

# PLANTING SEEDS

## Growing Collaboration



# BUILDING BRIDGES

**With Community Partners**



# Community Partners



UNIVERSITY OF MINNESOTA  
**EXTENSION**  
Driven to Discover<sup>SM</sup>



Duluth Public Library



PLANTING  
THE SEEDS

## Planting the Seeds

- Community member approached us with a detailed proposal
- Staff committee formed
- Committee members reached out to community partners (ISF, DGCP, Master Gardeners)
- Chose tomatoes, peppers, beans and peas
- Duluth's "One Vegetable, One Community" project chose beans as the vegetable of the year to tie in with seed library
- Held news conference in October to announce project

# Committee Members

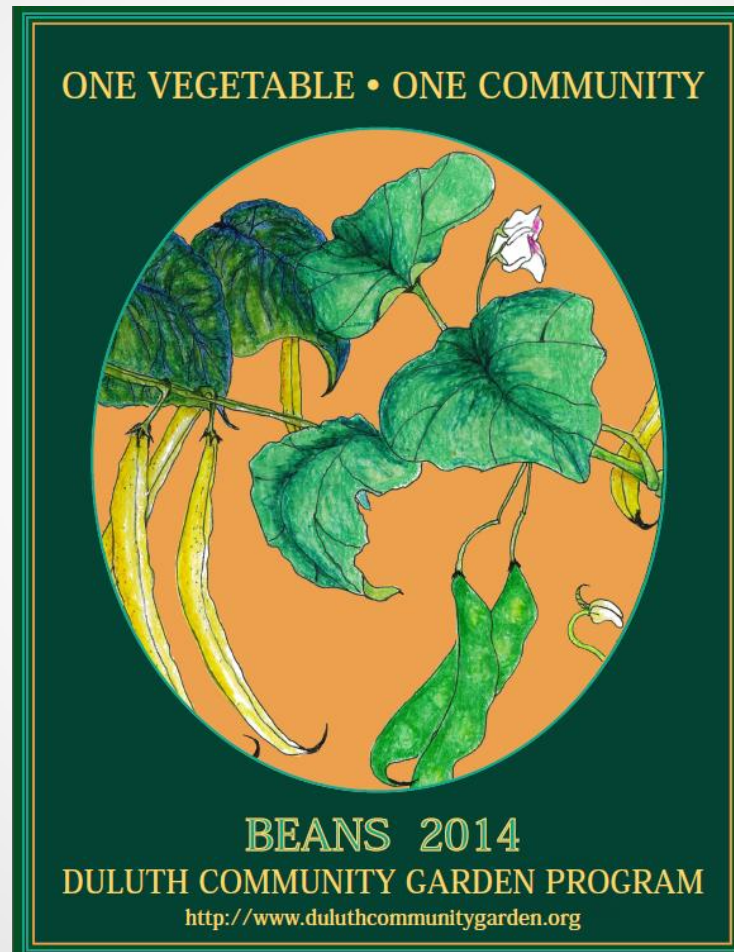




# Vegetable Choices



# One Vegetable, One Community





# News Conference



# FERTILE GROUND



# Fertile Ground

- Contacted seed companies to request donations
- Found volunteer to handle membership forms
- Lined up volunteer groups to pack seeds
- Developed inventory sheet
- Ran out of seeds! Had to get more ordered and packed quickly
- Applied for grant from Regional Sustainable Development Partnerships organization at U of M
- Held grand opening on February 22

# Online Resources

- The Seed Library Social Network –  
[www.SeedLibraries.org](http://www.SeedLibraries.org)
- Richmond Grows Seed Lending Library –  
[www.RichmondGrowsSeeds.org](http://www.RichmondGrowsSeeds.org)
- Webinar – How to Start a Seed Library -  
<http://www.newdream.org/resources/webinars/seed-library>
- Duluth Seed Library Website –  
[www.DuluthSeedLibrary.org](http://www.DuluthSeedLibrary.org)



# At the Seed Library







# Twine Cutting





# Grand Opening Event



# GROWING & BLOSSOMING





## **Growing and Blossoming**

- Educational Programs(Seed Saving 101, “It’s Alive,” Master Gardener brownbags)
- Hands on workshops (DIY Seed Saving Screens)
- Contracted with local grower to start tomato and pepper plants for giveaway
- Number of members(220+), number of seed packets (approx. 800) and plants(480) given out to date
- Planning for how seeds will be returned in the fall
- Thinking about expanding to more types of seed



# Free Education



# Free Workshops



# Transplant Giveaway





# CROSS POLLINATION



## Cross Pollination

- 3 tiered approach: having a presence in the community, publicity pieces, then social media.
- Passive publicity projects: we worked with the City Park Maintenance Department to have edibles planted in flower gardens near the library
- Outreach projects: DCGP Spring Fling, Community Health Fair at UMD, Vendana Shiva presentation
- Cross promotion of Duluth Seed Library and Duluth Community Garden Program on the web and in newsletters



# Event Promotions





**Jamie Harvie**

April 8

Vandana loves seed saving and the Duluth seed library!

Share

31 people like this.

1 share



**Sharad Kohli** Awesome!

April 8 at 10:30pm



**Stacy Malkan** so jealous!

April 8 at 11:03pm



**Michelle Gottlieb** Jamie- what an awesome sheroe!!!! Can't wait to hear about it. I wrote my college senior project on ecofeminism and she was featured. Xxxooo

April 9 at 6:16am



**Lena Brook** Amazingly lucky to hang with Ms. Shiva. Tell us more!

April 9 at 1:55pm

# Publicity

## Spring Events



### Library Events

Saturday, March 8 from noon to 1:00 pm  
"It's Alive!"

UMD Geography Professor Pat Farrell will discuss the living nature of soil, and how healthy soil can have a positive impact on your plants.

Saturday, March 29 from noon to 2:00 pm—Seed Saving with Children: A workshop for parents, teachers, and mentors

Bonnie Ambrosi will teach the basics of seed-saving, plus ideas for including children of any age in the process.

These 30-minute "brown-bag" lunch sessions are presented by the University of Minnesota Extension Master Gardener program. They will be in the Main Library Gold Room at 12:15 pm.

Thursday, March 20 at 12:15 pm—Deer-Proofing Your Garden

Thursday, March 27 at 12:15 pm—Create and Grow a Bee-Friendly Pollinator Garden

Thursday, April 3 at 12:15 pm—Herbs to Spice Up Your Garden



The Duluth Seed Library is made possible by financial support received from the University of Minnesota's Regional Sustainable Development Partnership.



### Community Events

Thursday, Feb 27 at 6 pm - Gardening 101: Seed Starting Basics

Duluth Community Garden Program educator Katie Hanson will teach you how to start your seeds indoors this spring. Class held at Lincoln Park Middle School in the FACS classroom. Visit [duluthcommunityeducation.org](http://duluthcommunityeducation.org) or call 722-4583 to register. Class fee is \$15.

Thursday, Mar 27 at 6 pm - Gardening 101: Planning Your Productive Garden

DCCP educator Katie Hanson will talk about strategies for a productive and successful garden. Class held at Lincoln Park Middle School in the FACS classroom. Visit [duluthcommunityeducation.org](http://duluthcommunityeducation.org) or call 722-4583 to register. Class fee is \$15.

Free for Lincoln Park residents, or for scholarship assistance please call the DCCP office at 218-722-4583.

In Partnership:



Duluth Public Library

UNIVERSITY OF MINNESOTA  
**EXTENSION**  
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[www.DuluthSeedLibrary.org](http://www.DuluthSeedLibrary.org)



Free 2014 Bean Seeds Are Available At:  
All Duluth Public Library Locations  
DCCP Office  
Duluth Grill  
Whole Foods Co-op



### How to Become a Seed Library Member

The Duluth Seed Library is located on the top floor of the Main Library in downtown. Simply fill out a membership form, and choose up to 4 packets of seeds to take home. Grow them in your garden this summer, and return seeds harvested from your healthy adult plants!

### Goals of the Duluth Seed Library

1. Instill the important principle of public ownership of seed and plant materials
2. Provide a public source of seeds for all citizens of Duluth so they may grow their own healthy food
3. Increase knowledge of gardening and home horticulture
4. Increase consumption of fresh fruits and vegetables
5. Enhance the social capital of Duluth by engaging community members in a positive activity
6. Contribute to developing a regionally-adapted seed stock



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### Community Partners:



Duluth Public Library



UNIVERSITY OF MINNESOTA  
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# Publicity

## PRACTICAL Seed Saving



Presented by University of Minnesota Professor Tom Michaels, and Hannah Swegarden, a Master of Science candidate at the University of Minnesota.



Discover why the plants that are available through the Duluth Seed Library are better choices for beginning seed savers than other crops, such as mustard greens, carrots, spinach and sweet corn.

Hear about seed selection, cleaning, drying, and storage techniques that will maintain seed integrity and viability for many growing seasons. Aspiring plant breeders may also get ideas for how to start developing their own unique cultivars!

THURSDAY, SEPTEMBER 25  
6:00 PM  
MAIN LIBRARY GREEN ROOM

This program is made possible by:



Partners:



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EXTENSION



## SAVING & Sharing Seeds



Presented by Grant Olson,  
Public Programs Manager of  
Seed Savers Exchange



MONDAY, OCTOBER 6  
5:30 TO 7:30 PM  
MAIN LIBRARY GOLD ROOM

In the days before seed catalogs, harvesting seeds was essential. Today, saving and sharing seeds plays a critical role in preserving rare, heirloom varieties.

Join Seed Savers Exchange to discuss the process of saving seeds and find out how to participate in this backyard preservation.



This program is made possible by:



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One Vegetable, One Community

One Vegetable, One Comm...
Timeline Recent
Liked
Create Page
Recent
2013
2012
2011

at the event, new gardeners will receive orientation information for their garden plots. Seeds will be available for purchase. Refreshments will be...

Like Comment Share

**One Vegetable, One Community**  
March 16

Have you gotten your beans from the lending library at the Duluth Public Library? We got ours yesterday! Just check out a packet, plant the seeds this summer, harvest a couple of handfuls of seeds in the fall and bring them back! Not all seeds are easy to save, but BEANS are! Let's make sure that every chain link fence has bean vines on it this summer!

Unlike Comment Share 38 5 13

**ONE VEGETABLE • ONE COMMUNITY**

**BEANS 2014**  
DULUTH COMMUNITY GARDEN PROGRAM  
<http://www.duluthcommunitygarden.org>

Like Comment Share 31 5 1



# Circle Gardens







# Signage for Local Gardens



## Duluth Seed Library Participating Garden

Plants included in this garden are grown from shared seed from the Duluth Seed Library. Seeds harvested from these plants will be returned to the Seed Library to help ensure the future of an open-pollinated, non-hybrid, locally adapted and shared seed stock.

You too can have access to this shared seed stock. Find out more at [www.duluthseedlibrary.org](http://www.duluthseedlibrary.org)





# BEARING FRUIT





## Bearing Fruit

- Project has tapped into sustainability/local food movement in the community
- Working together has strengthened the resources of all of the partner organizations; none of us could have done this alone
- Seed library has expanded the public's perception of what the library can offer
- Seed library is housed at DPL but does not belong to the library; it belongs to the community

# Raising Awareness



**DuluthPublicLibrary** @duluthlib · May 28

The tomato and pepper transplants have arrived! Seed library members, pick yours up tomorrow between 4 and 7 PM. [pic.twitter.com/6itnTo9iXs](http://pic.twitter.com/6itnTo9iXs)

View photo

Reply Delete Favorited ... More



**sarahksawyer** @sarahksawyer · Jun 2

@duluthlib you have a seed library?

from Duluth, MN

Hide conversation

Reply Retweet Favorite ... More

7:39 PM - 2 Jun 2014 · Details

Reply to @sarahksawyer



**DuluthPublicLibrary** @duluthlib · Jun 2

@sarahksawyer Yes, we do! We have plenty of pea seeds left too!  
[duluthseedlibrary.org](http://duluthseedlibrary.org)

Expand

Reply Delete Favorite ... More



**sarahksawyer** @sarahksawyer · Jun 2

@duluthlib I've got a window garden. Peas might just work !

Expand

Reply Retweet Favorited ... More

# HARVESTING KNOWLEDGE



# Harvesting Knowledge

- This project has educated our community about seed saving and it's importance
- Staff members have learned a lot about seed saving, program implementation, and seed laws



# A CHILL IN THE AIR






# Sharing Seeds



# Minnesota Seed Laws

 <p>MINNESOTA DEPARTMENT OF AGRICULTURE FROM THE FARM TO YOUR FAMILY</p> <p>PLANT PROTECTION DIVISION • 625 ROBERT STREET NORTH • SAINT PAUL, MINNESOTA 55155-2538 TELEPHONE: 651-201-6309 • FACSIMILE: 651-201-6108</p>		<p>Office Use Only ( ) Action Initiated ( ) Action Completed ( ) File</p>	
<p><b>GENERAL SEED INSPECTION</b> Entry and Inspection by authority of M. S. 18J.04</p>		<p>Inspection Number:</p>	
<p>Firm Name: <u>Duluth Public Library</u></p>		<p>Telephone Number: <u>218 735-4200</u></p>	
<p>Firm Address: <u>580 West Superior St</u></p>		<p>County: <u>St Louis</u></p>	
<p>Firm City, State and Zip Code: <u>Duluth MN 55804</u></p>		<p>Kind of seed offered for sale:  <input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> Flower <input type="checkbox"/> Lawn and turf  <input checked="" type="checkbox"/> Vegetable <input type="checkbox"/> Wildflower <input type="checkbox"/> Tree and shrub <input type="checkbox"/> Other         </p>	
<p><b>General Inspection Checklist</b> (Please check all that apply) <span style="float: right;">Yes No</span></p>			
<p>1. Firm needs a copy of Minnesota Seed Law..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>2. Firm needs seed permit application..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>3. Seed sample displays are completely labeled..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>4. Retail bulk seed bins are completely labeled..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>5. Retail seed containers are completely labeled..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>6. Firm repackages seed for sale under their own label..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>7. Firm grows certified seed..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>8. Certification labels are attached to containers or bulk bins..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>9. Carry-over seed has been retested and relabeled..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>10. Firm does custom seed conditioning..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>11. Firm does custom seed treatment..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>12. Physical separation provided between pesticides and seed containers or bulk bins..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>13. Seed containers or bins are broken, leaking, exposed to snow or rain, etc..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>14. Seed conditioning facility and storage warehouse well lit, clean, safe to inspect..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>15. Seed advertisements or brochures reviewed or obtained as part of inspection..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>16. Sales invoices contain all required information..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>17. Complete labeling/bulk certificate provided at time of delivery or sale of bulk seed..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>18. Firm maintains a complete record of each seed lot labeled and sold under their name..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>19. Firm maintains a file sample for each seed lot labeled and sold under their name..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>20. Other: (Please specify)..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>21. Follow-up inspection necessary and will be completed on or before..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>22. Copy of completed checklist attached to signed Notice Of Inspection and left with firm..... <input type="checkbox"/> <input type="checkbox"/></p>			
<p>Remarks:  <u>Began operation Spring, this year over 200 members.</u>  <u>Currently provided seed law packet sheets.</u>  <u>Committee, made it easier to make gardens, Duluth community,</u>  <u>garden program, and Institute for sustainable future. Response</u>  <u>for 2014 repackaged from Jany's seed, and from seed from Becker.</u>  <u>could not get sources grant Review from seed m.</u>  <u>Firm stays at Duluth MN. gov</u>  <u>will get up with committee for next week to include home mgr</u> </p>			
<p>Inspector's Name, Title, Signature  <u>Kevin Ballman</u> </p>		<p>Name, Title, and Signature of person representing firm  <u>Stacy Harris</u> </p>	


AG-01240-02 (4/05)

Page 1 - Office Copy

Page 2 - Firm Copy

Page 3 - Inspector's copy

In accordance with the American's With Disabilities Act, an alternative form of communication is available upon request. TTY: 1-800-627-3529  
Equal Opportunity Employer

 <p>MINNESOTA DEPARTMENT OF AGRICULTURE</p>	<p>625 Robert St. N., St. Paul, MN 55155-2538 www.mda.state.mn.us</p>
<p>Seed Unit, Plant Protection Division, Ph: 651-201-6309, Fx: 651-201-6108</p>	

## Labeling Vegetable & Flower Seed for Home Gardeners in Minnesota

Seed offered for sale in containers or in bulk for sowing purposes in Minnesota must have attached a seed label containing the information required by the Minnesota Seed Law in Minnesota Statutes, section 21.82.

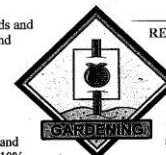
### LABEL REQUIREMENTS: VEGETABLE AND FLOWER SEEDS FOR HOME GARDENERS

KIND:	VARIETY:	LOT NO.:	NET WT.:
PACKED FOR:	SELL BY optional:	LABELER'S NAME: ADDRESS: (must meet Post Office delivery requirements)	

- Kind and variety name for vegetable seeds and kind and variety or a statement of type and performance characteristics for flower seeds.

- The variety name must be listed for vegetable seed unless special conditions exist.
- Pure seed percentage if less than 90% and inert matter percentage if greater than 10%.
- Other crop seed, weed seed, and noxious weed seed if present.
- If the seed is a "Blend" of varieties or a "Mixture" of kinds, it must be identified as such on the label.

- Lot number or other lot identification.
- Net weight of contents. If the number of seeds present in the container is less than 200 seeds, the actual number present may be listed in lieu of the net weight;
- The year the seed was packed for sale if the germination percentage exceeds the standard established by rule. For below standard germinations, the actual germination percentage and the date of test must be listed. A "sell by" date may be listed along with or in lieu of the "packed for" date but it may not exceed the test date by more than twelve months excluding the month of test.
- The name and address of the labeler



### RECORDS REQUIRED

- The initial labeler must keep a representative file sample for each seed lot for one year.
- Sales must be recorded on invoices that include the lot number, name of the kind and variety, amount of seed being sold, date of sale, and the name and address of buyer and seller.
- A copy of the seed label and the certification documents when applicable.
- The test information from which the labeling information was derived.

### SEED PERMITS

- All initial labelers of vegetable, flower, and wildflower seed sold for use by home gardeners in Minnesota must have a yearly permit for a fee based on gross sales.

### UNLAWFUL ACTS

- Persons who fail to comply with the requirements of the Minnesota Seed Law are subject to administrative, civil and criminal penalties.

### OTHER LABEL REQUIREMENTS

- "Treated" means the seed has received an application of a substance or has been subjected to a process for which a claim is made. The name of the substance applied and the words "DO NOT USE FOR FOOD, FEED, OR OIL PURPOSES" must be included in the labeling for the seed. If the treatment is poisonous, the appropriate signal word and symbol must also be shown.

For more information e-mail:  
Stephen.Malone@state.mn.us

For copies of forms, go to: [www.mda.state.mn.us/seed](http://www.mda.state.mn.us/seed)

In accordance with the Americans with Disabilities Act, an alternative form of communication is available upon request.  
TTY: 1-800-627-3529. MDA is an equal opportunity employer and provider.

Seed labeling home.indd Sep 2009

[www.mda.state.mn.us/seed](http://www.mda.state.mn.us/seed)





Like books, seed is a public resource and shared legacy, both saved and shared throughout history. It is the repository for diversity, knowledge and wisdom, and must be managed in a manner that benefits the public good.

-Jamie Harvey, Institute for a Sustainable Future

# QUESTIONS & ANSWERS





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

**Presenters:**

**Carla Powers**

[cpowers@duluthmn.gov](mailto:cpowers@duluthmn.gov)

**Jocelyn Baker**

[jebaker@duluthmn.gov](mailto:jebaker@duluthmn.gov)