

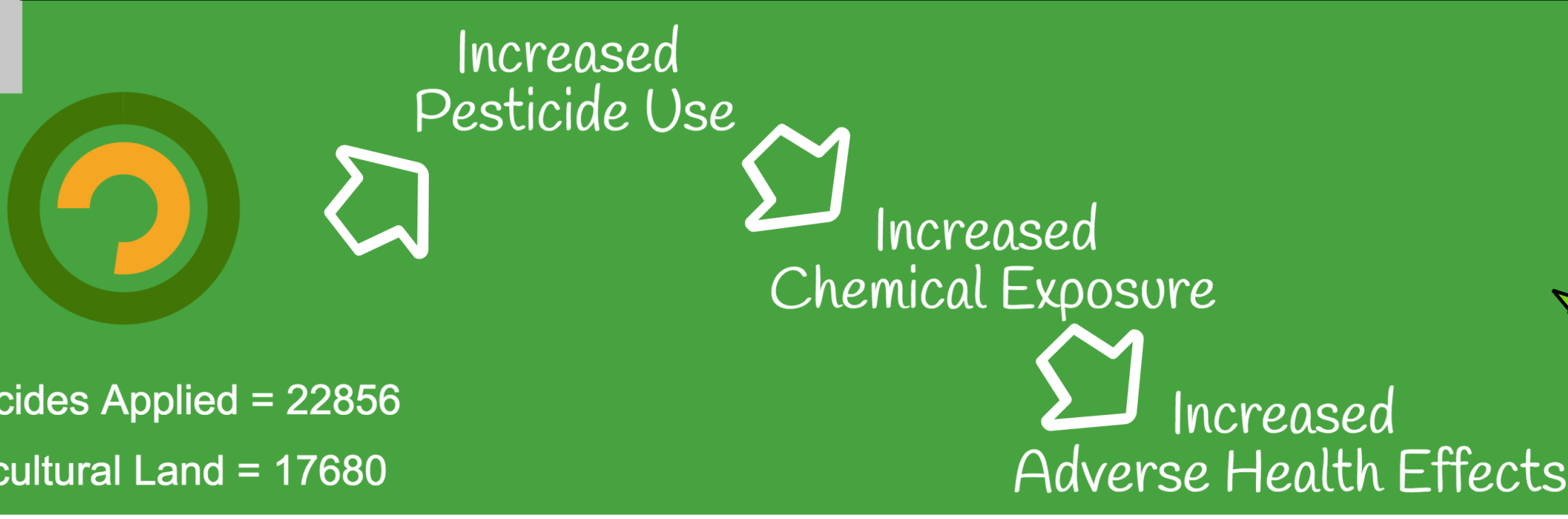
Agroecological Solutions for Pest Management



The Issue:

Pesticide Application in the Punjab Province from 2012–2013 in Thousand Spray Hectares¹

■ Pesticides Applied = 22856
■ Agricultural Land = 17680



Promoting the health & wellbeing of Punjabi Farmers



Improving the quality of foods consumed by Punjabi communities



Protecting the environment

Why Reduce the Use of Synthetic Pesticides ?

How We Approached the Issue:

We conducted a literature review, using various search engines, of academic and community-based data for determining our prescribed pest management practices to Punjabi communities.




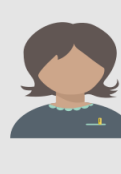
Keywords used: "Punjab Pakistan" + "Integrated Pest Management" + "Wheat"

Our Results:



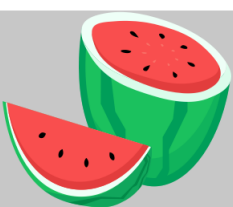
Management Practices for Karnal Bunt in Wheat Crops

Assessment Criteria

	 Better for Human Health	 Sustainable	 Accessible	 Culturally Appropriate
Heirloom Crops	✓	✓	✓	✓
Cover Crops	✓	✓	✗	✓
Increase Drainage	✓	✓	✗	✓
Plant Breeding	✓	✓	✗	✗
Cull & Burn	✗	✗	✓	✓



Food For Thought



Global pesticide use² = 5.6 billion lb/yr



HELP US
+
LET'S
PROMOTE

Health & Wellbeing



+

Sustainability



+

Cultural Knowledge



To change the world TOGETHER!



Visit our blog for more information: <http://blogs.ubc.ca/lfs350lets/>

1. Bureau of Statistics, Government of Punjab. (2015). Punjab Development Statistics. Retrieved from: <http://bos.gop.pk/system/files/Dev-2015.pdf>
2. Alavanja, C.R.M., 2009. Pesticides Use and Exposure Extensive Worldwide. Retrieved from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2946087/>

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