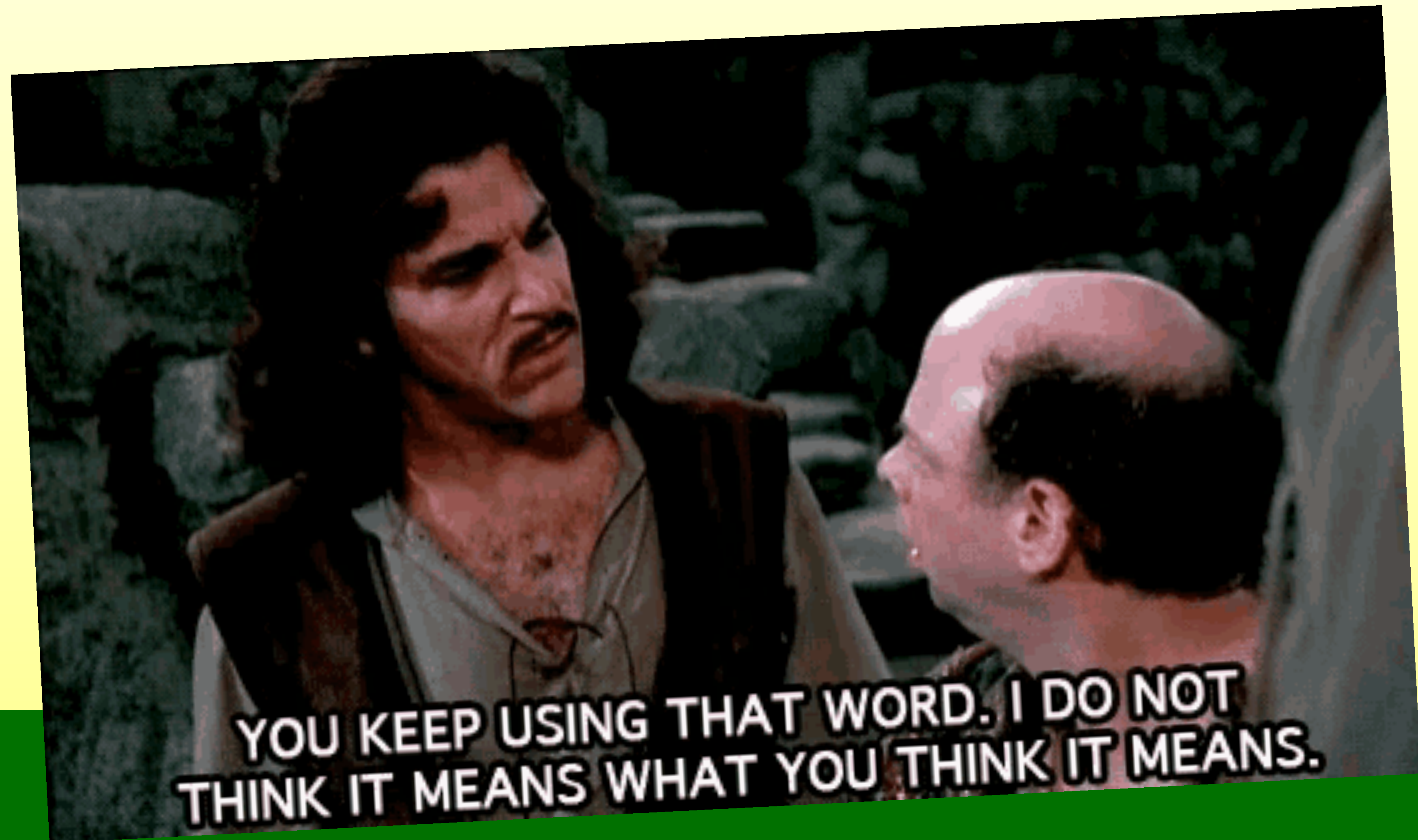




Tomato Seed Sunday

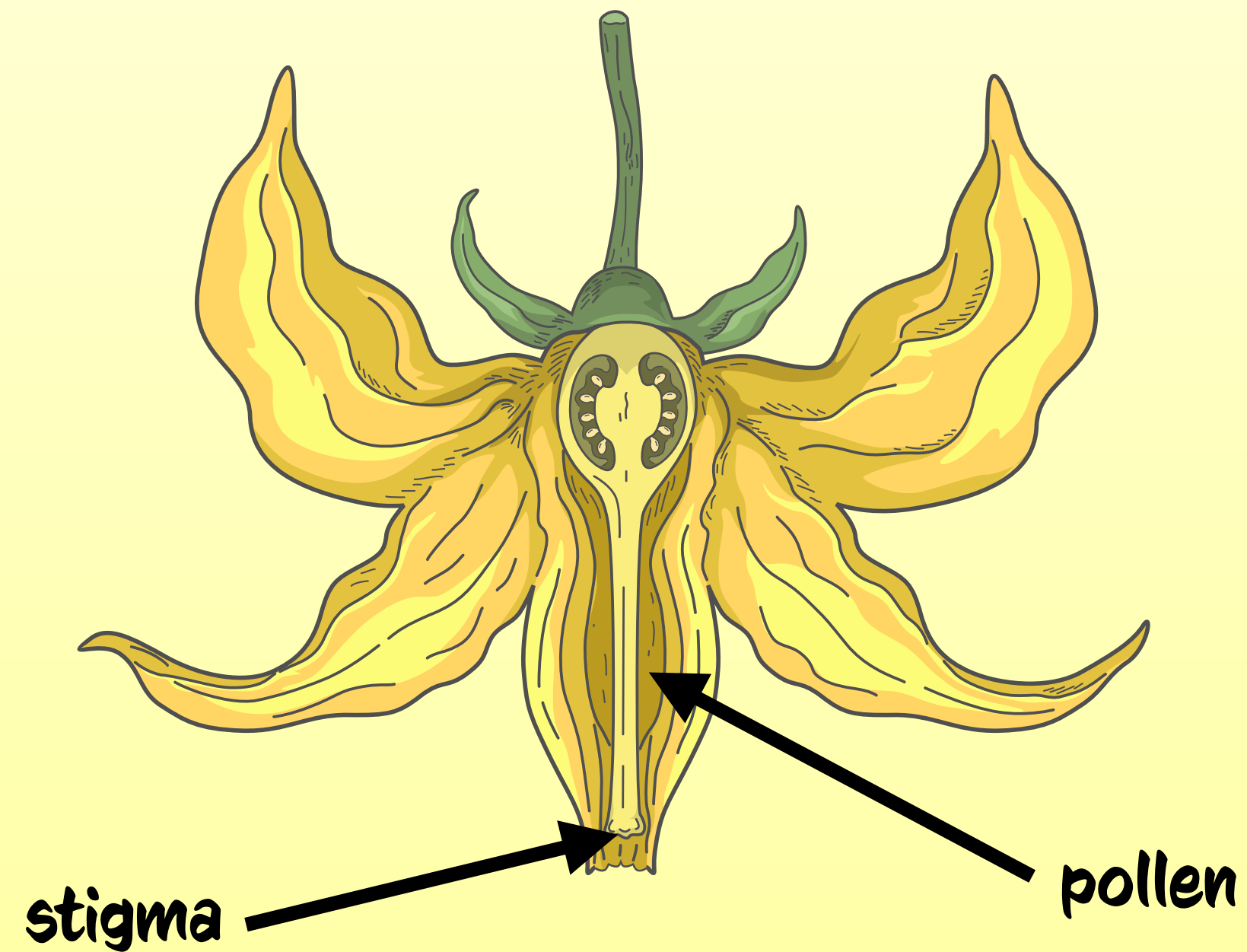
“Heirlooms taste so much better”



Pollination

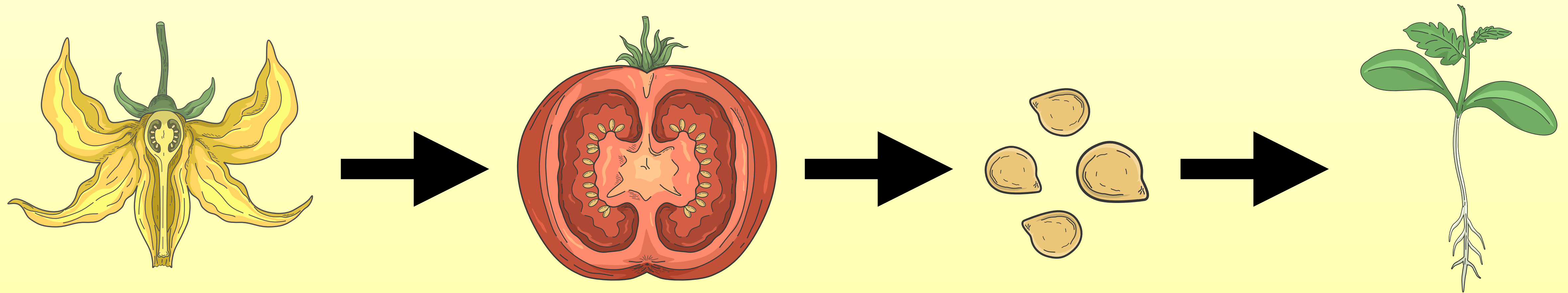


Tomatoes are Self-Fertile



Pollination

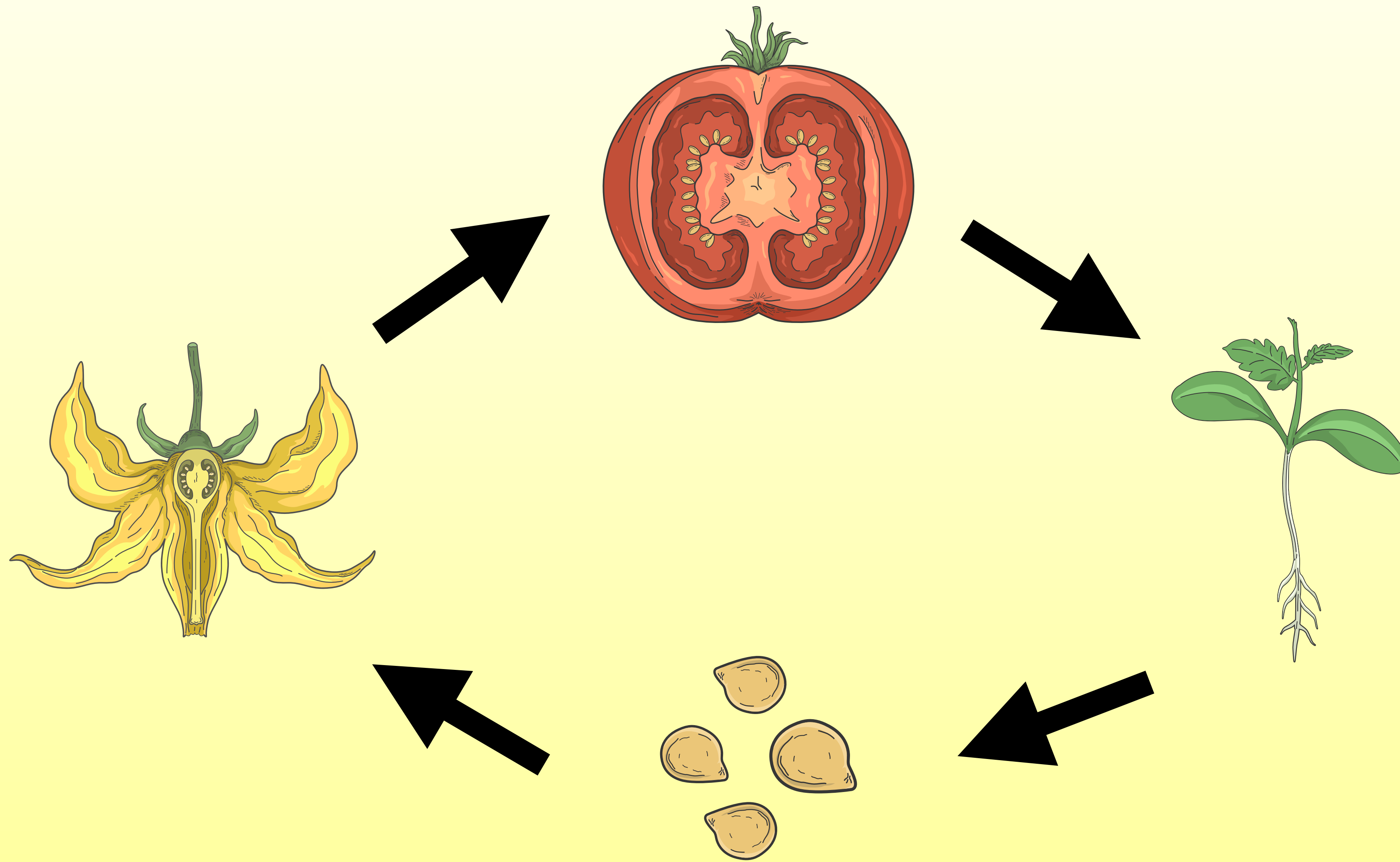
Tomatoes are Self-Fertile



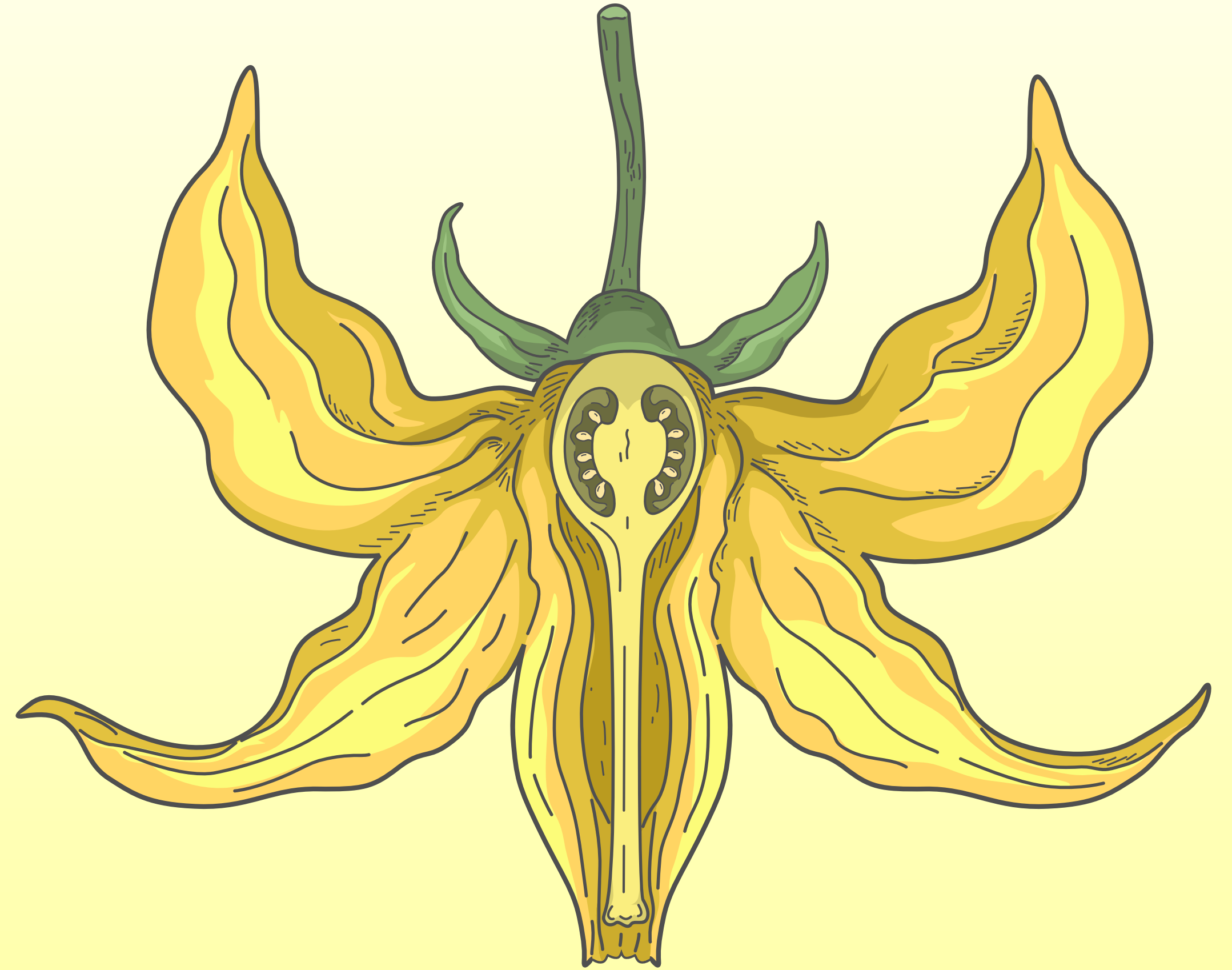
Pollination



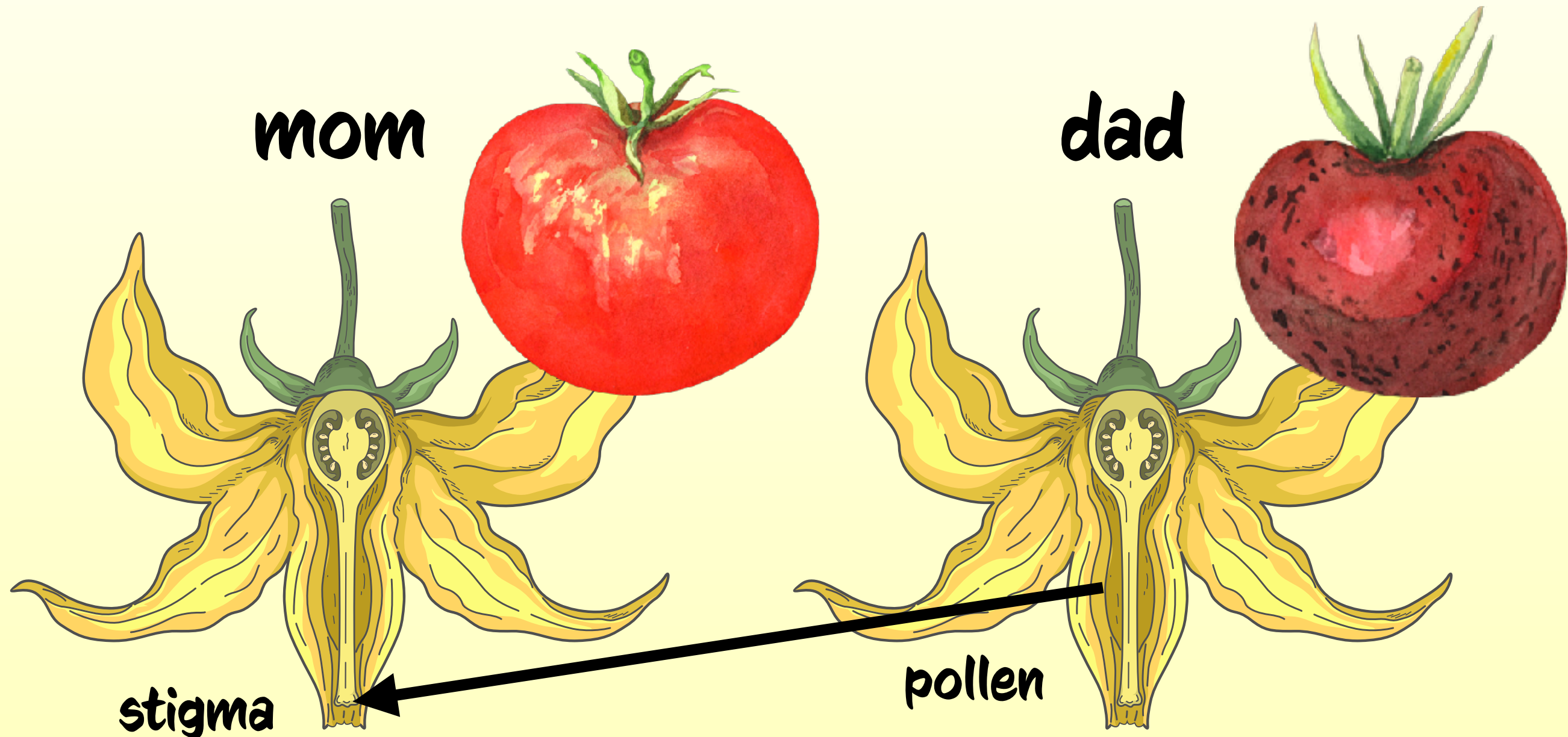
Pollination



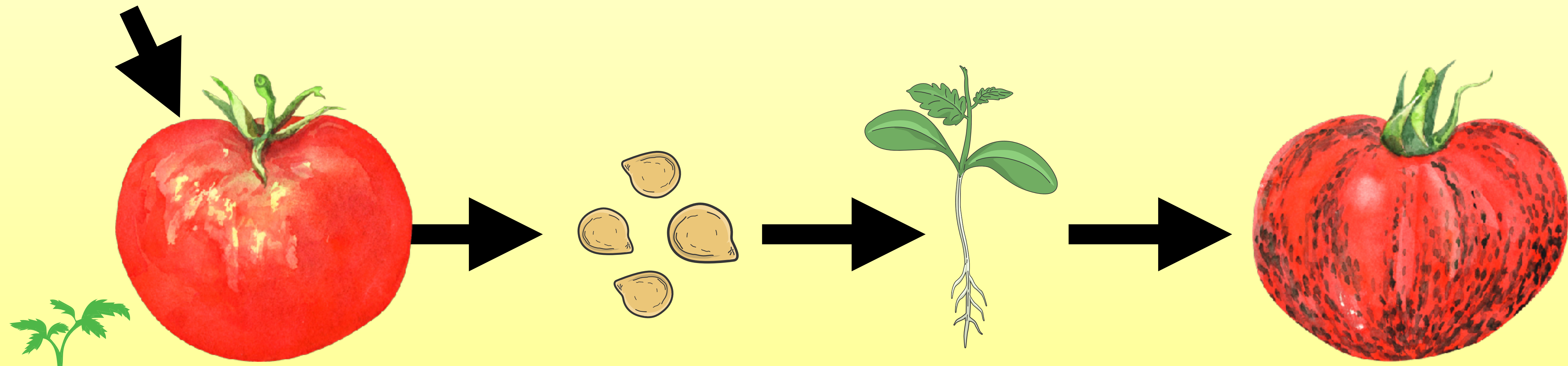
how do we
get
diversity?



Pollination



**new hybrid
tomato!**

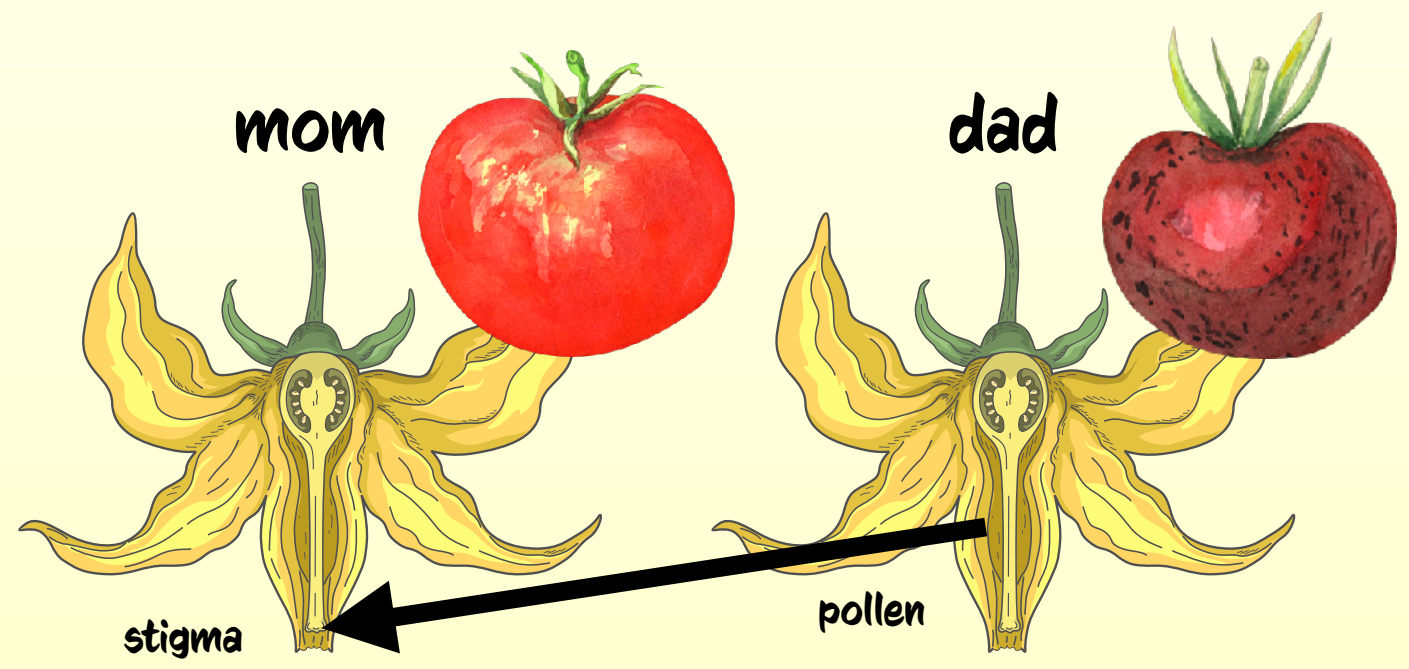


Pollination

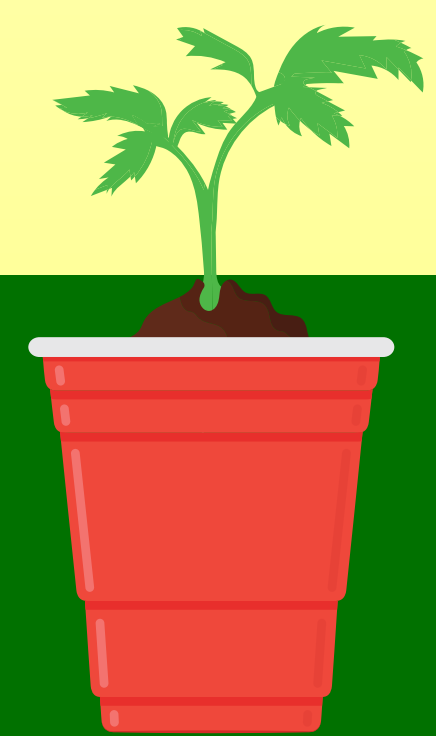
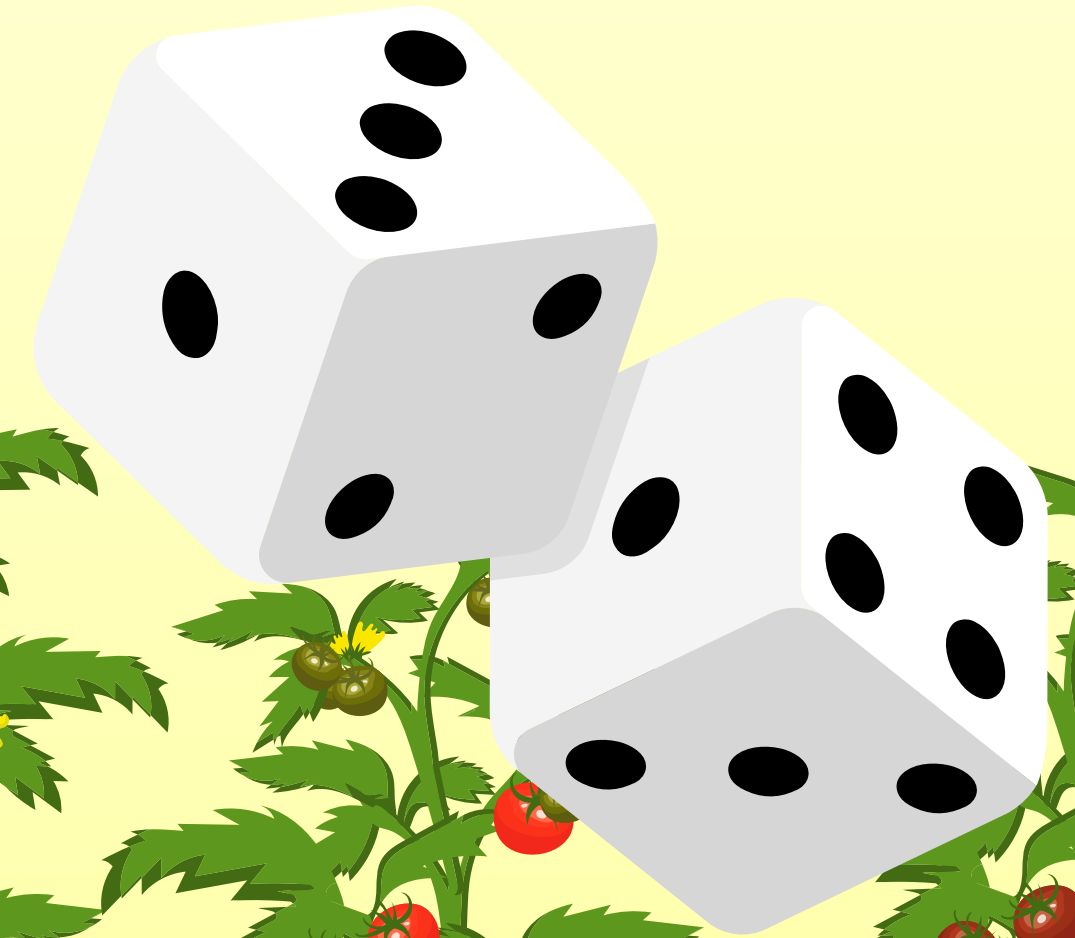
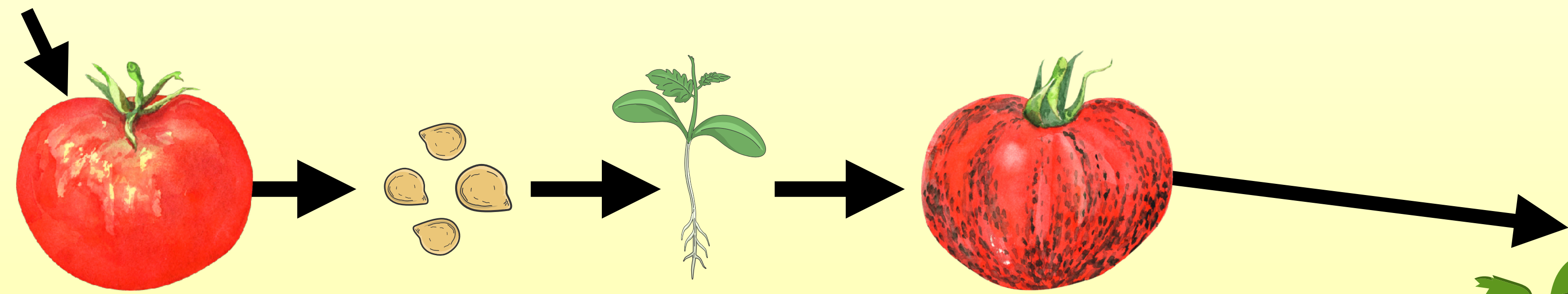
Keep the parents a secret,
then call your
marketing team!



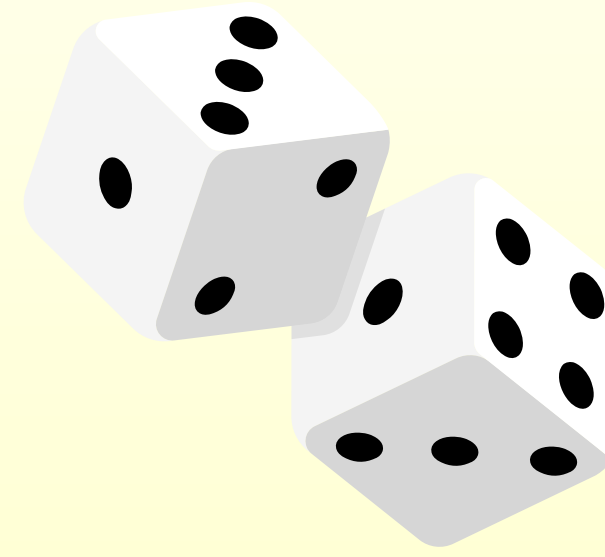
Pollination



what if we kept going?



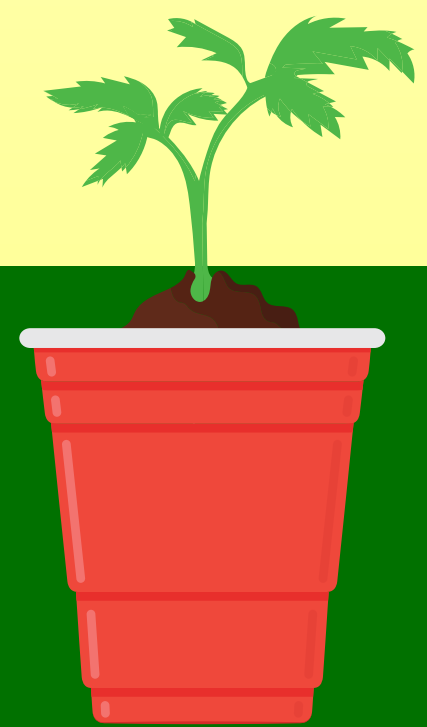
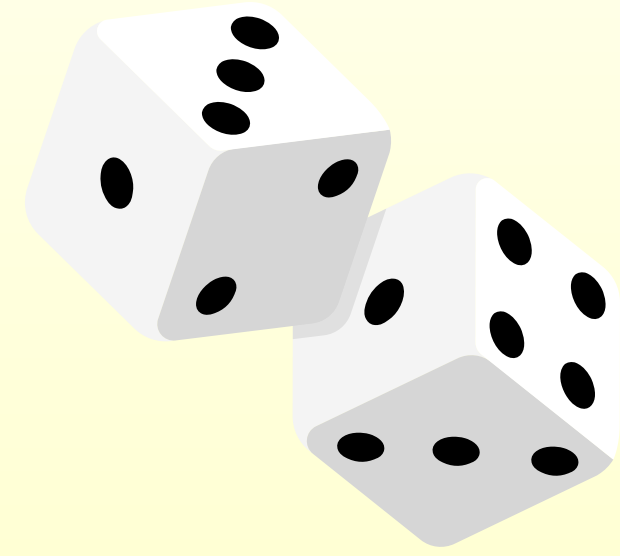
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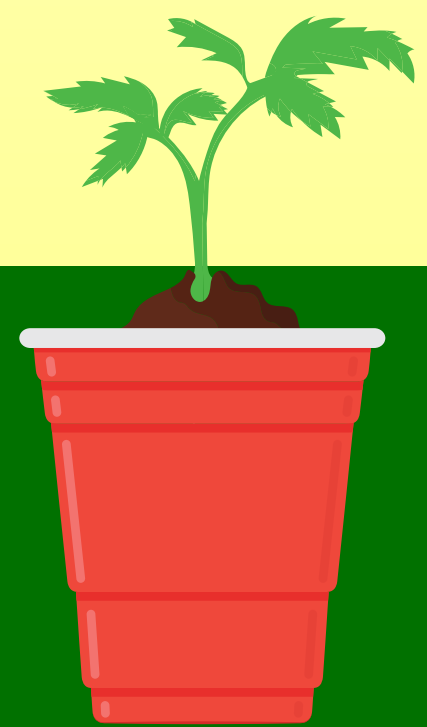
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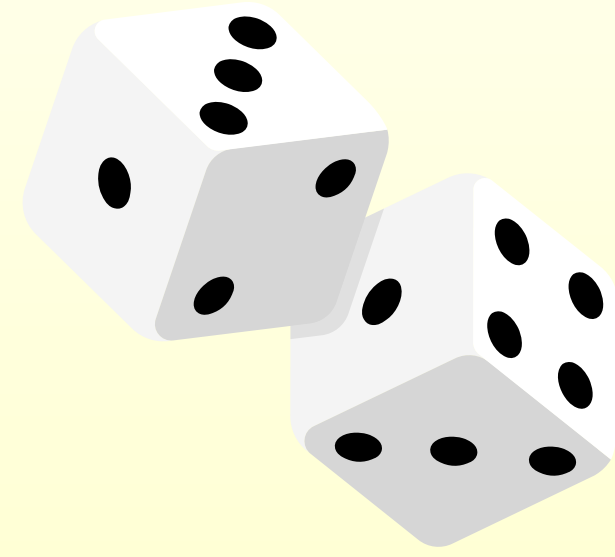
Pollination



Pollination

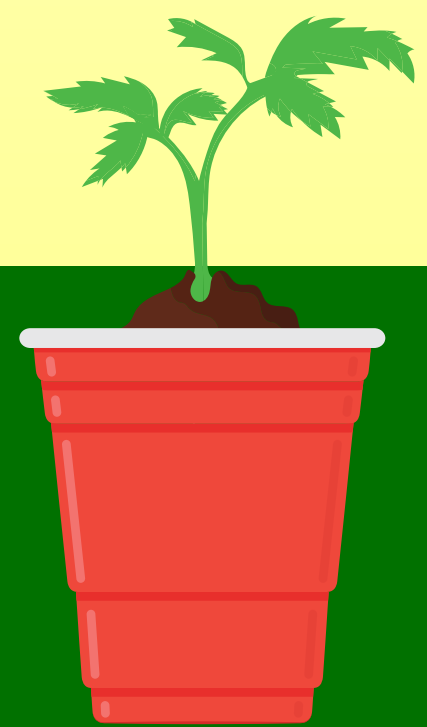
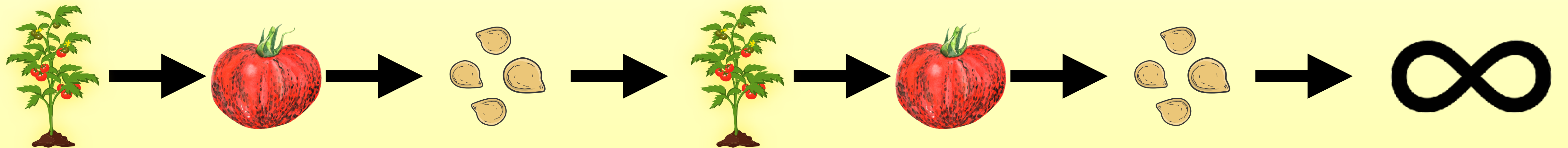


Pollination



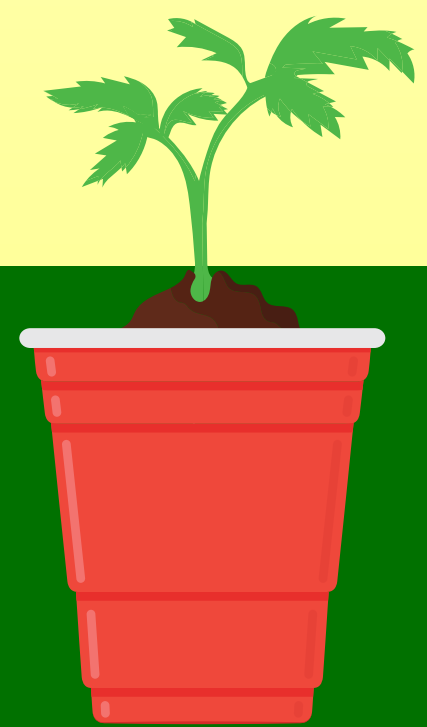
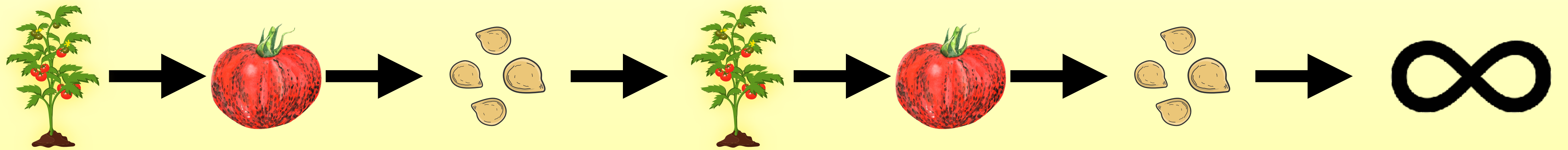
Pollination

7-10 years, you get a new stable breed of tomato



Pollination

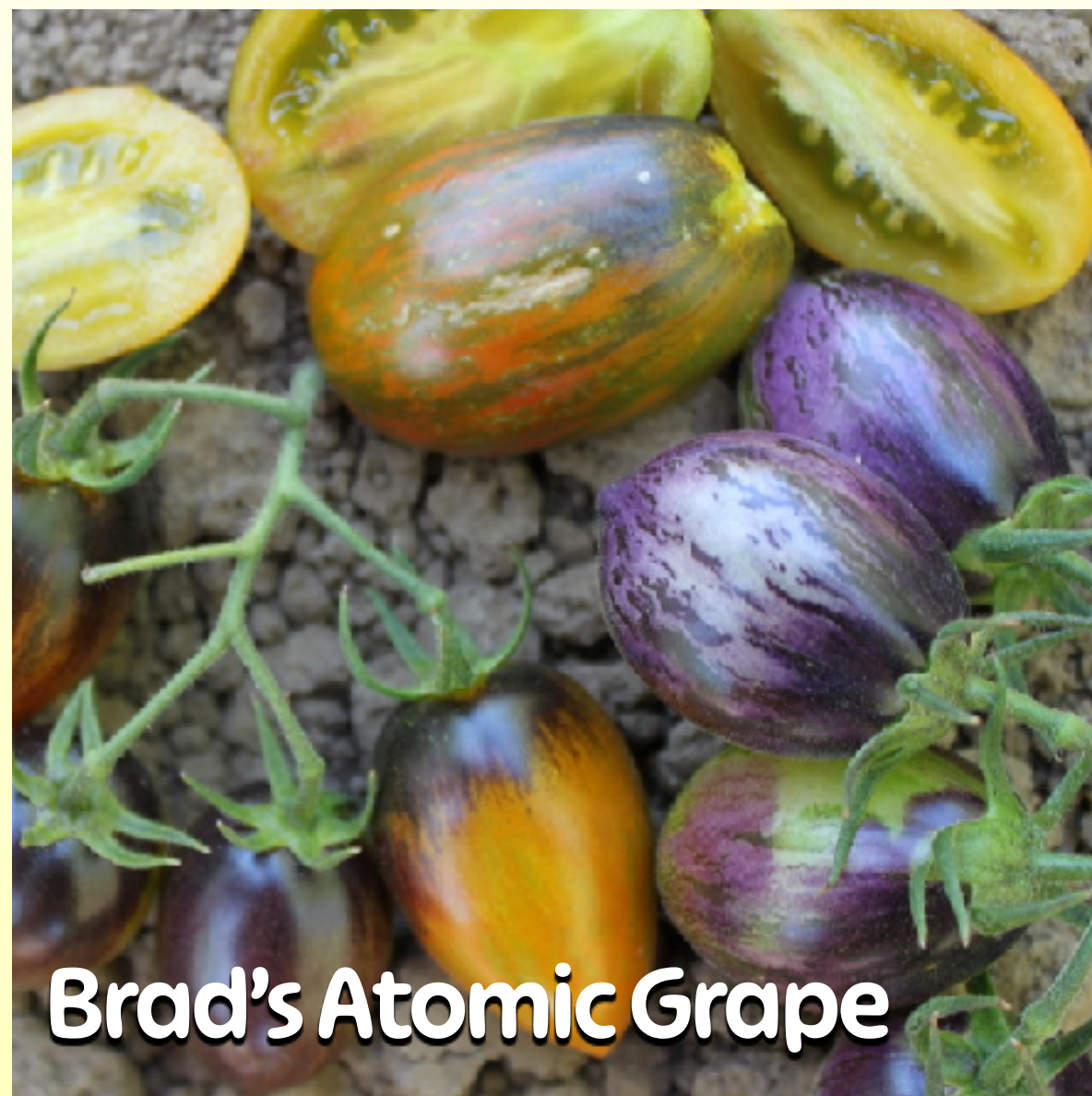
Do it for 50 years,
you have an heirloom!



Pollination



Brad Gates "The Willy Wonka of Tomatoes"



Brad's Atomic Grape



Berkley Tie-Dye



Kryptonite



Pink Furry Boar



Blue Berries



Beauty King



Black Beauty



Amethyst Cream Cherry

Types of tomato plants



four main types:

indeterminate

determinate

dwarf

micro-dwarf



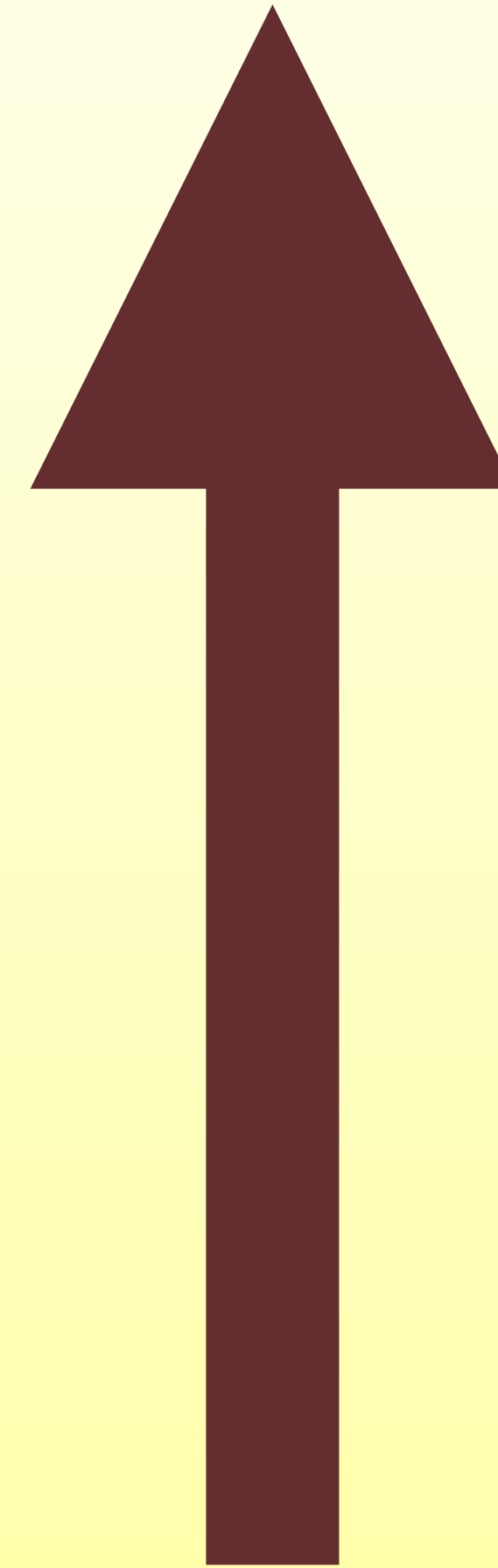
Types of tomato plants

indeterminate

determinate

dwarf

micro-dwarf



**size and
difficulty
to grow**



Types of tomato plants

indeterminate

- long vine
- over 7 feet
- requires support
- benefits from pruning
- usually heirlooms are in this category



Types of tomato plants

indeterminate

determinate

dwarf

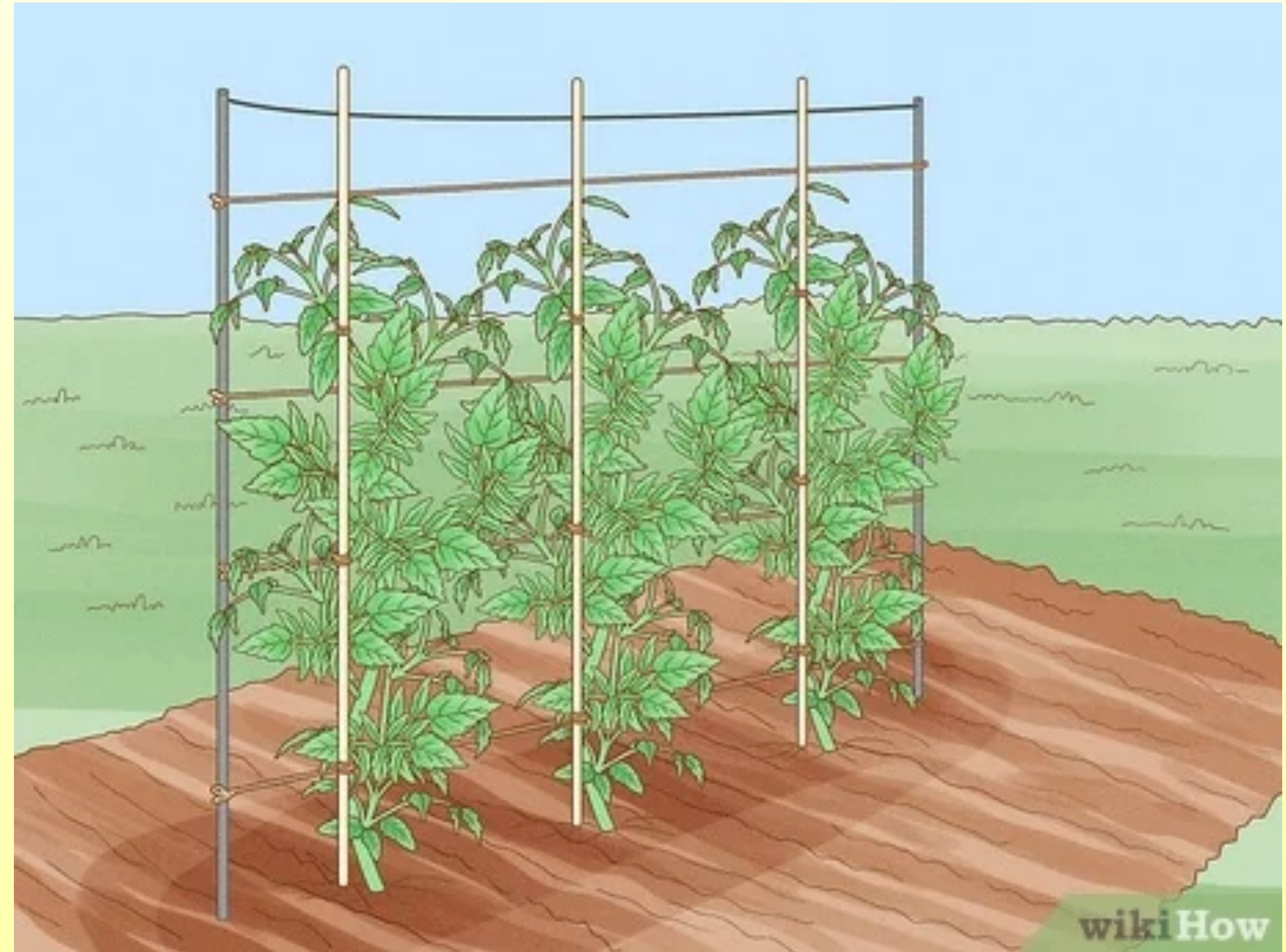
micro-dwarf



Types of tomato plants

determinate

- long vine
- grows to a determined height
- requires support
- benefits from pruning



Types of tomato plants

indeterminate

determinate

dwarf

micro-dwarf



Types of tomato plants

dwarf

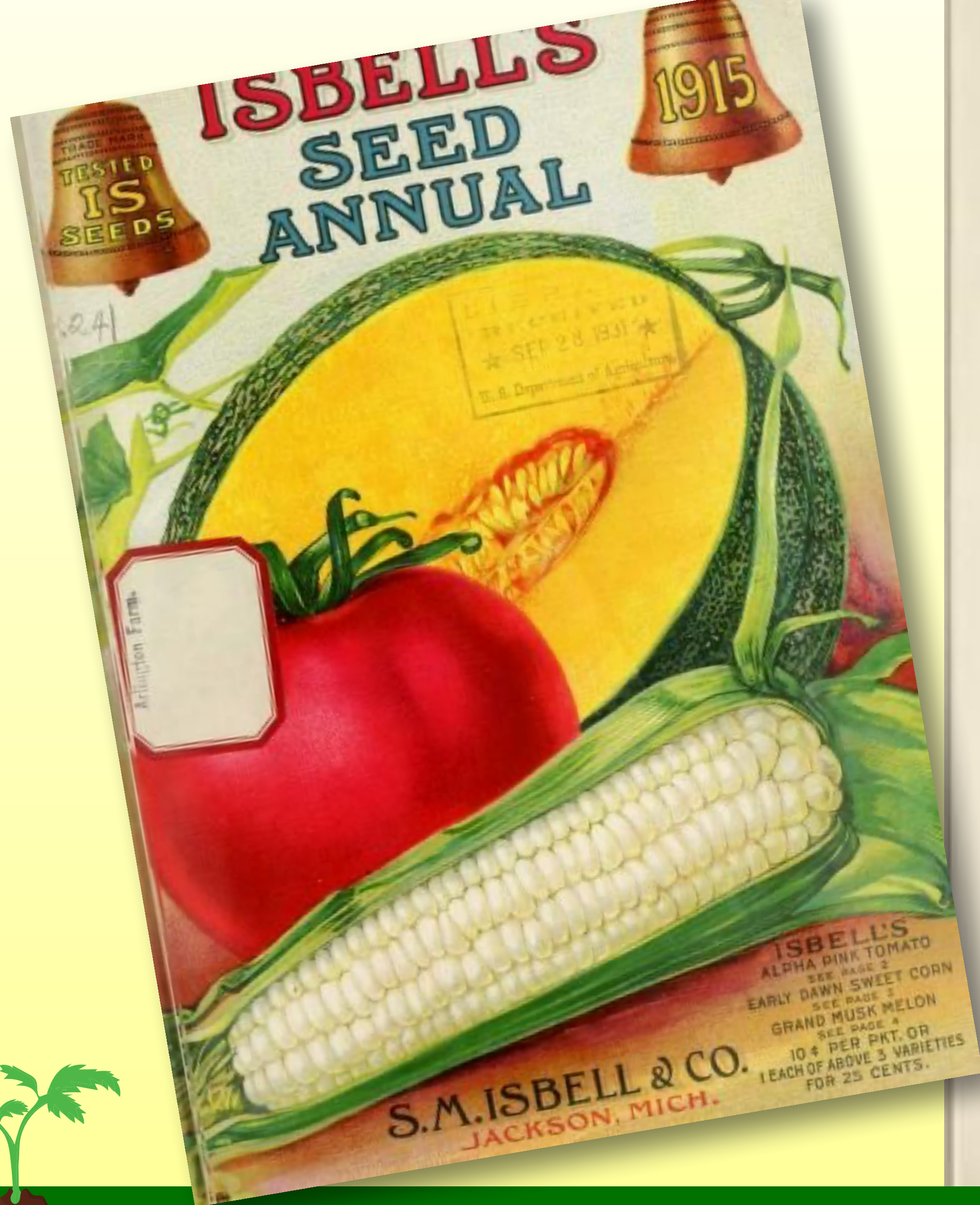
- dwarf plants, not dwarf fruit
- grows like a bush, not a vine
- grows to a determined height
- thick trunk, tough plants
- requires minimal support
- benefits from **NOT** pruning
- does well in pots
- traditionally boring...



Types of tomato plants



Types of tomato plants



ISBELL'S NEW BIG DWARF TOMATO

ISBELL'S NEW BIG DWARF is so distinct and so meritorious that we are proud to offer it to tomato lovers of America and the world. We earnestly hope everyone who receives our catalogue will place this grand new sort in 1915.

This Big Fruited but Erect-growing variety is one of the most important advances made in recent years in the line of Tomatoes especially adapted to home gardens. The original plant was discovered by us in a large field of Ponderosa. Its vine would simulate a cross with Dwarf Champion while the fruit is surprisingly similar to Ponderosa, although smoother. Those who have attempted in the past to grow Ponderosa with its sprawling habit of vine may now have the same exquisite quality of fruit on strong, erect vines requiring only one-fourth the space. The main stem or stalk grows about 24 to 28 inches high and is very stably erect. The fruits are numerous, making Big Dwarf by far the largest fruited erect-growing sort in cultivation. The color is a rich crimson tinged with purple, making it surprisingly attractive when exposed for sale.

The inside "make-up" of the fruit is one of its crowning merits—extremely few seeds and these near the outer walls—texture of the flesh as solid as a yellow apple—color, rich crimson, flavor unexcelled. New Big Dwarf is a big winner for table use.

Isbell's New Big Dwarf is a marvel for productivity. Although the plants are of true bush-like form, yet the joints are short and the large clusters like those in the illustration on this page are very numerous. In season this new sort is several days earlier than Ponderosa, making it a medium early. Last season it was among the best to show ripe fruit, and continued in bearing until killed by frost.

Prices, by mail, postpaid: 1 lb., 10c; 1/2 bu., 25c; 1/2 bu., 40c; 2 bu., 75c; 1/2 lb., \$2.50.

ISBELL'S NEW BIG-DWARF.

Ponderosa Fruits on Dwarf Champion Vines

We have introduced in the last fifteen years the following tomatoes:
Isbell's Earlibell, the earliest tomato in cultivation.
Isbell's Alpha Pink, the earliest pink tomato, nearly as early as Earlibell.
Isbell's Colossal, the largest tomato in cultivation.
Isbell's Big Dwarf, the biggest and best of the dwarf sorts.
Isbell's Yellow Colossal, the biggest yellow tomato.
Five kinds. We call this collection of tomatoes "Our Own Tomato Collection."

We will send one package each of the five kinds, valued at 60c, for 50c.

40c; 2 bu., 75c; 1/2 lb., \$1.25; 1 bu., \$1.00.
"I am a critical grower of tomatoes and have carefully tested every new early variety that has been offered by the various seedmen and I find your Earlibell leads them all."
G. W. Jack, Prectorville, Ohio.



Craig LeHoullier, USA



Patrina Nuske-Small, AUSSIE

dwarf tomato project

- **started in 2005, from an online community**
- **crossbreeding dwarves with exciting varieties**
- **both hemispheres collaborating, to double the speed**
- **made to bring equity to gardeners**
- **benefits all gardeners, and not corporations**



Types of tomato plants

dwarf tomato project



open source
seed initiative



Types of tomato plants



Rosella Purple



Eagle Smiley



Adelaide Festival



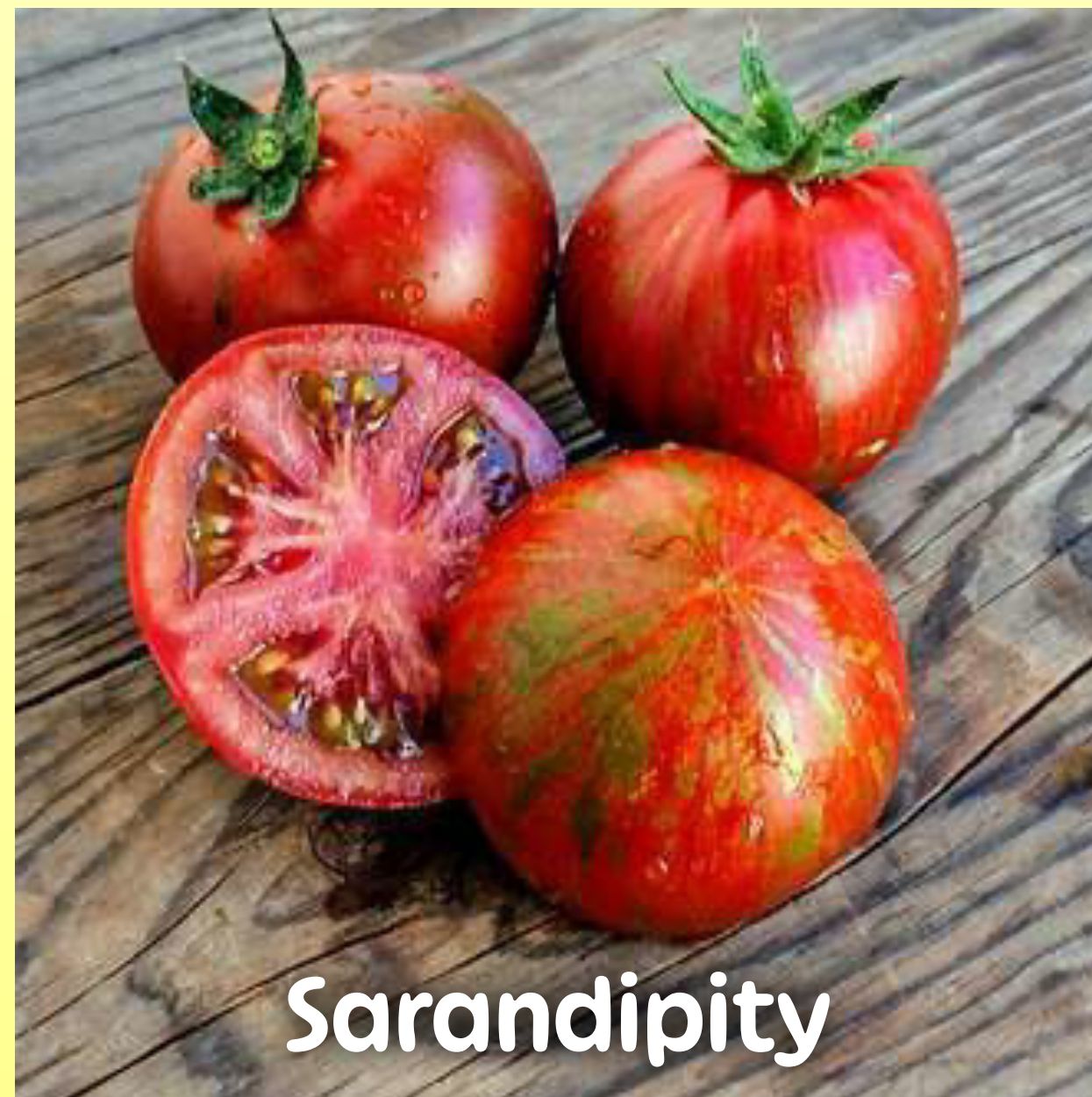
Stony Brook Speckled



Purple Heart



Numbat



Sarandipity



Parfait

indeterminate

determinate

dwarf

micro-dwarf



Types of tomato plants

micro-dwarf

- bred to be tiny, under 2 feet
- strictly cherry tomatoes
- does great indoors and in pots
- friggin' adorable



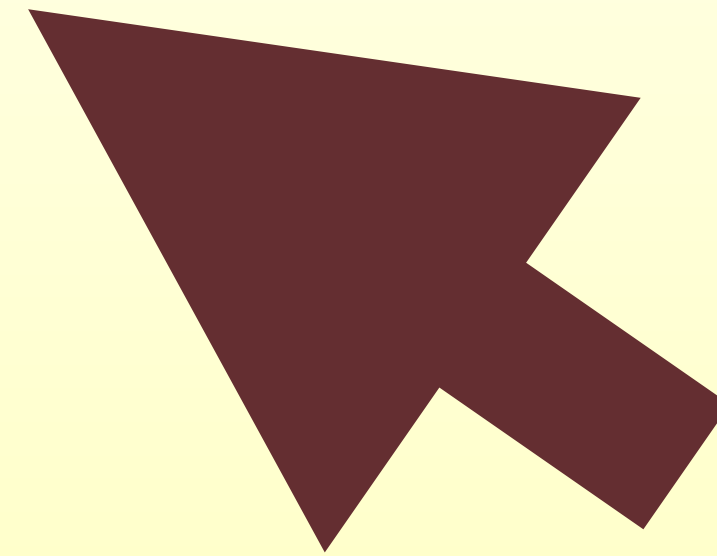
Types of tomato plants

indeterminate

determinate

dwarf

micro-dwarf



**Includes
cherries!**



Types of tomato plants

types of tomatoes



sizes

cherry

saladette

sauce

regular

beef steak



types of tomatoes

colors

red

green

yellow/orange

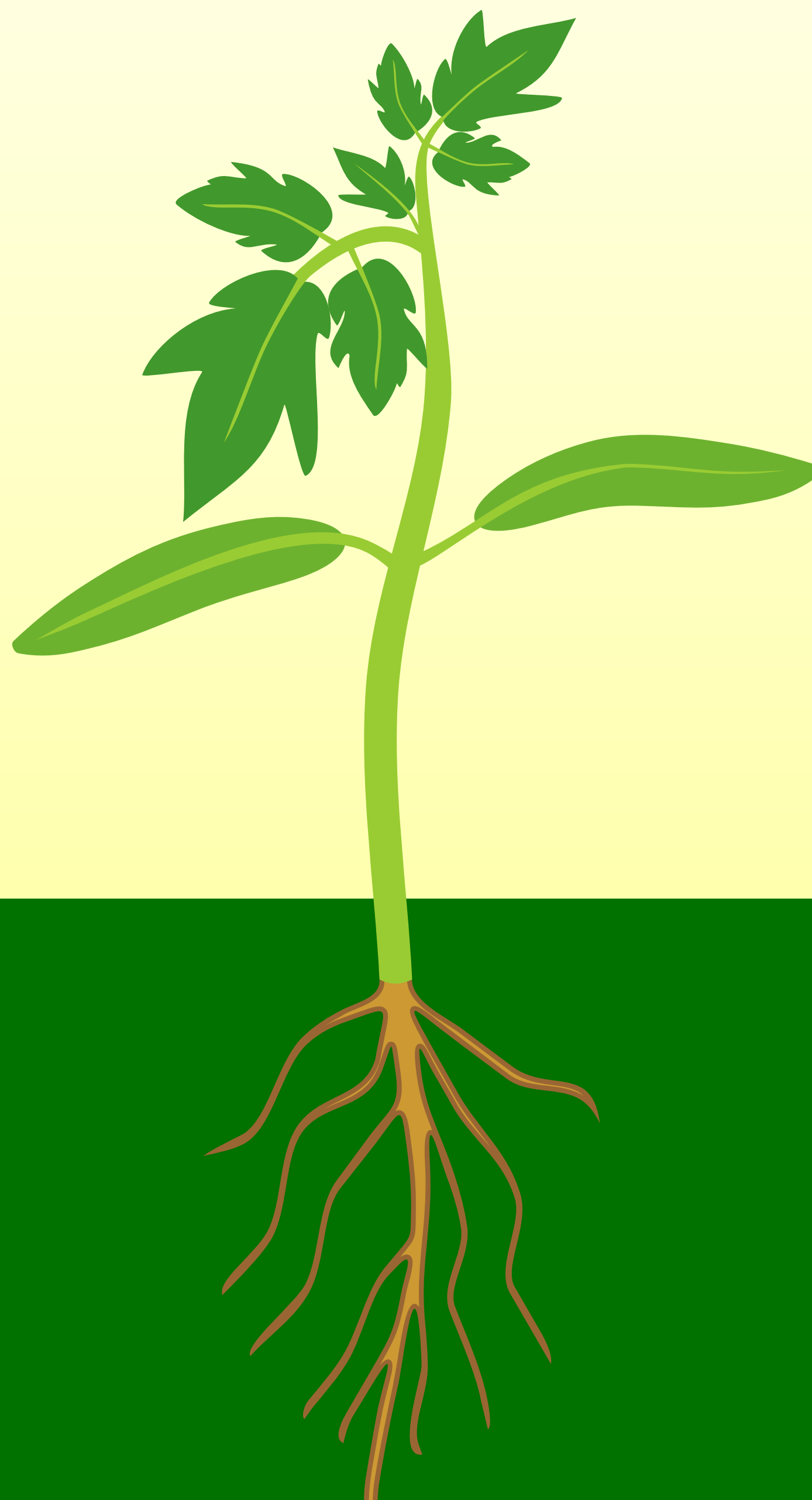
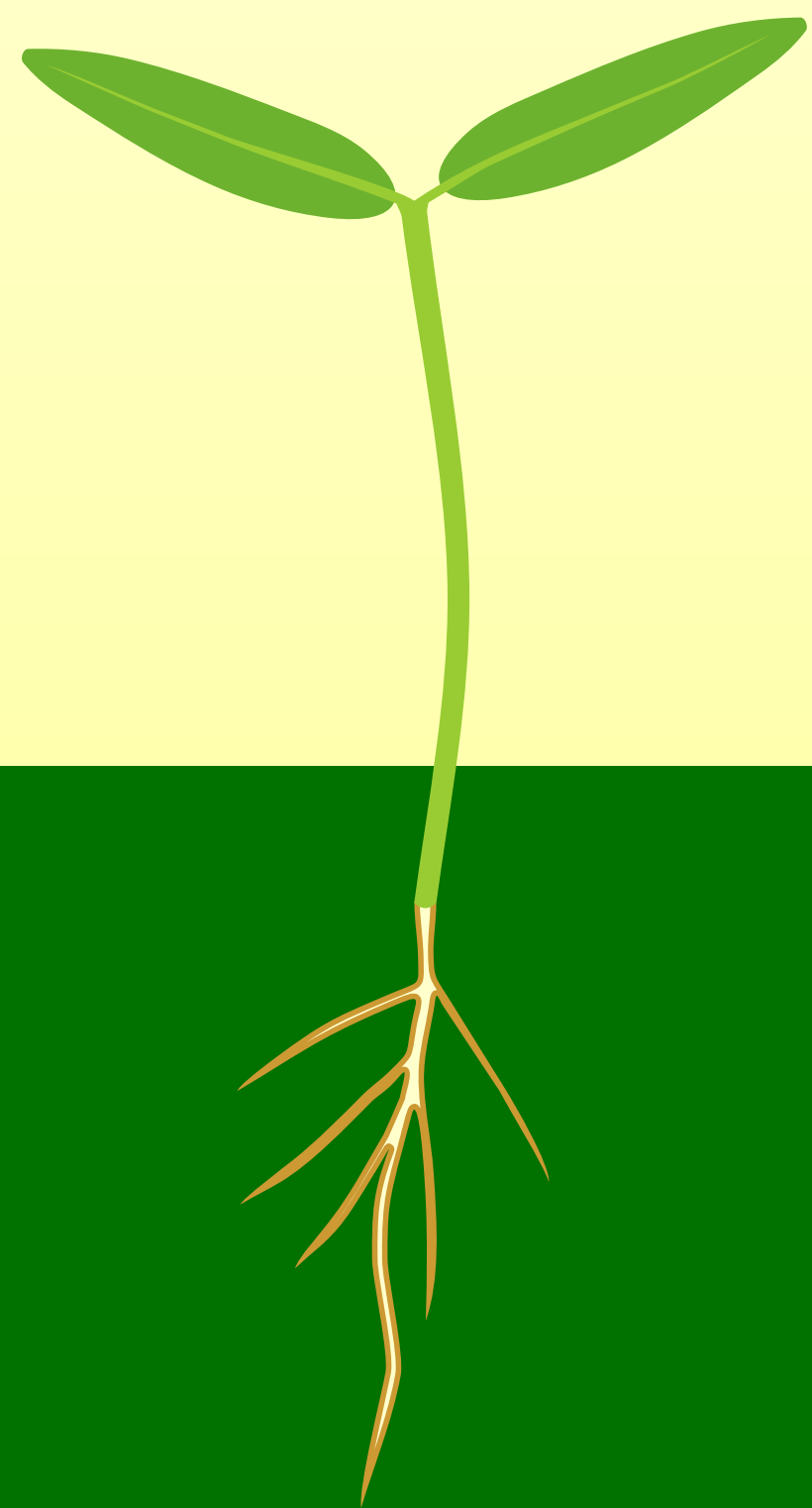
purple/crimson/black



types of tomatoes

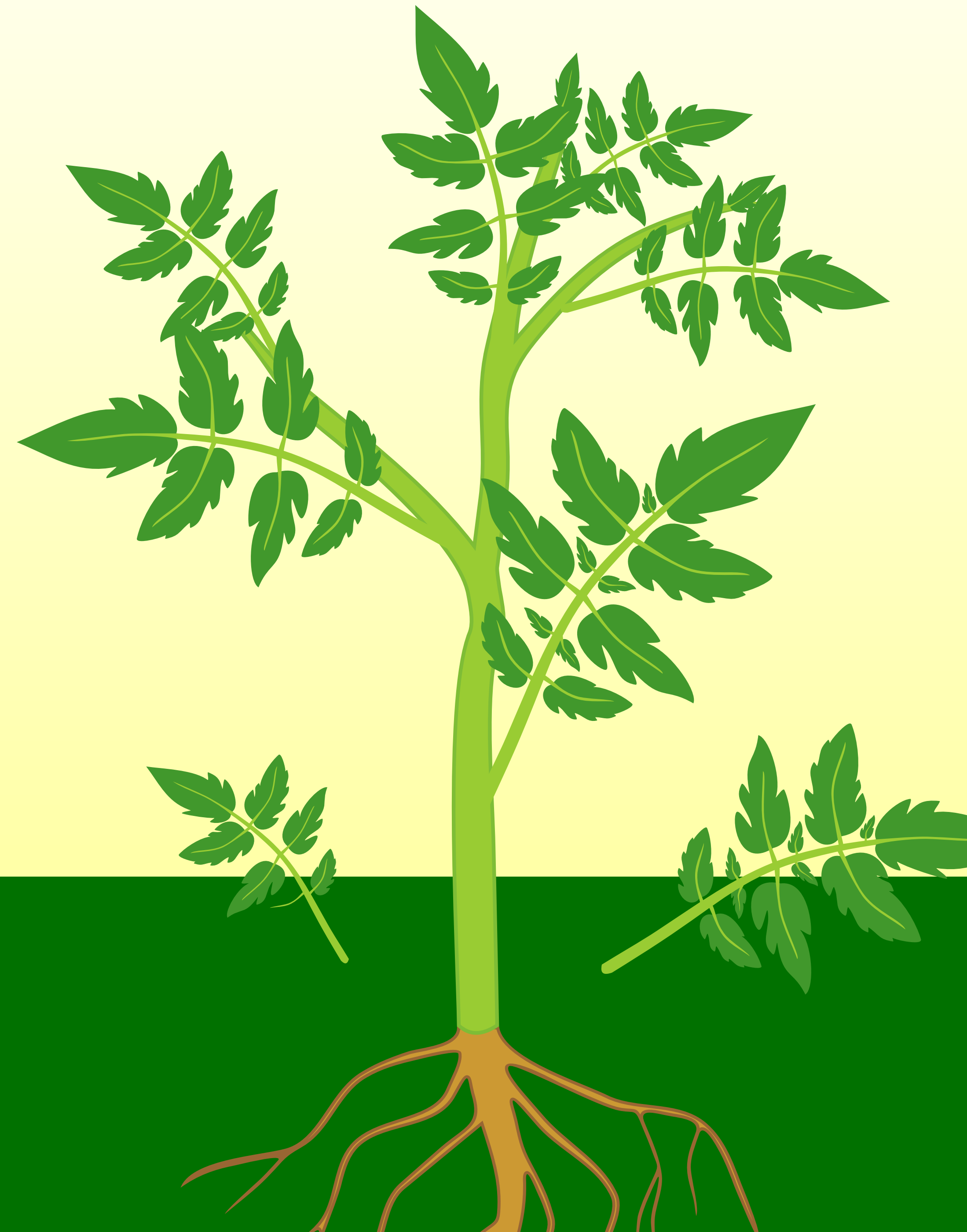
caring for your babies



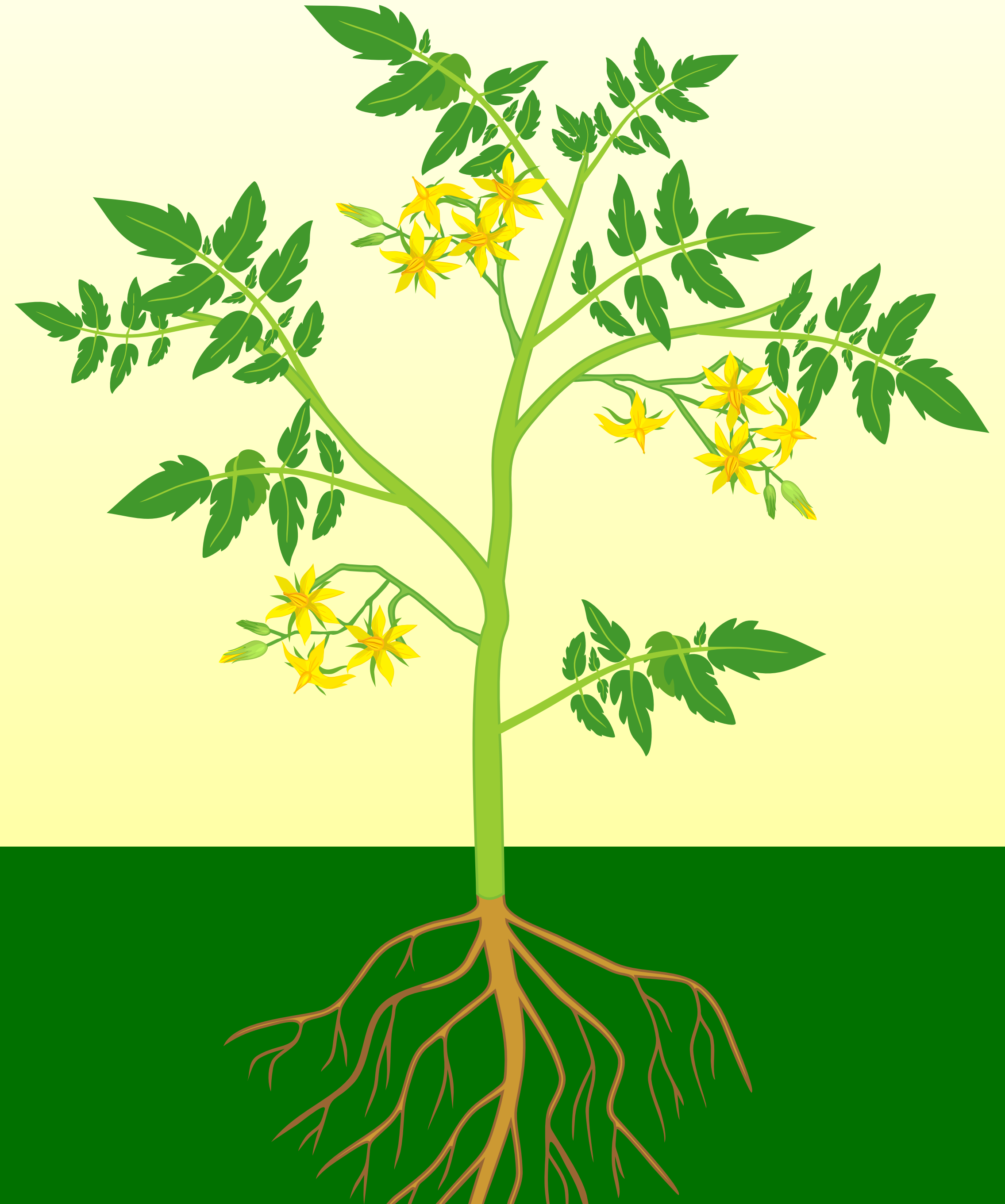
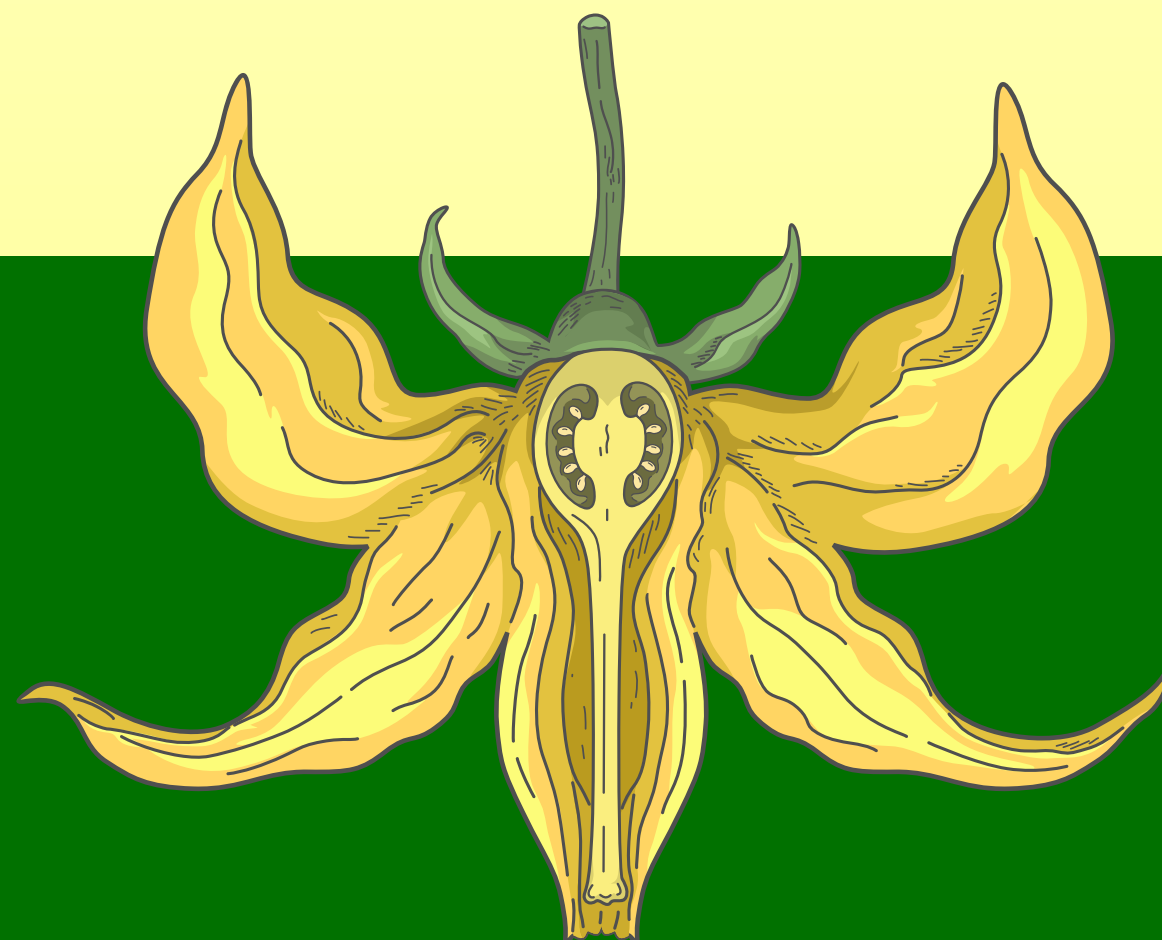




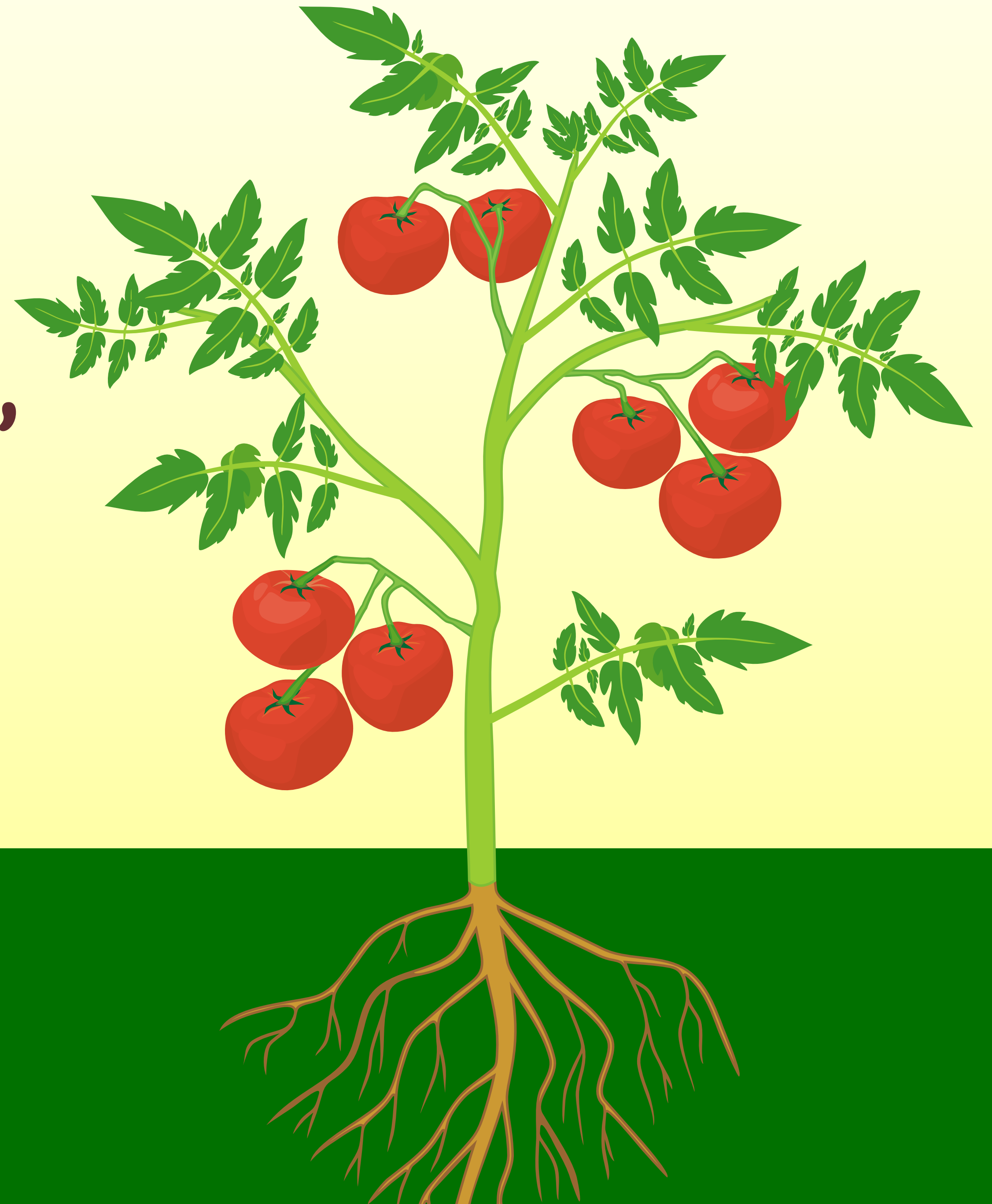
- **Trim the bottom branches**
- **Bury deep**
- **They like dry leaves and moist roots**
- **Water consistently**
- **Don't water the leaves!**



- Give them support
- Feed them compost every 2-3 weeks
- Shake them flowers like a polaroid picture (especially indoors plants!)



- **Fruit can ripen off the vine, if you're having issues with pests**
- **Tell ripeness with your fingers, not your eyes**



selecting your seeds



Name	Growth	Company	Size	Color	Days	Height
Atomic Fusion	Cherry	Wild Boar				
Atomic Sunset	Cherry	Wild Boar				
Benny's Crazy Cherry	Cherry	Rareseeds	cherry	Yellow	75	
Black Cherry	Cherry	Rareseeds	1oz	black	60	
Black Strawberry	Cherry	Rareseeds	1oz	blue/scarlet/gold	80	
Blackgoldchun	Cherry	TomatoFest	Cherry	yellow	75	
Blue Berries	Cherry	Rareseeds	Cherry	purple	?	
Blue Cream Berries	Cherry	Rareseeds	Cherry	yellow, with purple shoulders		
Blush Tiger	Cherry	Rareseeds			75	
Brad's Atomic Grape	Cherry	Wild Boar	Grape	everything		5 feet
Camp Joy	Cherry	TomatoFest	cherry	red		
Candy	Cherry	Renaissance Farms	1-2 inch	yellow/red bi-color		
Christmas Purple	Cherry	Renaissance Farms	grape	purplish/red		
Green Doctors	Cherry	Rareseeds				
Honey Drop	Cherry	Renaissance Farms	cherry	red/or/yellow		
Isis Candy Cherry	Cherry	Wild Boar				
Kryptonite	Cherry	San Diego Seed Co	cherry	blueish-black plum-shaped	70	
Magic Bullet	Cherry	Wild Boar	Cherry		70	
Nape Chardonnay	Cherry	Rareseeds	Cherry			
Purple Bumble Bee	Cherry	Renaissance Farms			75	
Rainbow Cherry	Cherry	Renaissance Farms		rosella purple, but cherry sized		
Roseella Cherry	Cherry	Wild Boar			80	
Tim's Taste of Paradise	Cherry	TomatoFest	Cherry		80	
Wepsipinkon Peach	Cherry	Victory	-1oz	smallest, pea sized - red		
Mexico Midgut	Cherry-poa	San Diego Seed Co				
Brandywine Saladette	Cherry-saladette	Renaissance Farms	saladette	green/red	75	
Dark Striped Sweetheart	Cherry-saladette	Renaissance Farms	2-3oz	green, red stripes	75	
Evil Olive	Cherry-saladette	Renaissance Farms	ping pong ball	yellow/pink bi-color, goes into fell	72	
Little Lucky Heart	Cherry-saladette	Renaissance Farms	4-inch long	yellow banana shaped	75	5 feet
Banana Legs - Organic Hairloom	Determinata	TomatoFest	12-16oz	purple/black		
Black Sea Man	Determinata	Victory		gold		
Gold Nugget	Determinata	Victory			80	3 feet
Siletz	Determinata	Victory		red stripe, tie dye		3 feet
Summertime Green	Dwarf	Victory	6-10oz			2-3 feet
Aelaide Festival dwarf	Dwarf	TomatoFest		red stripe, tie dye	80	4-5 feet
Audrey's Love	Dwarf	Victory	2-7oz	red-brown	80	4-5 feet
Aussie Drop	Dwarf	Victory	6-8oz	deep yellow, red/pink core	75	4 feet
Awesome	Dwarf	Victory	8-12oz	red, gold stripes	70	4 feet
Beauty King	Dwarf	Victory	1-2oz	yellow		4 feet
Bendigo Moon	Dwarf	Victory			70	3.5 feet
Beryl Beauty	Dwarf	Victory	8-14oz	green-amber	75	3-4 feet
Big Green	Dwarf	Victory	4-14oz	Orange	70	4 feet
Bleazing Beauty	Dwarf	Victory	medium-large	pink, dark shoulders	75	3 feet
Boronia Dwarf	Dwarf	Victory	10-16oz	red-purple	60	3 feet
Brandy Free	Dwarf	TomatoFest	2-3oz	chocolate		3 feet
Bundobhg Rumball	Dwarf	Victory	6oz	red	70	3 feet
Bush Early Girl F1	Dwarf	Victory	2-6oz	red, chocolate shoulders	80	4 feet
Chocolate Chameleon	Dwarf	Victory	4-8oz	red, green stripes	80	3-4 feet
Chocolate Lightning Dwarf	Dwarf	Victory	6-12oz	yellow, red swirls	70	5 feet
Choemato	Dwarf	Victory	1oz	yellow	60	4 feet
Desert Star	Dwarf	Victory	1oz	golden	85	3 feet
Eagle Smiley	Dwarf	Victory	8-16oz	green	75	3 feet
Emerald Giant	Dwarf	Victory	medium	red, yellow-stripe	75	3 feet
Firebird Sweet	Dwarf	Victory	5-6oz	purple/gold/green		3 feet
Fred's Tie Dye	Dwarf	Victory		purple and pink		3 feet
Gloria's Treat	Dwarf	Victory	cherry	canary yellow, pink inside	78	4 feet
Godwana Thunder	Dwarf	Renaissance Farms	8-10oz	Deep purple and yellow	85	3 feet
Goldfish	Dwarf	Victory	2-5oz	Deep purple and pink	88	3 feet
Godwana Moon	Dwarf	Victory	2-5oz	scarlet red	80	2.5 feet
Godwana Rose	Dwarf	Victory	8-20oz			
Kodiak King	Dwarf	Victory				
Kookaburra Cockle Dwarf	Dwarf	Renaissance Farms	3 inch	long, deep yellow	75	?
Laura's Bounty Yellow	Dwarf	Victory	medium-large	red, green stripes		
Metallica	Dwarf	Victory	cherry pear	yellow, black shoulders	65	2-4 feet
Mignonne	Dwarf	Victory	1oz	Deep purple	90	2-2.5ft
Mocha's Cherry	Dwarf	Victory			70	3 feet
Mr. Snow	Dwarf	Victory	8-12oz	pink		?
	Dwarf	Victory	3oz	green, yellow stripes		
	Dwarf	Victory		green with orange core		



75d
6-12oz
4ft

ROSELLA PURPLE (D)

PURPLE



Name	Growth	Company	Size	Color	Days	Height
Atomic Fusion	Cherry	Wild Boar				
Atomic Sunset	Cherry	Wild Boar				
Barry's Crazy Cherry	Cherry	Rareseeds	cherry	Yellow	75	
Black Cherry	Cherry	Rareseeds	1oz	black	60	
Black Strawberry	Cherry	Rareseeds	1oz	blue/scarlet/gold	80	
Blondkopfchen	Cherry	Rareseeds	Cherry	yellow	75	
Blue Berries	Cherry	TomatoFest	Cherry	purple	?	
Blue Cream Berries	Cherry	Rareseeds	Cherry	yellow, with purple choulders		
Blush Tiger	Cherry	Rareseeds			75	
Brad's Atomic Grape	Cherry	Rareseeds	Grape	everything		
Camp Joy	Cherry	Wild Boar	cherry	red		6 feet
Candy	Cherry	TomatoFest	1-2 inch	yellow/red bi-color		
	Cherry	Renaissance Farms	grape	purple/red		
	Cherry	Renaissance Farms				



**let's play in
the dirt!**