

# VICTORY GARDEN

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JUNE 14, 2019

## 2 WHAT IS A VICTORY GARDEN?

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- During World War I & II food was rationed. Labor and transportation shortages made it hard to harvest and move produce to markets. <sup>1</sup>
- Victory Gardens were gardens planted both at private residences and on public land during World War I and World War II to reduce the pressure on the public food supply. <sup>2</sup>
- The gardeners could feel empowered by their contribution of labor and rewarded by the produce grown. <sup>2</sup>

1. Reference: Living History Farms [https://livinghistoryfarm.org/farminginthe40s/crops\\_02.html](https://livinghistoryfarm.org/farminginthe40s/crops_02.html)

2. Reference: <http://www.futurefarmers.com/victorygardens/history.html>

### 3 WHAT IS A VICTORY GARDEN?

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- Government encouraged people to plant "Victory Gardens" to provide their own fruits and vegetables.<sup>1</sup>
- Nearly 20 million Americans planted gardens in yards, empty lots and city rooftops. Neighbors pooled resources, planted a variety of foods and formed cooperatives. All in the name of patriotism.<sup>1</sup>
- Farmers had been planting gardens and preserving produce for generations. Their urban cousins jumped on the band wagon.<sup>1</sup>

1. Reference: Living History Farms [https://livinghistoryfarm.org/farminginthe40s/crops\\_02.html](https://livinghistoryfarm.org/farminginthe40s/crops_02.html)

### 4 HOW THE PROJECT STARTED

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- Dr. Hagan received an email for a sustainability grant to fund UND researchers. Learned about a program that was a collaboration between the University of Washington and the Washington State Department of Corrections that centered around gardening, sustainability, food waste and composting.
- Dr. Hagan presented the idea to Colby Braun. Colby encouraged the idea and engaged Deputy Warden Troy Schultz to lead the project.
- Dr. Hagan approached Alison Traynor and Mandy Slag (UND Master of Public Health students) to write the grant and coordinate the project.

## 5 WHAT IS RESTORATIVE JUSTICE?

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- A system of criminal justice that focuses on the rehabilitation of offenders through reconciliation with victims and communities at large.<sup>3</sup>
- Repairs the harm caused by crime.<sup>3</sup>
- Brings offenders and community members together to create a positive outcome.<sup>3</sup>

3. Reference: <http://restorativejustice.org/#sthash.8CSYCzwc.dpbs>

## 6 COLLABORATIONS AND CONTRIBUTORS

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- State Penitentiary staff and residents--Dr. Hagan, Troy Schultz, Shaun Fode, Jerry Wright, Joe Charvat, Donny Gleich, Michelle Linster, Tom Petrik, Tim Klose and Chris Vernon
- MRCC—Joey Joyce
- ND Department of Agriculture USDA-NRCS--Jamie Good, Jay Fuhrer, Wade Bott, Susan Samson-Leibig, Mary Podoll
- Ministry on the Margins—Sr. Kathleen Atkinson and Zanne
- UND Masters of Public Health Students--Alison Traynor and Mandy Slag

## 7 FUNDING IDEAS

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- Searched and found a few appropriate grant options to fund the project.
- Wrote a grant to the Consensus Council.
- Received grant funds from the Consensus Council in partnership with the Bush Foundation.
- Back-up idea:
  - Ask for donations from businesses to contribute to the project such as Walmart, local nurseries or Blue Cross Blue Shield
  - Sr. Kathleen offered to host the funds due to Ministry on the Margins 501c3 non-profit status

## 8 CONSENSUS COUNCIL

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- Founded in 1990.
- Non-profit organization brings viewpoints together to seek common ground.
- The Consensus Council in partnership with the Bush Foundation offers “Community Innovation” grants to non-profit and government agencies who are using problem-solving processes to lead more effective equitable and sustainable solutions.

## 9 TYPES OF PRODUCE PLANTED

- \* Radishes
- \* Beets
- \* Buttercup squash
- \* Beets
- \* Cucumbers
- \* Butternut squash
- \* Turnips
- \* Tomatoes
- \* Cantaloupe
- \* Peas
- \* Cabbage
- \* Beans
- \* Kohlrabi
- \* Carrots
- \* Onions
- \* Peppers
- \* Watermelon

## 10 CROP MAP

- Tim developed a crop map



## 11 HARVEST SCHEDULE

See and August in the morning of each week in 20 hours after an can. Required amount will be filed over period days and may be more or less. The amount on later this table. Cabbage and potato are number of 100.

|           |    |        |             |               |                |
|-----------|----|--------|-------------|---------------|----------------|
| July      | 7  | 1 Bush |             |               |                |
| Monday    |    |        |             |               |                |
| July      | 14 | 4 Bush |             |               | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| July      | 21 | 4 Bush |             |               | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| July      | 28 | 4 Bush |             |               | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| August    | 4  | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| August    | 11 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| August    | 18 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| August    | 25 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| September | 1  | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| September | 8  | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| September | 15 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| September | 22 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| September | 29 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| October   | 6  | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| October   | 13 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| October   | 20 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| October   | 27 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| November  | 3  | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| November  | 10 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| November  | 17 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| November  | 24 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |
| November  | 31 | 1 Bush | 1 Bushberry | 1 Bell Pepper | 1000 Bushberry |
| Monday    |    |        |             |               |                |

## 12 MEDIA EVENTS

- Press release to kick off the Victory Garden
- Media event on June 5, 2018
  - KX and KFVR TV stations
  - Bismarck Tribune
- Media event on August 27, 2018
  - KX TV stations
  - Bismarck Tribune

## 13 SOCIAL MEDIA

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- Facebook
  - June 5 —484 people reached
  - Likes, shares, comments--39
  - Post clicks—18
  - June 6 (post 1)—222 people reached
  - Likes, shares, reactions—11
  - Post clicks-23
  - June 6 (post 2)—101 people reached
  - Likes, shares, comments—3
  - Post clicks--8

## 14 SOCIAL MEDIA CONTINUED

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- Facebook
  - July 11—1,301 people reached
  - Reactions, shares, comments—117
  - Post clicks—112
  - July 21—313 people reached
  - Reactions, shares, comments—21
  - Post clicks—19
  - August 13—831 people reached
  - Reactions, shares, comments—70
  - Post clicks--60

## 15 MINISTRY ON THE MARGINS

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## 16 SOCIAL MEDIA CONTINUED

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- Facebook
  - August 16—671 people reached
  - Reactions, shares, comments—53
  - Post clicks—52
  - August 28—343 people reached—Tribune story
  - Reactions, shares, comments—18
  - Post clicks—14
  - August 28—2418 people reached—KX story
  - Reactions, shares, comments—76
  - Post clicks--138



## 17 HEAVEN'S HELPERS SOUP CAFE

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## 18 SOCIAL MEDIA CONTINUED

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- Facebook
  - August 28—251 people reached
  - Reactions, shares, comments—5
  - Post clicks—6
  - August 31—841 people reached
  - Reactions, shares, comments—89
  - Post clicks—107

## 19 SALVATION ARMY

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## 20 OTHER MEDIA OUTLETS AND FORMS OF PROMOTION

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- Featured in the Penitentiary newsletter
- Presented an overview of the project at the Hunger Free ND meeting
- Wrote an article for NDPHA newsletter
- Received written letter for the good work on the project from a lady in Western MN

## 21 TOTAL AMOUNT OF FOOD AND WHERE IT WAS DISTRIBUTED

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- Over 800 pounds of produce donated.
- Distributed to:
  - Bismarck Food Pantry
  - Heaven's Helpers Soup Cafe
  - Ministry on the Margins
  - Ruth Meiers Hospitality House
  - Welcome House

## 22 SUCCESSES

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- Tim (lead resident) provided input for the grant, excited about the project, had prior gardening skills and was interested to learn about different suggestions from USDA and NRCS. Got Chris excited about the project. Made a map of the crops.
- Grant from the Bush Foundation/Consensus Council
- Received valuable input and resources from the USDA and NRCS
  - Gave suggestions about drip tape, cover crop, rotating the crops in the garden, etc.
  - Tested the soil pH, elements and fertility analysis.
  - Attended meetings, provided input and helped distribute Victory Garden produce.

## 23 SUCCESSES CONTINUED

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- Ministry on the Margins
  - Sr. Kathleen attended meetings, provided input, helped pick up produce from the Victory Garden with Zanne and distributed it.
- Positive resident feedback:
  - Tim wants to double garden's size and add 3 more inmates, doubling the crew to 6.
  - Tim: "Planning for an even bigger Harvest next year." Enjoys growing things with his hands and
  - Chris: "Excited that he had the opportunity to learn about gardening. Plans to garden with his wife when he is released."
  - Chris: "Excited to give back to the community and help those in need."

## 24 LESSONS LEARNED

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- New project hard to predict all variables.
- Once harvested produce needed to be distributed quickly.
- Should have a rotation of people/volunteers to pick up and deliver the produce.

## 25 RECOMMENDATIONS

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- Try to have a set day (or two) each week that the produce will be harvested.
  - Mondays and Thursdays
  - If there are specific days that the produce is harvested then volunteers can automatically pick up and distribute.
- Have area food banks, churches etc. rotate to receive the produce each week.
- Have volunteers to distribute the produce to local places.
  - Sr. Kathleen offered to help distribute the produce to local food banks
  - Does the Penitentiary have volunteers that would be willing to help distribute?

## 26 RECOMMENDATION CONTINUED

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- Continue the crop map.
- Continue with the plan for crop rotation.
- Continue with the harvest schedule.
- Try to find a cool place to store produce to have it stay fresh longer.
  - Explored a cool bot as an option to keep produce fresh longer. Not an option due to type of windows.

## 27 OUTCOMES

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- Built relationships
- Helped vulnerable populations
- Garden written into the budget for next year and continue project
- Plans for a garden to be planted at MRCC

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## Questions

## 30 REFERENCES

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