

Seed Saving

Dave Whiting

Cherokee County Master Gardeners



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<http://allthingsplants.com/users/profile/chelle/>

Dave's
Garden



*"For Gardeners...
By Gardeners"*

LXer



All Things Plants

Cubits.org





About AllThingsPlants.com

Social media for gardeners

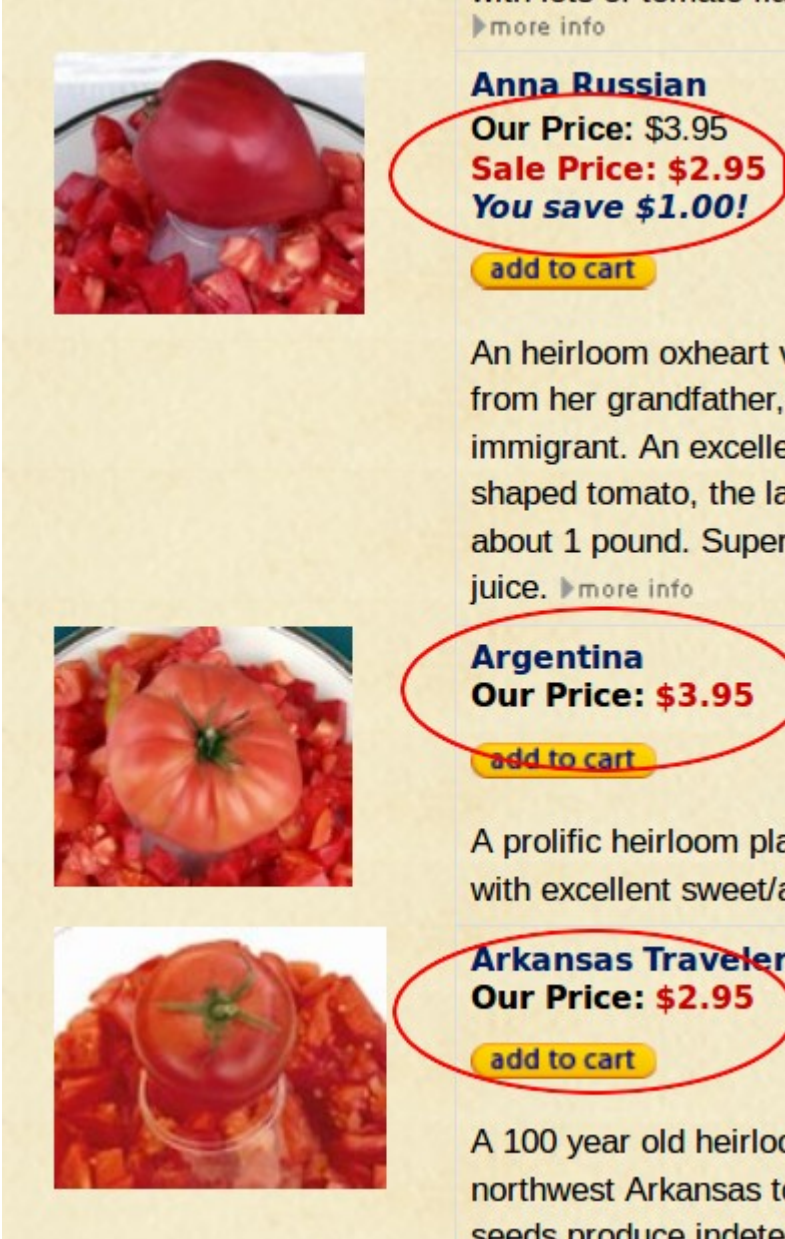
- Plant Database: Among the largest in the world.
 - 575K plants, 182K photos, comments, etc.
- Forums
 - Dozens of highly active forums, Ask a Question
- Articles
 - Daily articles, tips and ideas.
- Weekly newsletter



Saving money

- \$3 to \$4 per seed packet these days.
- Save a hundred bucks each year.

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► more info

Anna Russian
Our Price: \$3.95
Sale Price: \$2.95
You save \$1.00!
[add to cart](#)

An heirloom oxheart v
from her grandfather,
immigrant. An excelle
shaped tomato, the la
about 1 pound. Super
juice. ► more info

Argentina
Our Price: **\$3.95**
[add to cart](#)

A prolific heirloom pla
with excellent sweet/a

Arkansas Traveler
Our Price: **\$2.95**
[add to cart](#)

A 100 year old heirloc
northwest Arkansas to
seeds produce indete

Sharing and Trading

- A huge network of gardeners with a vast collection.
- Access to varieties that are simply never sold anywhere.
- Make new friends, learn about new things.



Yes!	plants for postage	piksihk	May 18, 2013 6:47 PM
Yes!	Have: Passies & More ...	Xeramtheum	May 15, 2013 12:48 PM
Yes!	Pussy Willow cuttings	obliqua	May 11, 2013 4:25 PM
Yes!	Wanted: Unusual Clematis	Xeramtheum	Apr 30, 2013 11:03 PM
Yes!	Wanted: Sedum	Xeramtheum	Apr 29, 2013 12:33 PM
Yes!	Anybody got peanuts I can plant?	crittergarden	Apr 21, 2013 4:16 PM
Yes!	succulent cuttings for shipping	a2b1c3	Apr 19,

Guarantee Seed Availability



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Preserve Genetic Diversity

- Gene pool is always getting smaller, not larger.
- The more, the merrier.



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Improve your favorite varieties

- Save seeds from the very best specimens.
- Year over year you will find a marked improvement.

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Create new varieties

- Breeding programs are fun and easy. Over a few years you can make entirely new cultivars.

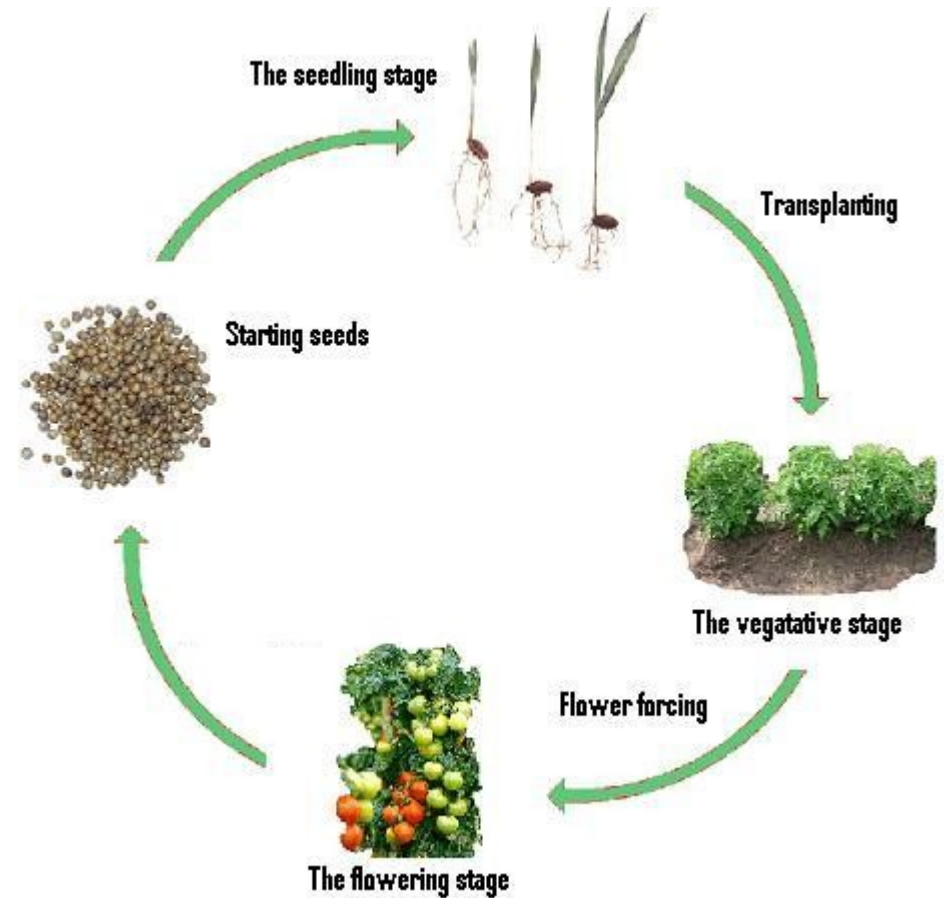


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Fun and addicting

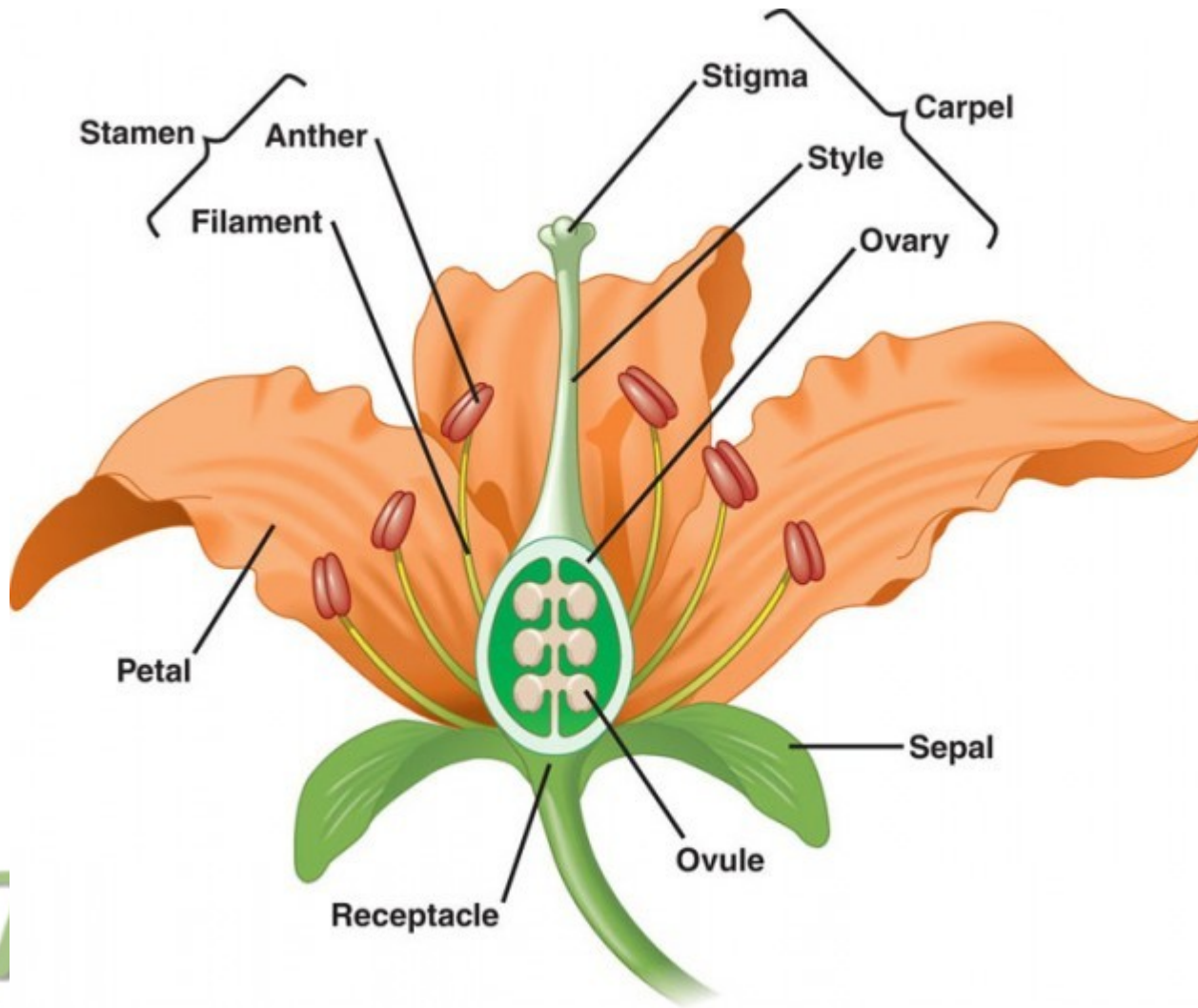
- From Seed to Seed
- It's a complete fulfillment of gardening.



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Pollination



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In open pollination, pollen moves by...

Wind

Insects

Birds or other animals

People



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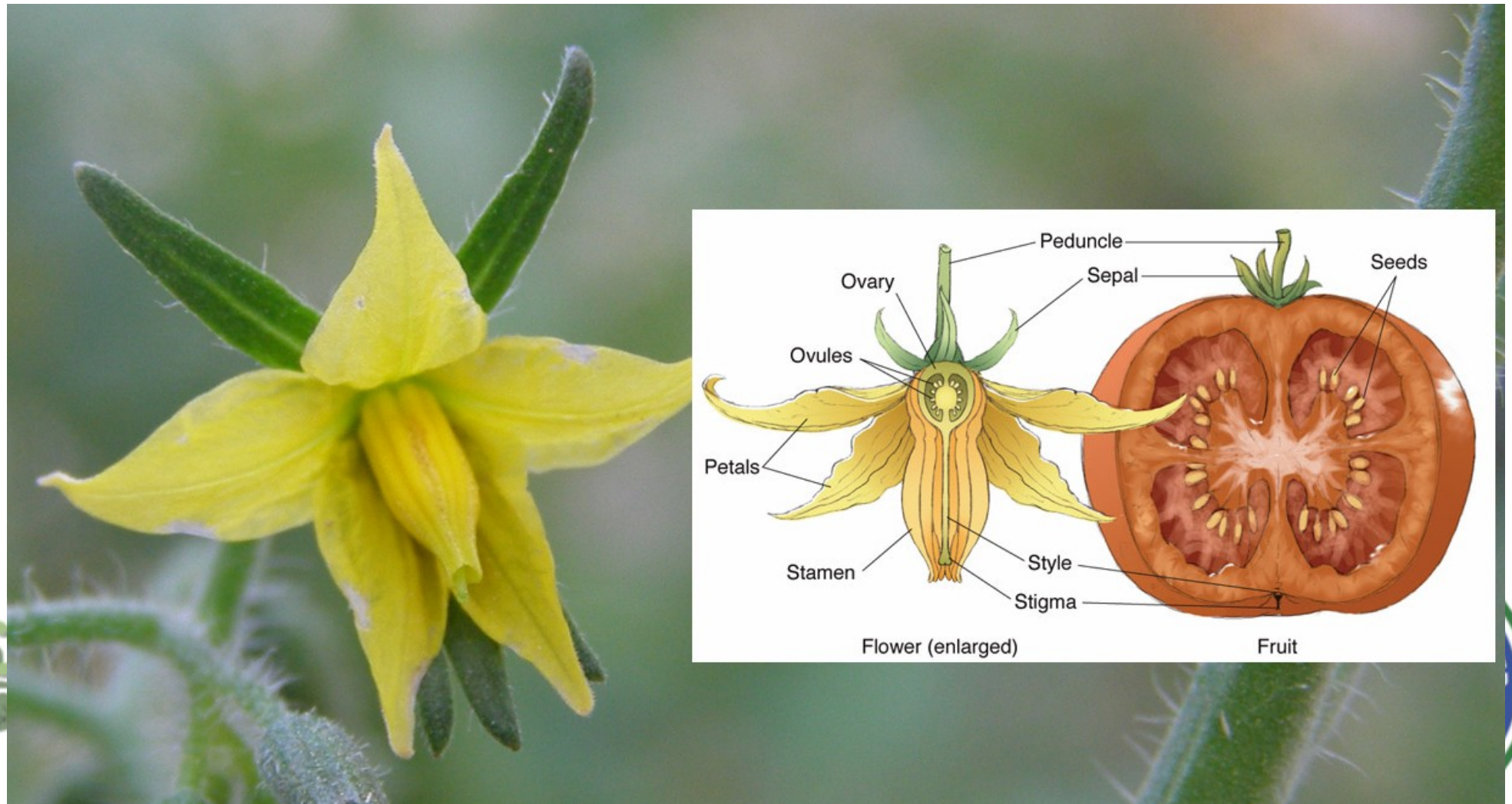
To Maintain Purity, Control Pollination

- Avoid crossing varieties
- Wind pollen: bag the heads.
- Bee pollination: Isolate by distance
- Borders and interruptions
- Physical barriers: Bags, cages, etc.



Tomatoes

- Perfect flowers
- Self pollinated, easy to keep pure



Peppers

- Perfect, self pollinating
- Insect crossing is common
- Isolate or bag/cage



Spinach, Chard, Corn

- Wind pollinated
- Miles and miles
- Bagging is the only way



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Beans, Peas, Cowpeas

- Perfect flowers
- Self pollinating
- Crossing is hotly debated
- 25 to 30' enough



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Brassica

- Cauliflower, Broccoli, Kohlrabi, Cabbage, etc.
- All will cross with each other.
- Insect pollination.
- Isolate by 1/2 mile.
- Or cage with introduced pollinators.



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Radish

- Only crosses with other radishes.
- Just grow one variety and save seeds.



Carrots

- Insect pollinated
- 1/2 mile
- Will cross with Queen Anne's Lace

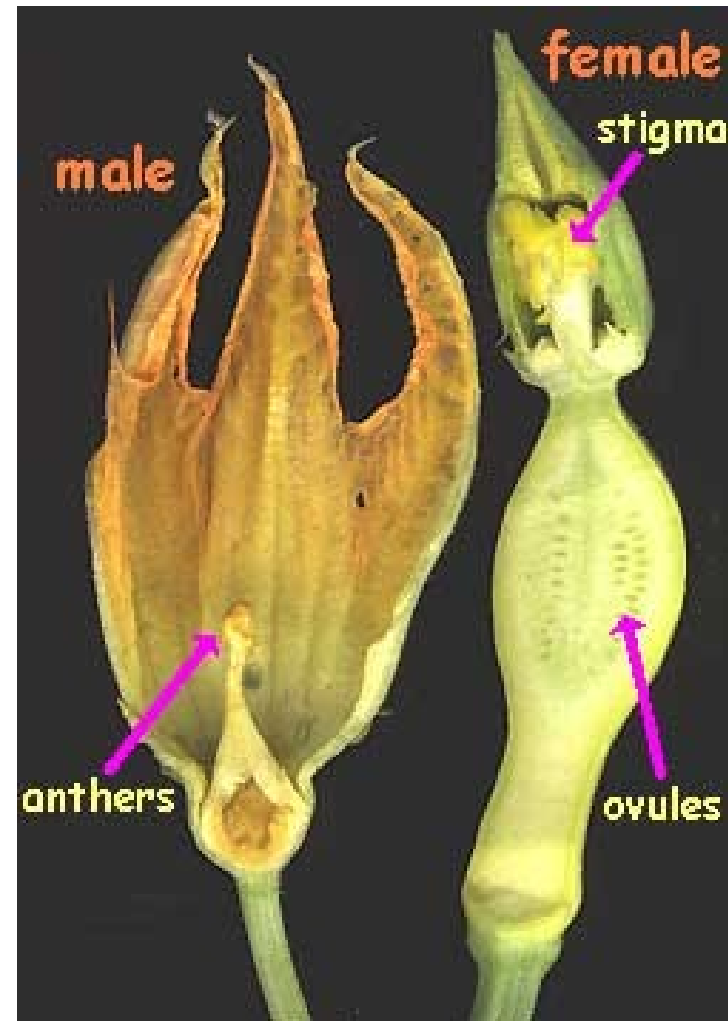


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Squash/Pumpkins

- Separate sexed flowers
- Separate by 1/2 mile
- Hand pollinate
- Cucurbita
 - pepo
 - mixta
 - maxima
 - moschata



C. pepo, aka Yellow Squash

- Zucchini, Yellow, Scallops, many pumpkins
- Acorns, Spaghetti, Delicata



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C. moschata – The Butternuts



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C. maxima

The King of Squash

- Hard winter squash and many pumpkins



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Technique for Harvesting Seeds



Fermenting Seeds



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Day 5 or 6



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Top poured off, water filled back up



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Poured, filled, poured. Good Seeds Sink.



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Spread on a plate to dry



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Storing Seeds

- Brown envelopes
- Plastic baggies
- Mason jars
- Room temperature and dry.



Resources

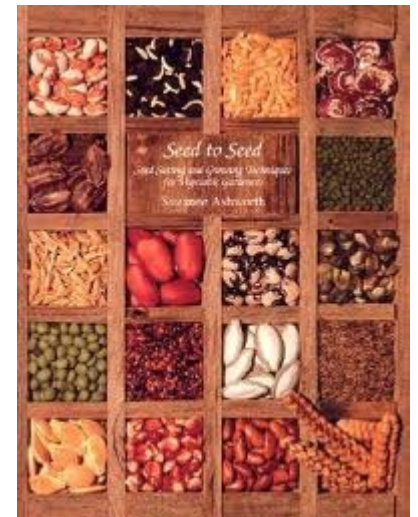
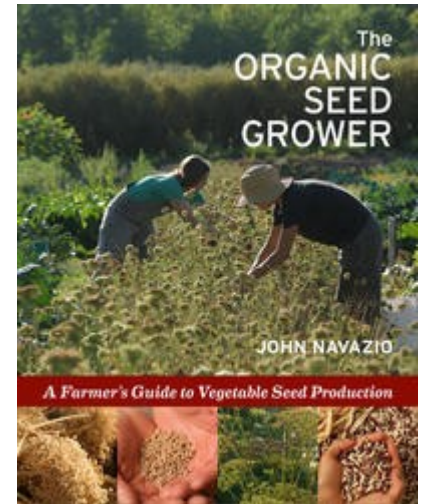
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Book: The Organic Seed Growers

- Chelsea Green Publishing

Book: Seed To Seed

- Seed Savers Exchange



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