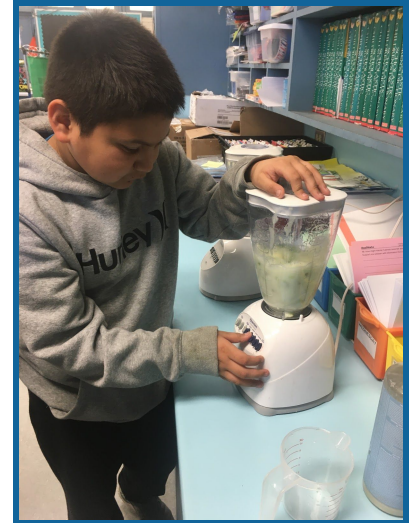
#### Activity Summary

Make safe, natural, eco-friendly pesticides at home to get rid of pests in your garden!

#### Directions

**\*\*Note:** Please be EXTREMELY careful while handling jalapeños. Do NOT touch your face after touching the jalapeños. After handling jalapeños, please wash your hands immediately with soap.

1. Seed and chop up jalapeños and add to bowl
2. Chop up garlic and add to bowl
3. Add chopped jalapeños and garlic from the bowl into the blender
4. Pour 6 cups of water into the blender
5. Add 3 drops of biodegradable soap to the blender
6. Blend ingredients until smooth
7. Strain contents of blender through cheesecloth or mesh strainer into bowl
8. Transfer strained solution into a spray bottle or a sealed container to save for future use!



#### Location

In your very own kitchen or on a large table! Must have an outlet nearby for the blender.

#### Supplies

- ½ cup jalapeños
- 4 cloves of garlic
- 6 cups of water
- Biodegradable liquid soap
- Cheesecloth OR mesh strainer
- Blender, mixing bowl, cutting board, and knife (butterknife works)!

#### Additional resources and related activities

- <https://organicgrowersschool.org/ask-ruth-hot-pepper-spray/>
- <https://homeguides.sfgate.com/organic-pepper-spray-insects-78401.html>
- [https://www.researchgate.net/publication/286042190\\_Effects\\_of\\_Pesticides\\_on\\_Environment](https://www.researchgate.net/publication/286042190_Effects_of_Pesticides_on_Environment)

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