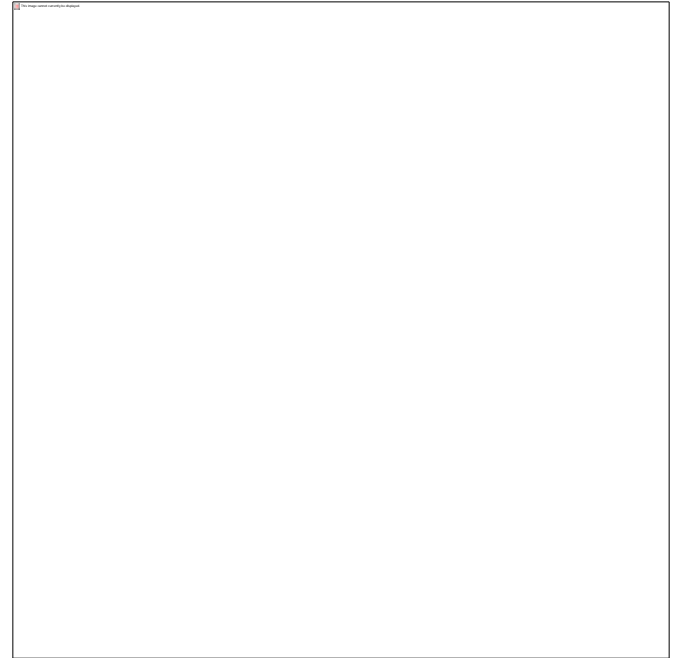




- I. Background
- II. Research Goals and Research Objectives
- III. Research Methods
- IV. Key Research Results
- V. Discussion
- VI. Recommendation
- VII. Conclusion



- **Small community gardening plot**
- **Main Mall and Agronomy Road**
- **SEEDS project**
  - **feasibility of community gardens in high traffic area of campus.**





The main purpose of this project is to work with **Agromony Garden** to develop an **expansion plan** that **enhances the garden's role in the UBC food system.**

# Background Information

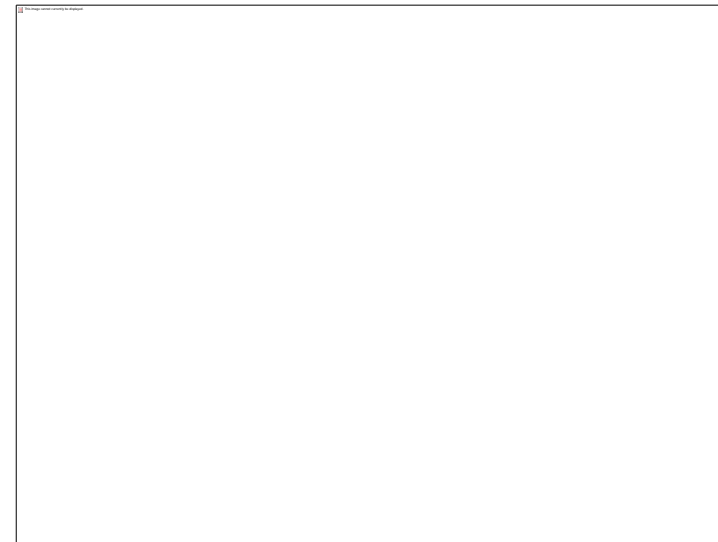
Develop a functional expansion plan that will stay within the proposed budget and adhere to rules and regulations





# The Expansion Plan

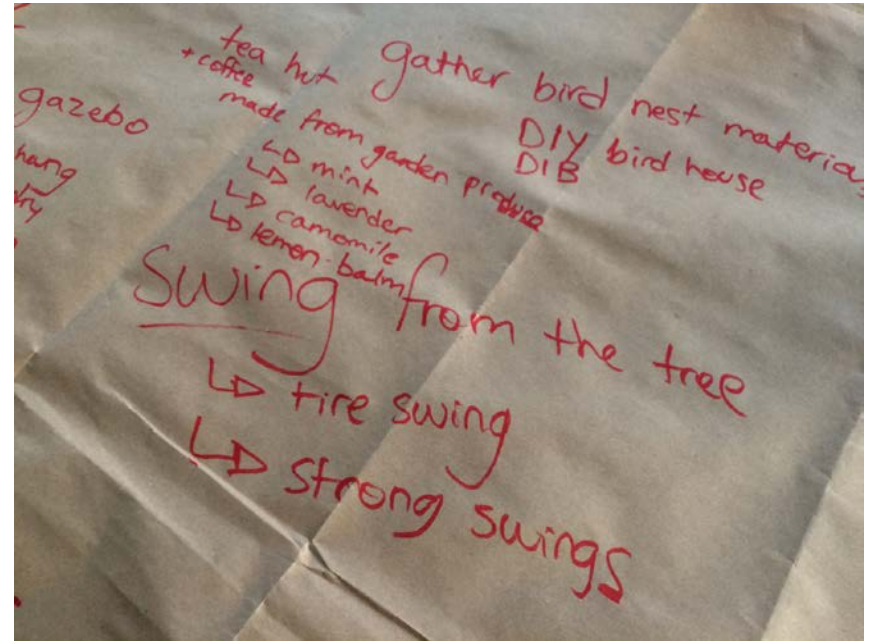
1. Develop an expansion plan to enhance garden's role in food system
  - a. Layout
  - b. Materials
  - c. Harvest
  - d. Distribution
  - e. Waste Management
  - f. Budget
2. Permit



Agronomy Garden  
[@agronomygarden]. *Instagram*

# Research Objectives

- I. How to expansion
- II. Type of plants
- III. Audience
- IV. What the stakeholders think the Agronomy Garden needs





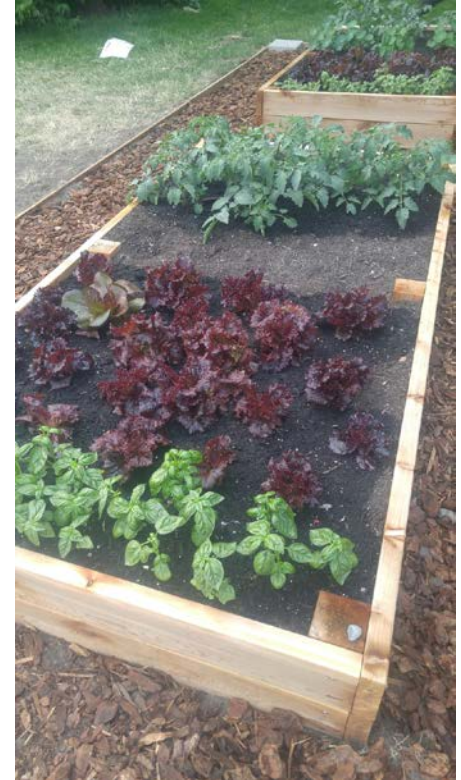
## Research for application permit and proposal

### I. Literature Review

- A. SEEDS projects
- B. Public Realm Plan
- C. UBC Summons

### II. Literature/ Peer Review

- A. Keywords: Community garden, university food system, waste management





- I. Electronic Survey: Qualtrics Software
  - II. Demographic users and interests of the Agronomy garden
- 
- I. Sample size: 81 people
  - II. Goal: 100 people
- 
- I. Distribution methods:
    - A. UBC Facebook pages “UBC Class of 2020” etc.
    - B. UBC Land and Food Systems Facebook page
    - C. LFS Graduate emails
    - D. Community resident managers emails

### Agronomy Garden Expansion Survey

English ▼

The purpose of this survey is to determine interest in the expansion of the Agronomy Garden at UBC. Your answers will be used to decide on how the garden will be expanded and if the expansion would be embraced and supported by the community. Please be assured that your responses will be kept completely confidential.

The survey should take less than 5 minutes to complete, and you will receive a chance to enter to win a \$50 UBC Bookstore gift card for your participation.

By filling out this survey, you are providing voluntary informed consent to participate in this survey and that you are aware that you may choose to terminate your participation in the study at any time and for any reason.

If you have any questions or concerns, please contact:  
Belle Wilaingam: belle.wilai@gmail.com

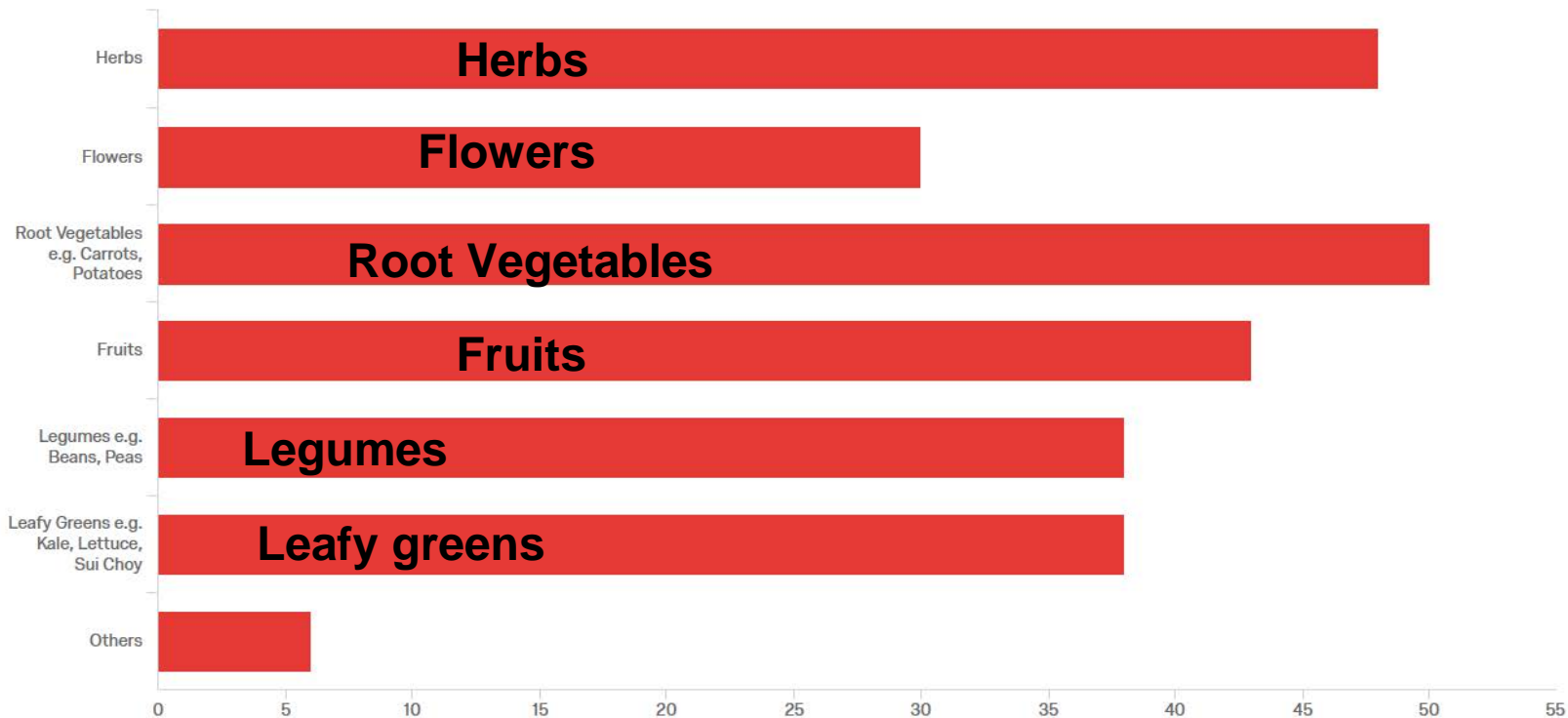
Please note that this survey will be best displayed on a laptop or desktop computer. Some features may be less compatible for use on a mobile device.

I understand the terms and conditions of the survey and that

I consent, begin the survey

I do not consent, I do not wish to participate





- I. Semi-structured Interview with stakeholders
- II. Obtain qualitative data
  - A. Open discussion
  - B. 4 people -> 80% of committee



### **Keys to Success:**

- I. Passionate and Engaged Members
- II. Regular Use and Maintenance  
(attracts more members)
- III. Visibility and Welcoming atmosphere

### **Major Challenges:**

- I. Engaging with students during the school year.
- II. Ensuring succession of important roles and tasks
- III. Assigning responsibility to new members

### **Production and Functionality:**

- I. Trellises (vertical garden component)
- II. More shared garden beds
- III. More compost bins

### **Atmosphere:**

- I. Welcoming/ Inviting Space
- II. Pergola (or shaded area)
- III. Light fixture (lamp/ lanterns)

### **Student Engagement:**

- I. Path through the garden
- II. Social Media/ Website
- III. Signage (permanent and temporary)
- IV. Outreach and Programming



- I. Wider sample groups
  - A. Have more people outside of LFS
- II. Garden Layout
  - A. Seating
  - B. Shared Plots
- III. Stable organization
- IV. Maintaining collaboration with other community gardens





## Purchases for Expansion

- Lumber (cedar)
- Lattices
- Hardware
- Signage (i.e. chalkboard)
- Rakes and Trowels
- Fertilizers
- Cover crop seeds

## Production

*Climate Suitable and Easy to Grow*

- Carrots
- Kale
- Baby Spinach
- Herbs (Basil, Thyme, etc)
- Peas
- Cucumbers
- Summer Squash
- Garlic (Over Winter)
- Beets and Radishes

## Harvest and Distribution

- Harvested by Garden Volunteers
- “Sharing Garden” Open to Public Harvesting
- Food Distributed to Volunteers
- Excess Food Donated or Gifted

## Waste

- New Compost Bin
- Built next to Annex Building
- Captures Heat and speeds Decomposition
- Must be Turned Occasionally
- Can be Spread on Garden

- Literature Review
- Survey
  - More seating
  - Shared Plots
- Interview
  - Student engagement
  - Compost bins
  - Welcoming Atmosphere
- Recommendations



Website:

<https://blogs.ubc.ca/agronomygarden/>

