

# Home Gardening From A-Z

## 4. Seeds

God said, "I give you every seed-bearing plant on the face of the whole earth and every tree that has fruit with seed in it. They will be yours for food."

Genesis 1:29

While the Earth remaineth, seed time and harvest,  
and cold and heat  
and summer and winter,  
and day and night shall not cease.

Genesis 8:22

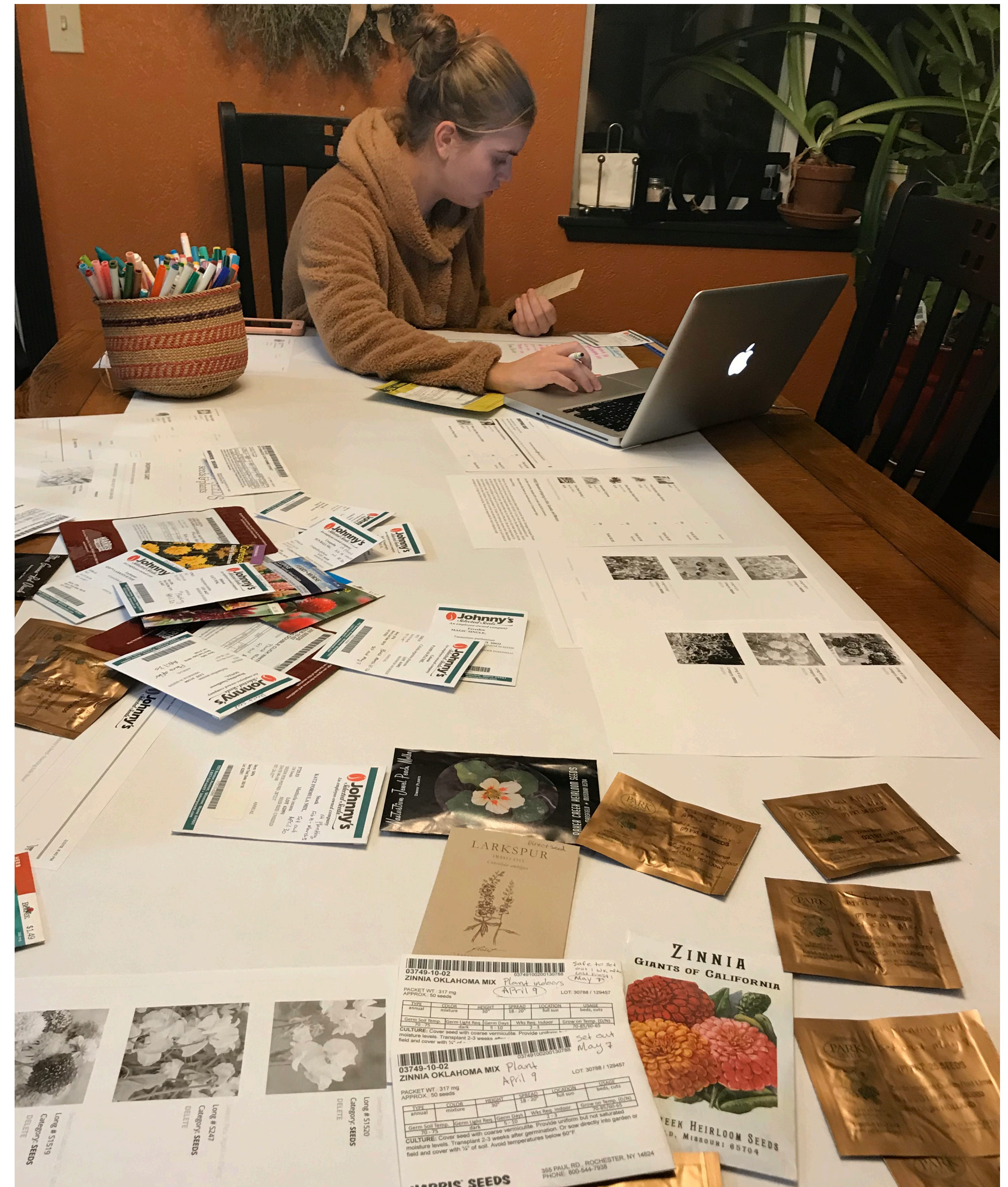
How many seeds do you need?

Free Garden Planning Charts

[https://melissaknorris.ipages.co/  
free-gardening-charts/](https://melissaknorris.ipages.co/free-gardening-charts/)



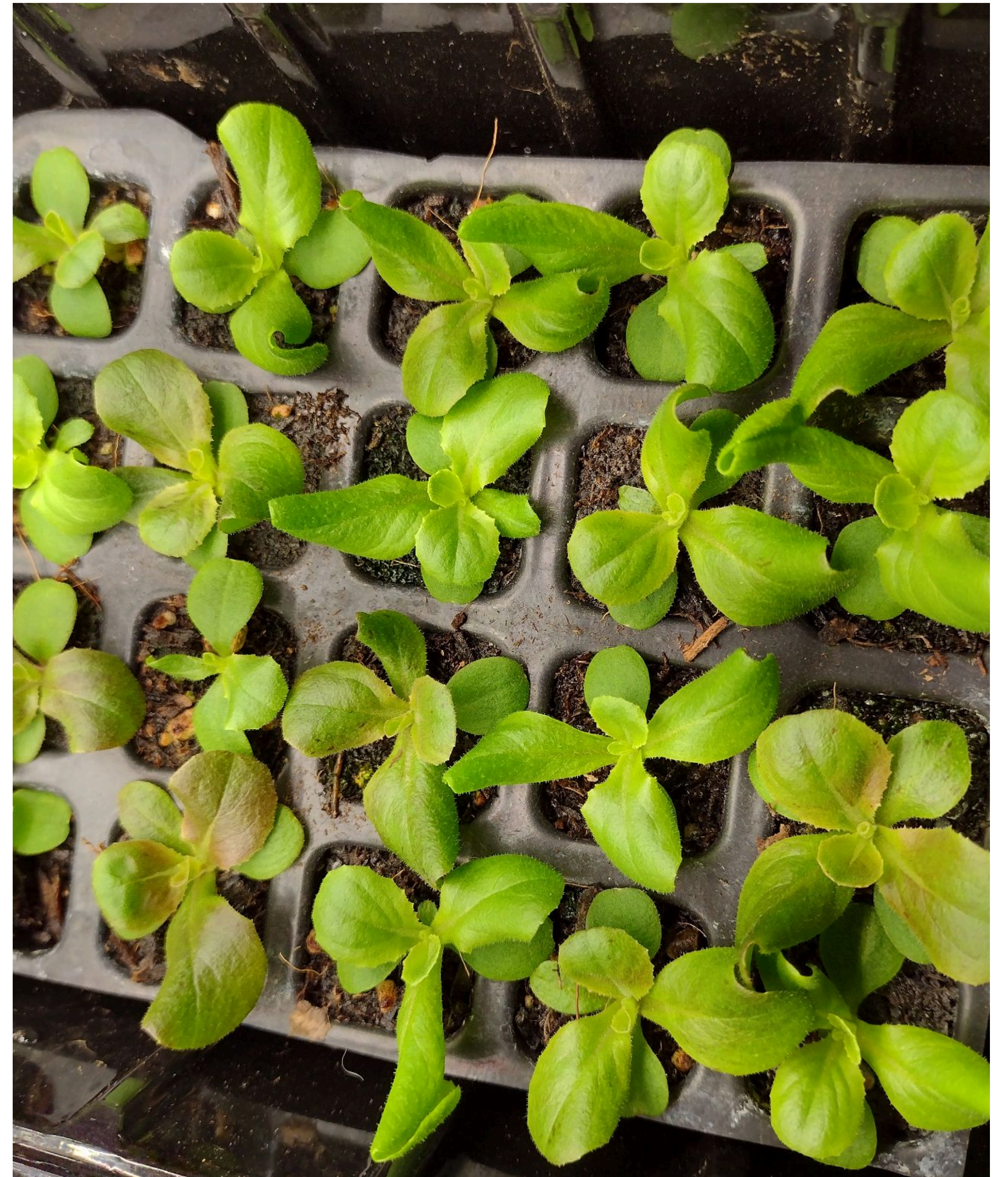
# Choosing specific varieties



# Plant user friendly varieties



**Days to maturity**



## **\*GMO Seeds**

- Genetically modified- blending two species

Example : GMO Corn is corn blended with a bacteria that kills worms.

Seed catalogs cannot sell GMO Seeds to the general public. But there have been problems with cross pollination in some places.





## \*Hybrid seeds



Is a cross between two or more varieties of the same species. Golden retriever + poodle = goldendoodle. There is nothing wrong with hybrid seeds, but if you want to save the seeds from your own crops while the seeds will be viable, they will not be true to type. They will have been bred for greater vigor, disease resistance etc. and one of these reasons may be your reason for choosing a hybrid.

## \*Open pollinated seeds -

Are non hybrid seeds. These reproduce true to type so you can save these seeds from year to year. If you want more information on seed saving I recommend one of these two books:

[Seed to Seed](#) - Ashworth and Whealy

[The Seed Garden](#) - The Seed Savers Exchange

[The Heirloom Life Gardener](#) Jere and Emilee Gettle The Baker way of growing your own food easily and naturally. Colorful book on growing and seed saving.



## **\*Heirloom seeds**

Are open pollinated that have a history and have been around a long long time, usually at least 50 to 100 years.





## **\*Organic Seed**

are from plants that were grown on certified organic land.

They were grown and harvested with organic practices and should not be affected by commercial pesticides, fertilizers or herbicides.

# Where to **BUY** your seeds:

## SAFE SEED PLEDGE:

**We pledge that we do not knowingly buy or sell genetically engineered seeds or plants.** The mechanical transfer of genetic material outside of natural reproductive methods and between genera, families or kingdoms, poses great biological risks as well as economic, political, and cultural threats.



[Johnny's Selected Seeds](#) - Great for home gardener and farmers

[Baker Creek Heirloom Seeds](#) -100% open pollinated seed -SDA

[High Mowing Organic seeds](#) - 100% organic seed

[Southern Exposure Seed Exchange](#)

[Territorial Seeds](#) -100% organic

[Grow Organic](#) - 100% organic

[Seed Savers Exchange](#) - 100% heirloom seed

[Main Potato Lady](#) -organic potatoes, onions & garlic seed

[Grand Teton Organic Seed Potatoes](#)

[Burnt Ridge Nursery](#) - fruit, nut trees and berries

[Indiana Berry Nursery](#)

[Azure Standard](#)

[Ellie's Eden at Azure Standard](#) (Organic Seeds & plant starts)

[Ed Hume Seeds](#) (seeds selections for short season, cool climate, some open pollinated seeds)

[Seed Treasures](#) Open pollinated and Heirloom seed. Long day onions for northern growers.

(Clear Dawn storage onion - northern growers)

[Prairie Road Organics](#) Select certified organic garden seed.

(Dakota tears storage onion - northern growers)

# Checking old Seeds





Red Currant  
Tomato  
Burr oak 2017

Rutabaga  
Purple 2017

W.W Sweet  
2013 Home

Frosty  
2017

2009 home

Blue Lake Bush  
2018/19 Baker Creek

Son Marzano  
2017

10 Fingers Nopis  
2017

Stuttgart Onions  
Home 2009

Tender Green  
BEAN  
Heirloom 2016

Condor Beans  
2018/19 Baker Creek

Pink Derby  
2017

April Rainey's  
German Green  
Baker Creek Green 2017

Red Onion Seed  
2013 Home

Wax Beans  
2017 Azur

Comstock  
T. Tomatoes 2017

Comstock  
T. Tomatoes 2017

2018/19 Baker Creek



Order your seeds **EARLY!!**

Seed companies do run out of seeds and will put you on backorder.



# Seed starting Indoors

Soil blocking



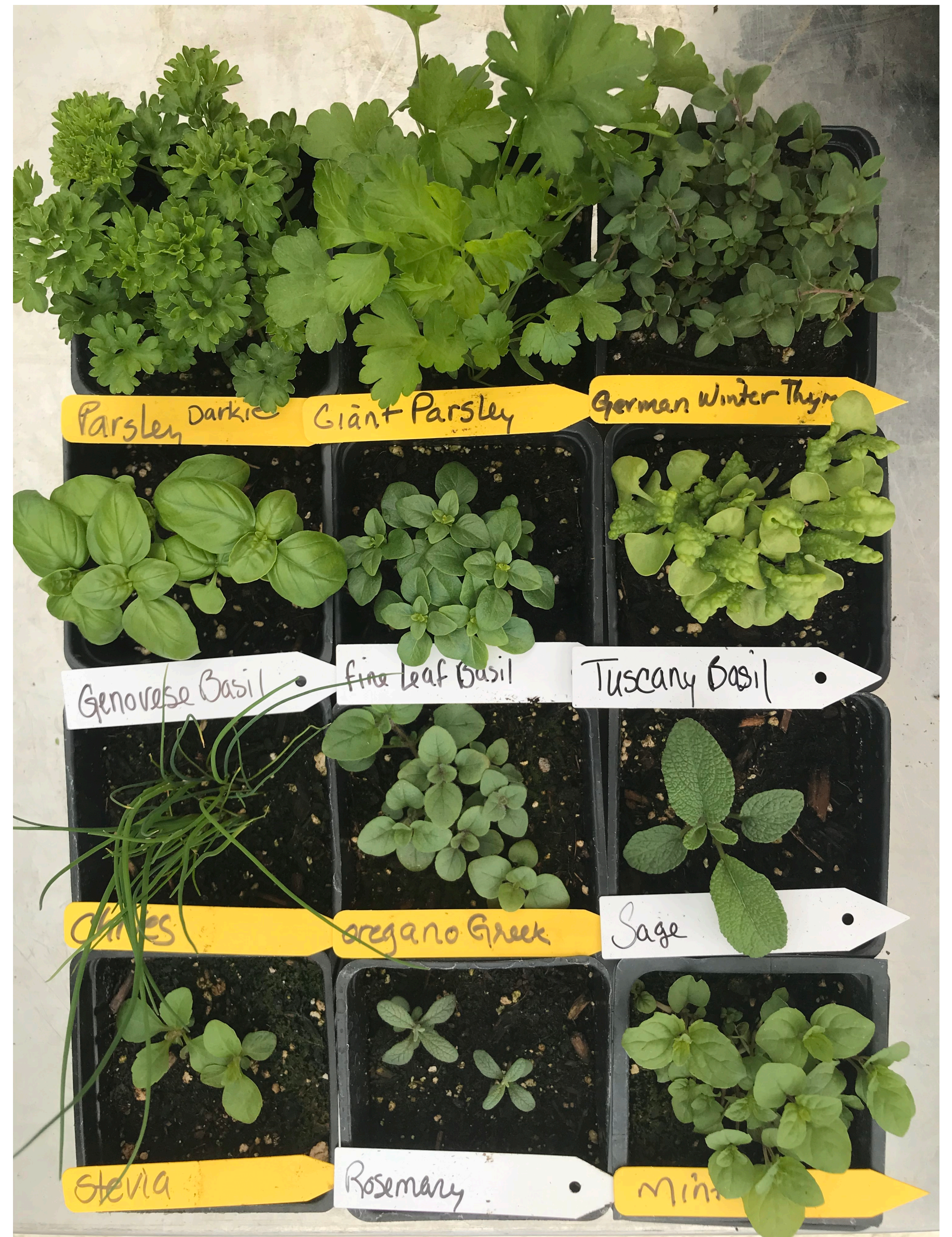


Seed Starting Mediums

# Filling trays and pots







Be sure to **LABEL** everything.



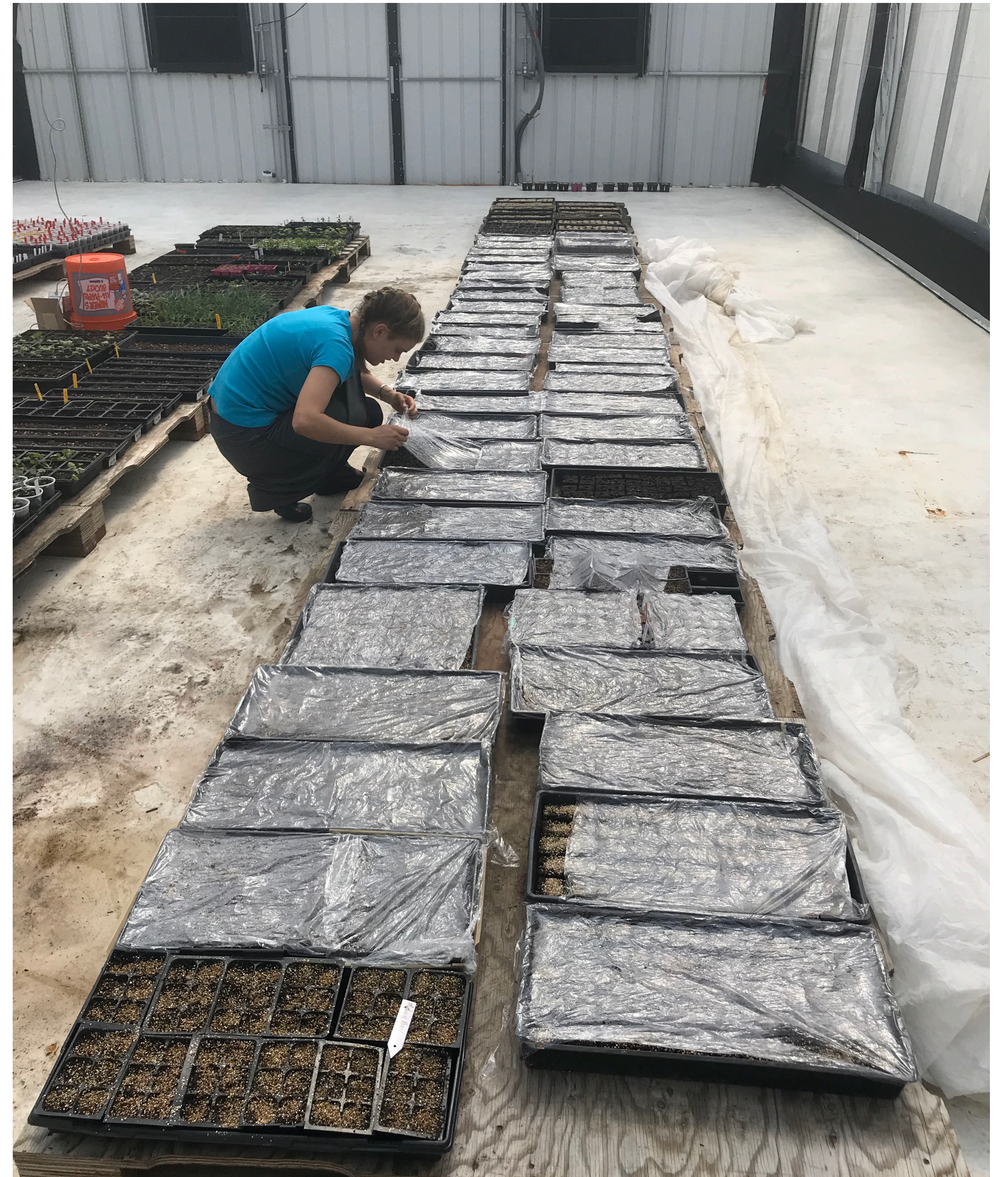
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# Watering Your Seeds





Humidity domes,  
Plastic Wrap,  
Inverted tray,  
&  
Wide Weave Burlap



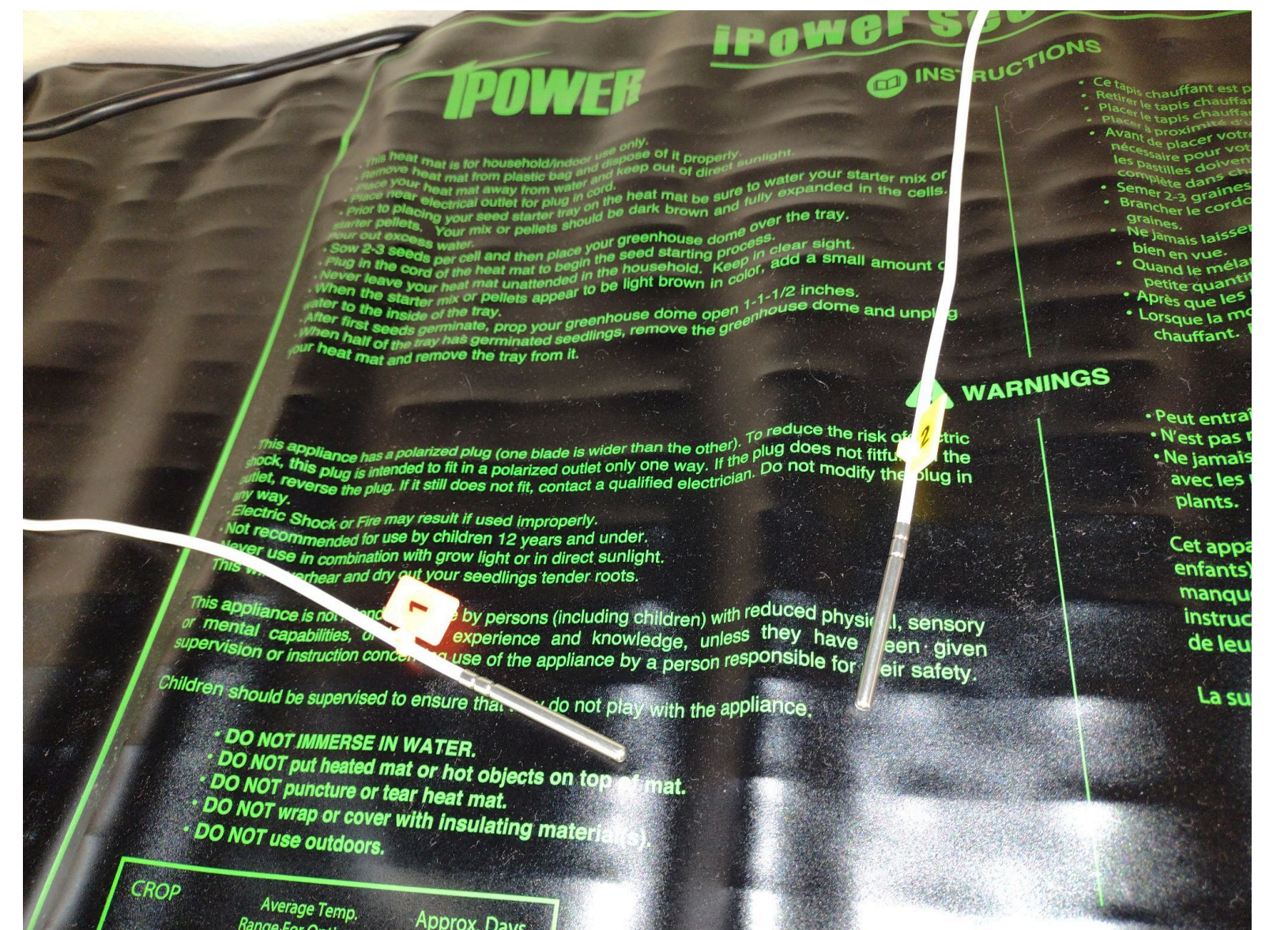


**Grow Lights**

**Shelving**

**Grow Mat**

**Controller**



# Grow Lights





**Cold Frame**

# Watering your PLANTS





# Petting Your Plants



# DIY Germination Chamber



# Temperature Control





Damping OFF



