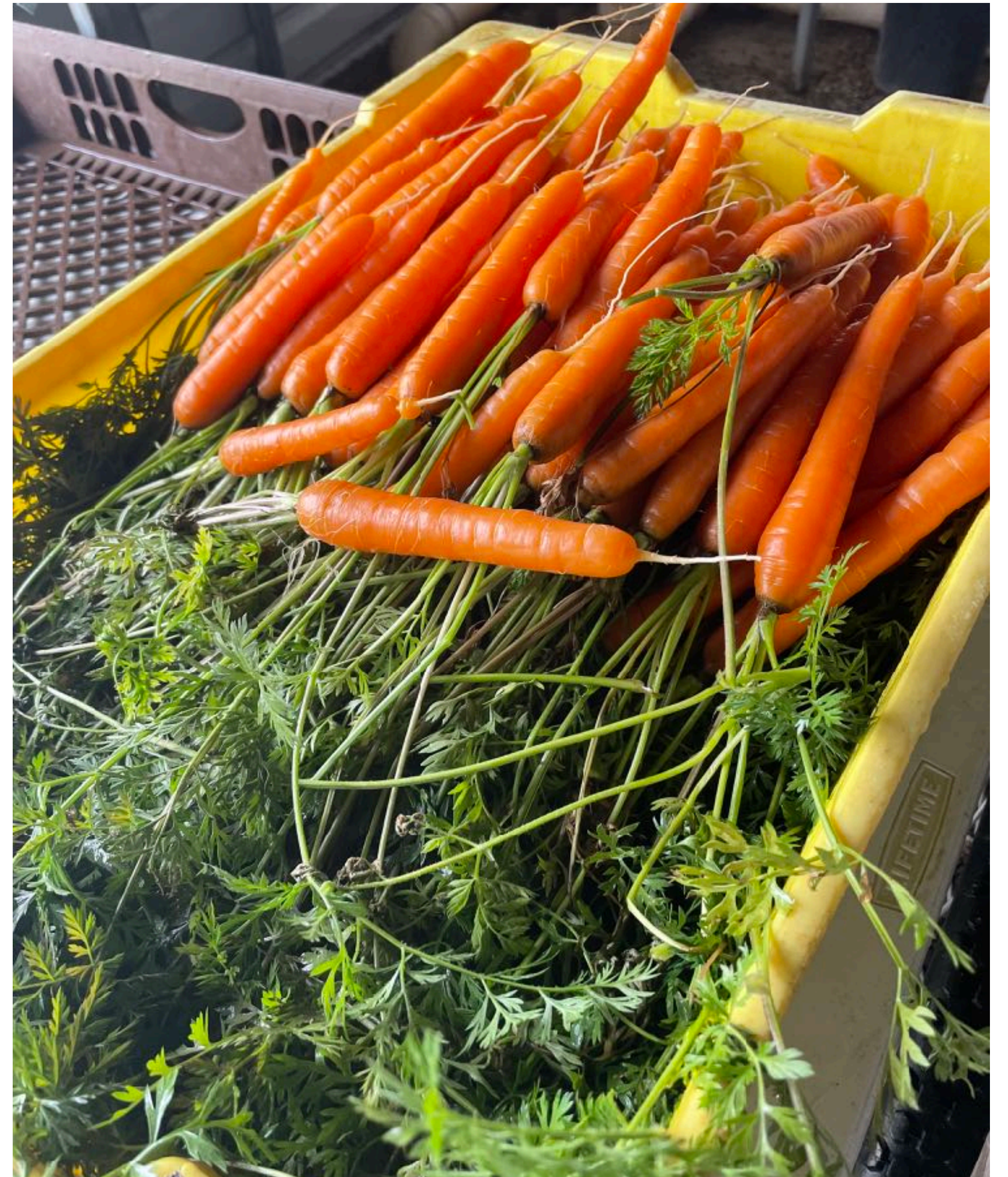


Growing the Right Plants at the Right Time in the Right Place

Presenter: Ricky Seiler
BetterTogether Farm
Davis, OK



**Share the name of a veggie you
would like to grow better.**





2023

BETTER
TOGETHER
FARM



It's a seed

It's a seed

It's a tiny little seed.

Put it down

in the ground

and a miracle you'll see.

It's a seed

It's a seed

It's a tiny little seed.

Put it down

in the ground

and a miracle you'll see...*depends*.


Easy to Grow

Quality Non-Hybrid Seeds.
Open-pollinated with excellent
germination rates!

GARDENERS  BASICS™

**“If the weather ain’t swell,
it ain’t growin’ well.”**

**Famous Oklahoma Sayin’
(I just made up)**



DON'T YOU FIND
IT STRANGE THAT
BOB NEVER CAME
BACK FROM FLORIDA?!



Bush form of famous Blue Lake pole bean.
Delicious pods 6" long have white seeds.



FULL SUN
(6+ HOURS)

58 DAYS TO HARVEST

12" = 5
CONTAINER PLANTS
(OR PLANT IN GROUND)



DEPTH: **1 in.**
PROFUNDIDAD:
2,5 cm



THIN: **6 in.**
SEMILLAS DELGADAS:
15,2 cm

DIRECT SOW SCHEDULE



June-July
jun-jul

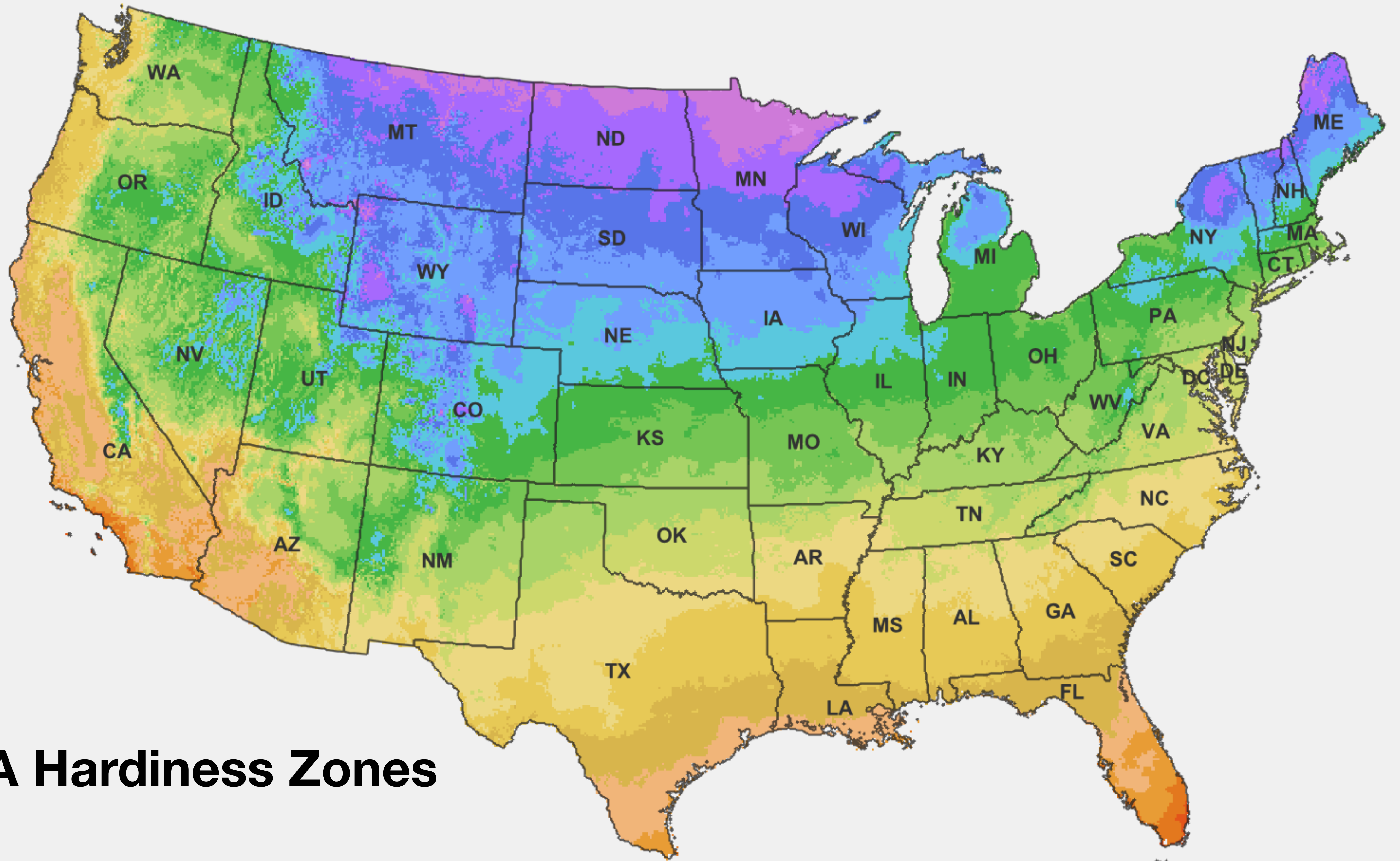
May-July
may-jul

Apr-Aug
abr-ago

Mar-Sept
mar-sep

SOW in average soil in full sun after danger of frost, spring to early summer. In rows 18-30" apart, sow seeds about 3" apart and cover with

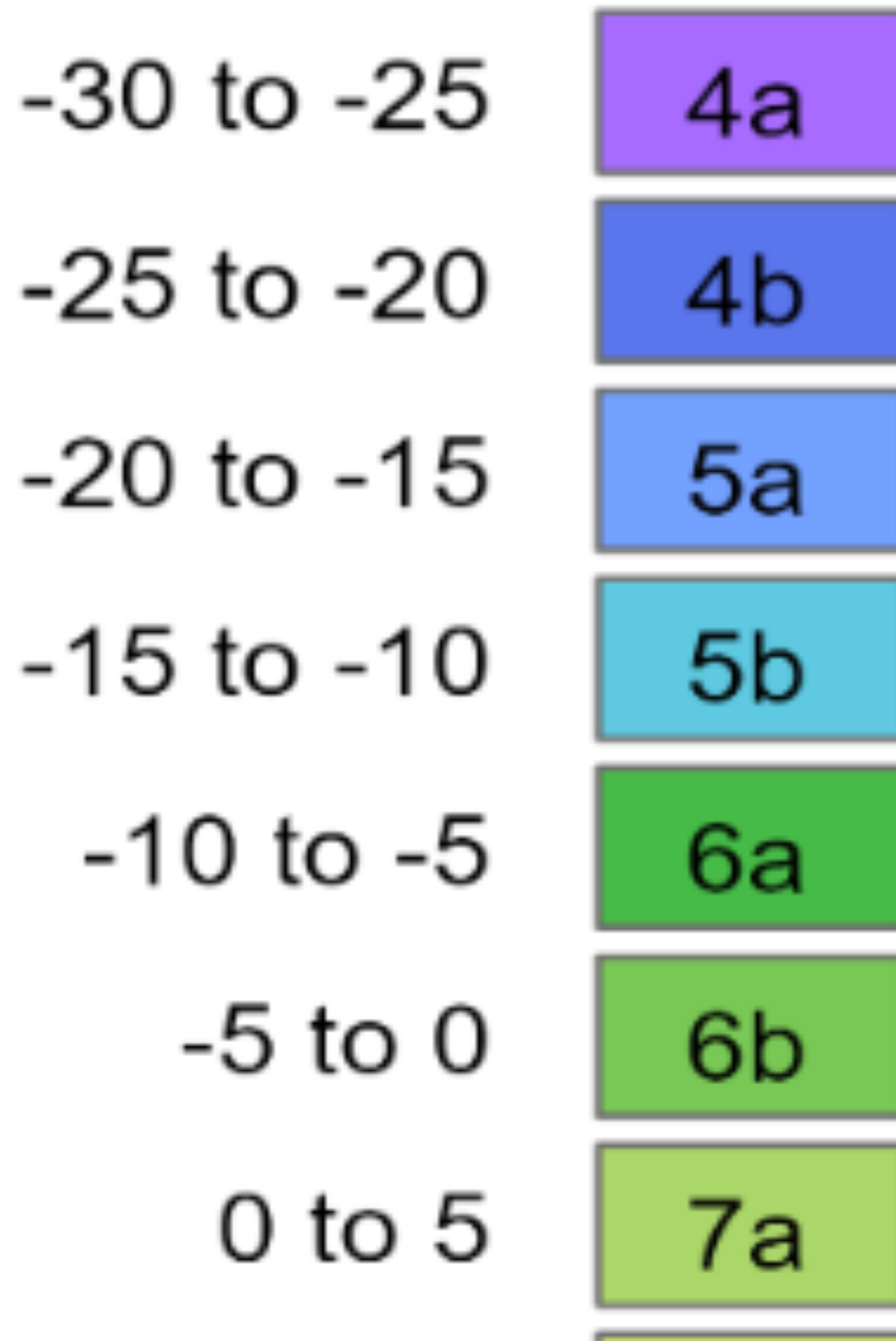
55369
1



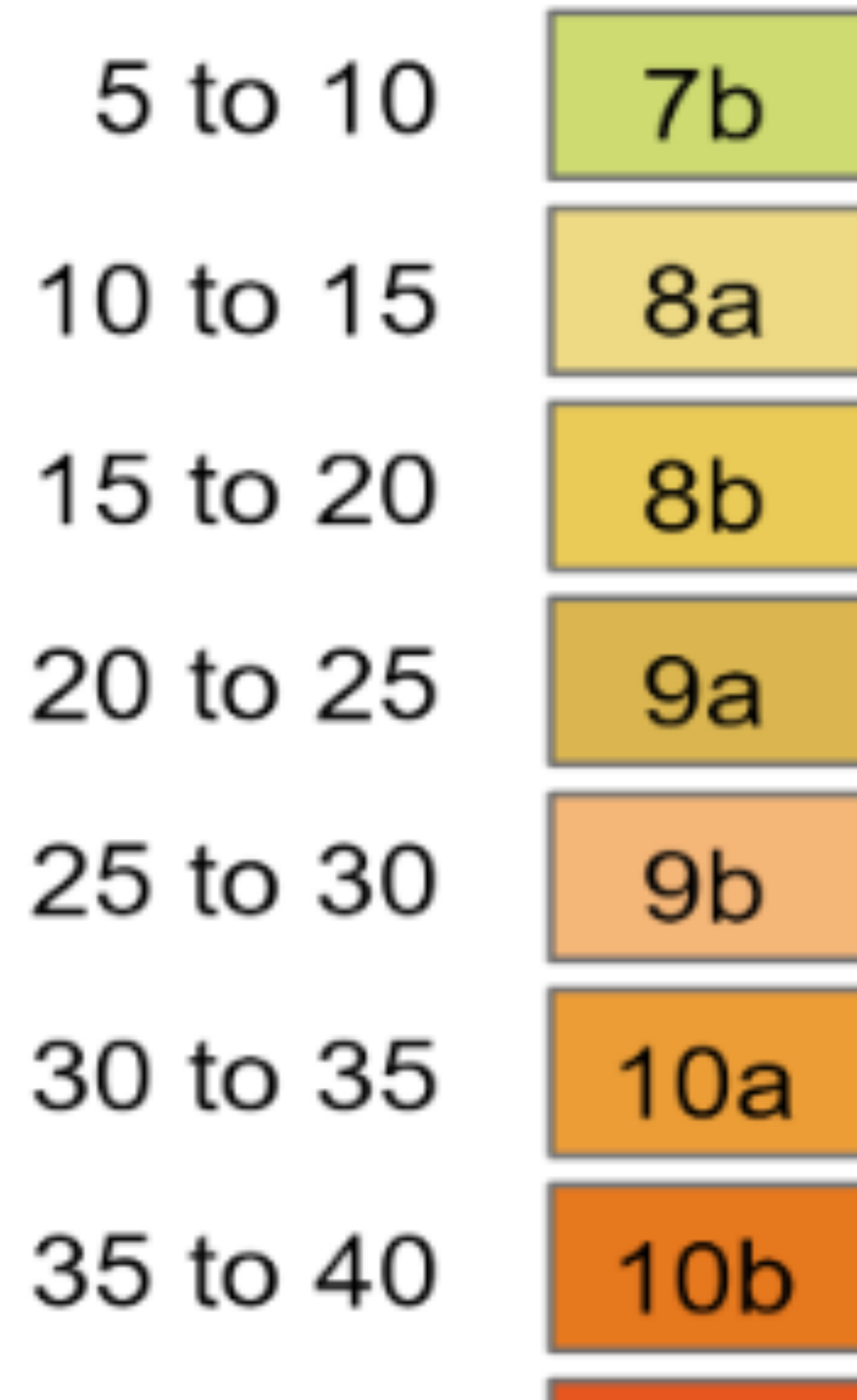
USDA Hardiness Zones

Min. Average Low Temps

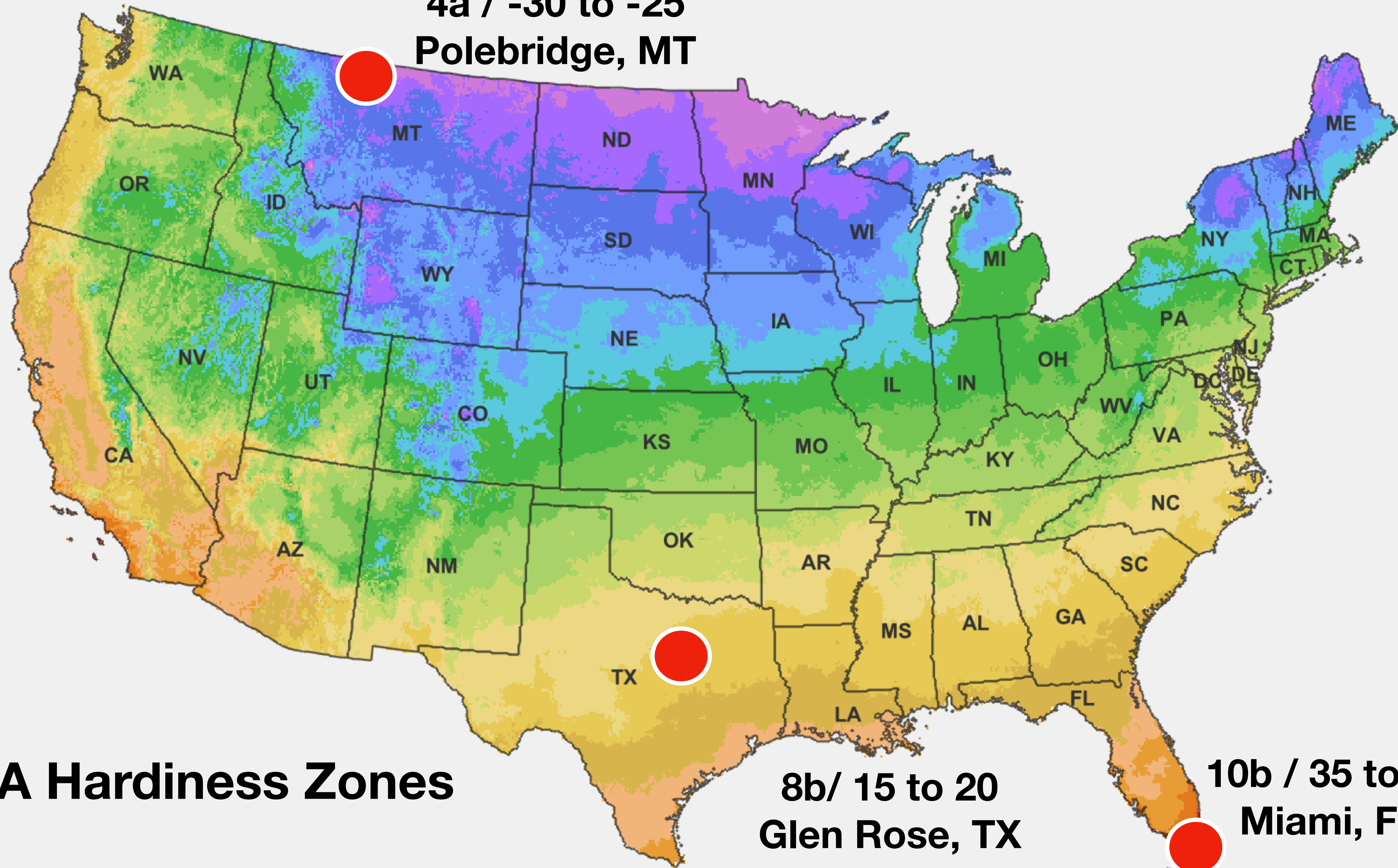
Temp F



Temp F



**4a / -30 to -25
Polebridge, MT**



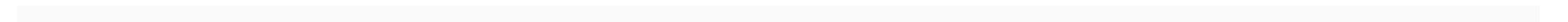
USDA Hardiness Zones

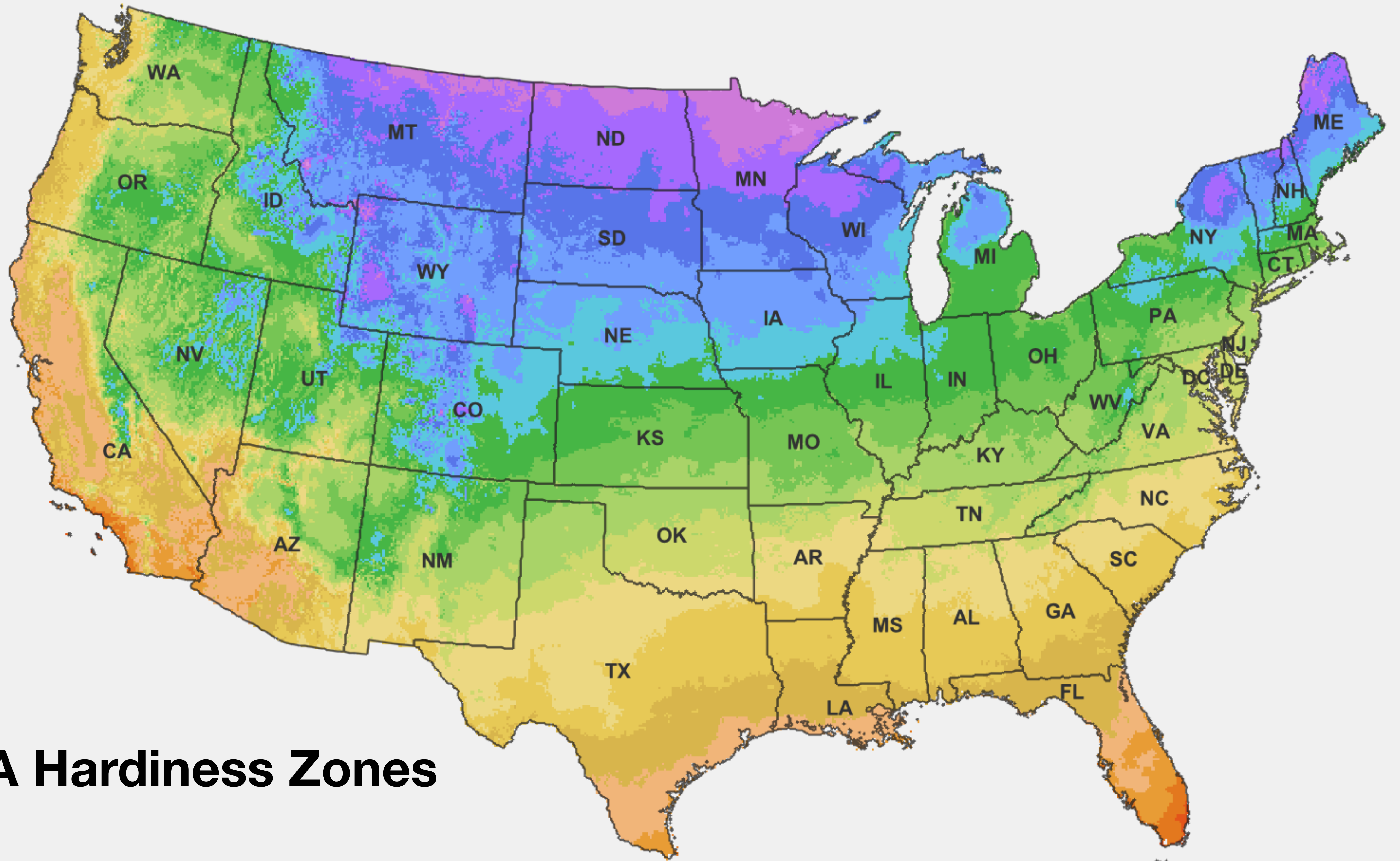
**8b/ 15 to 20
Glen Rose, TX**

**10b / 35 to 40
Miami, FL**

Heroic Growing

Oranges in Montana?





USDA Hardiness Zones

Min. Average Low Temps

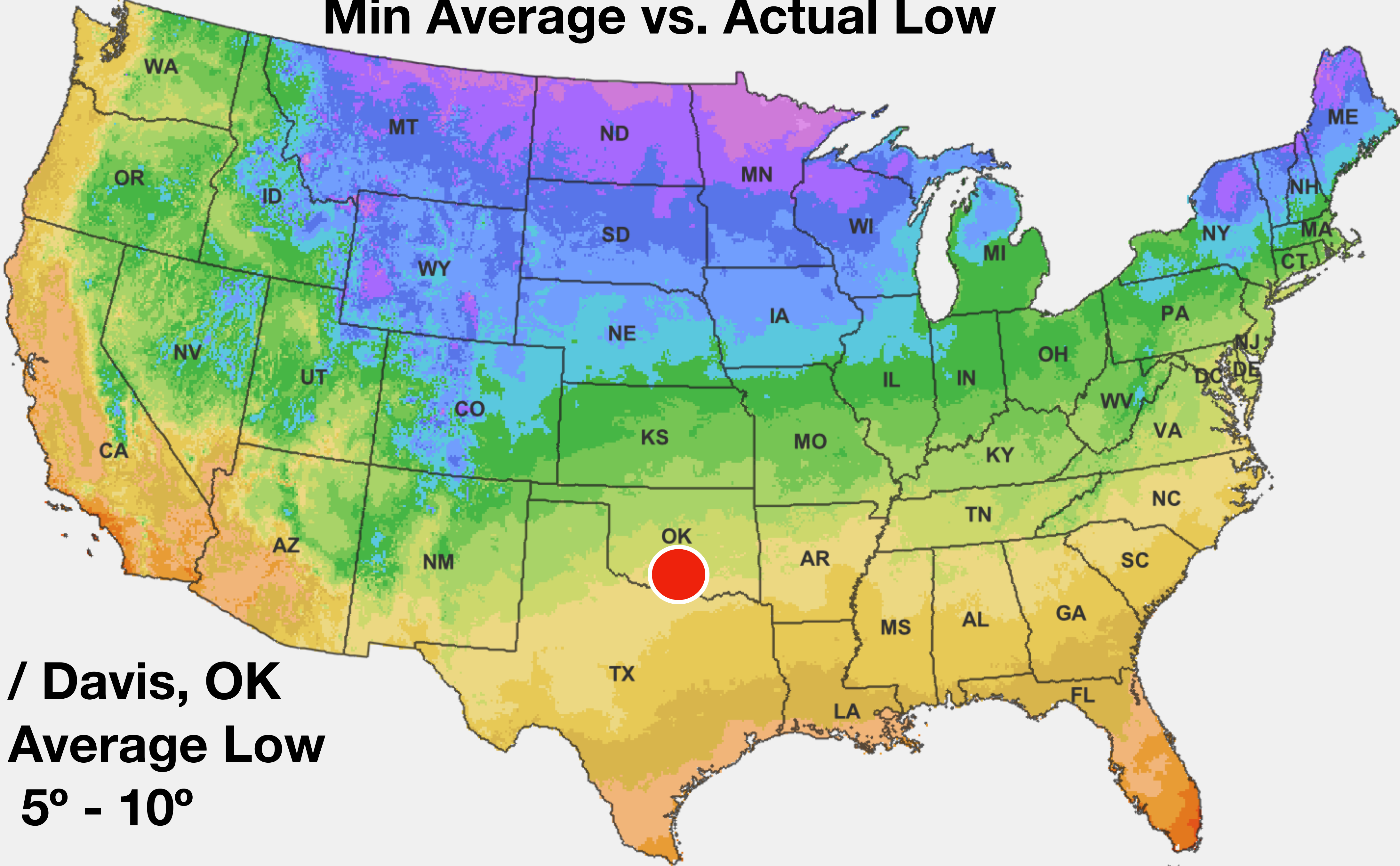
Temp F

-30 to -25	4a
-25 to -20	4b
-20 to -15	5a
-15 to -10	5b
-10 to -5	6a
-5 to 0	6b
0 to 5	7a

Temp F

5 to 10	7b
10 to 15	8a
15 to 20	8b
20 to 25	9a
25 to 30	9b
30 to 35	10a
35 to 40	10b

Min Average vs. Actual Low

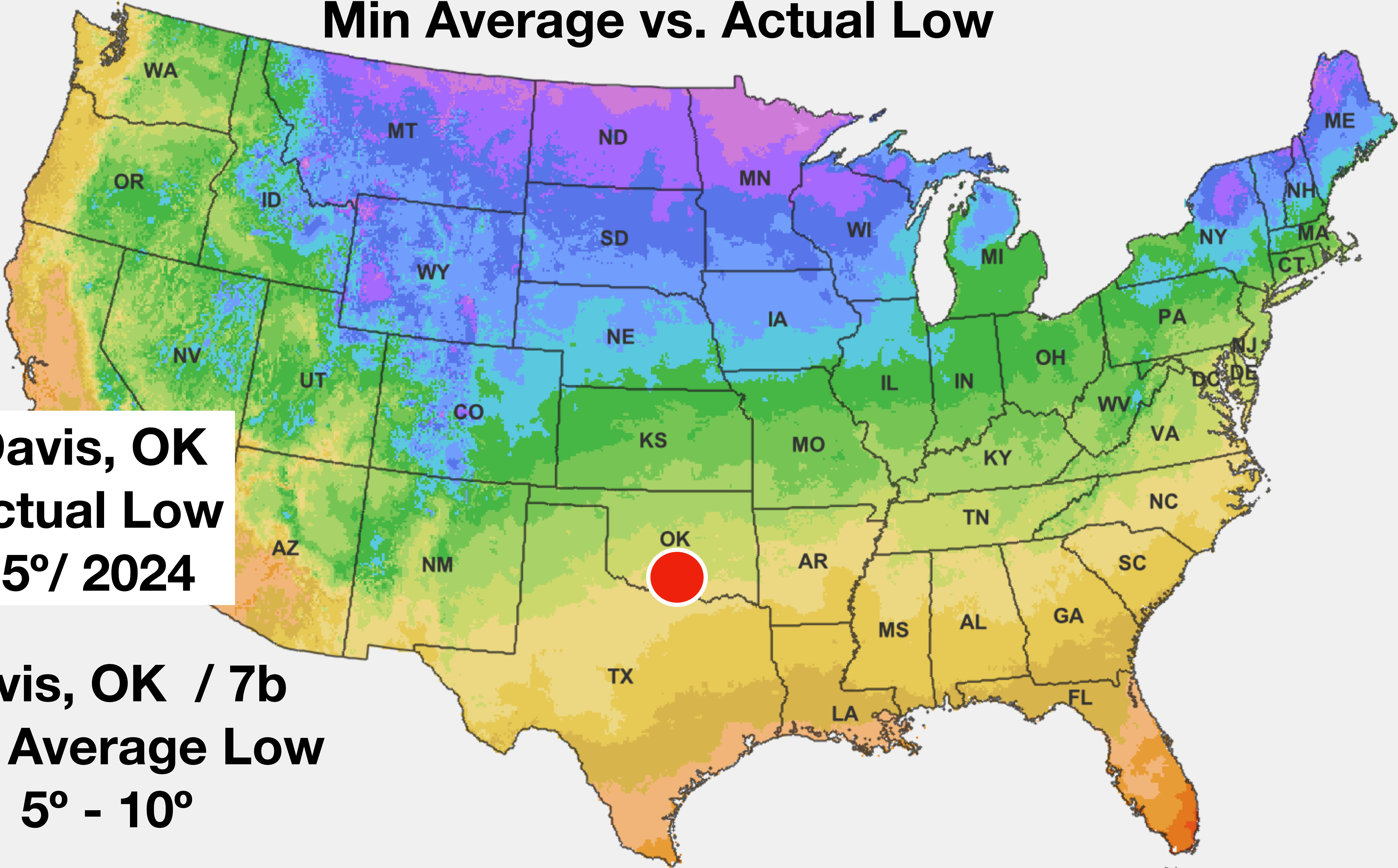


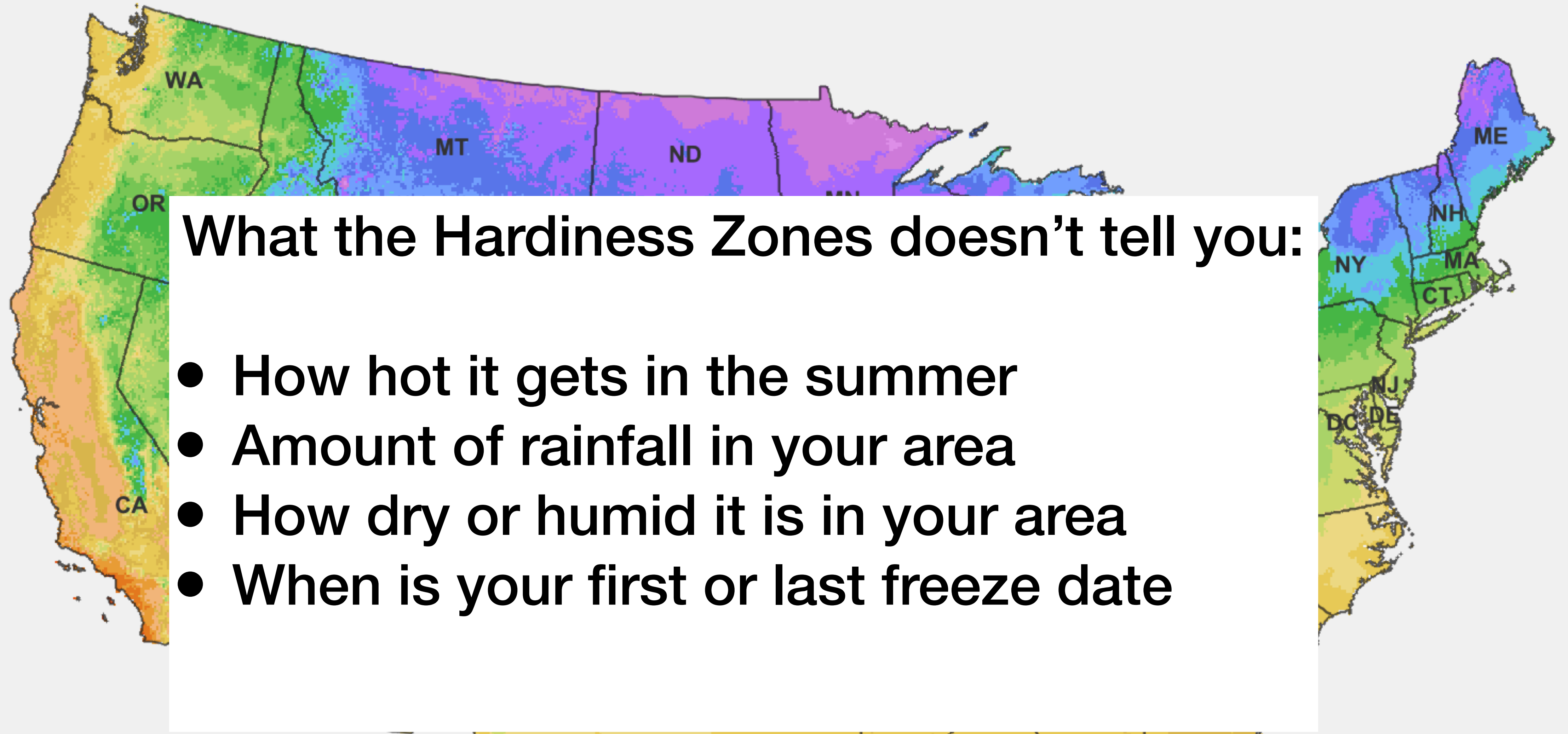
7b / Davis, OK
Min. Average Low
5° - 10°

Min Average vs. Actual Low

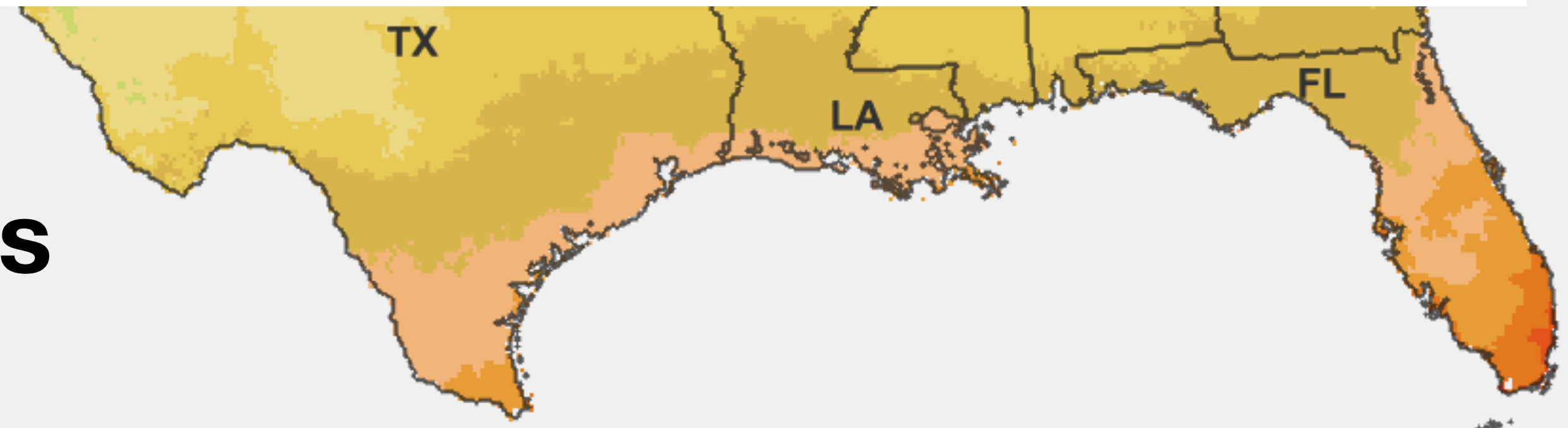
**Davis, OK
Actual Low
-5° / 2024**

**Davis, OK / 7b
Min. Average Low
5° - 10°**

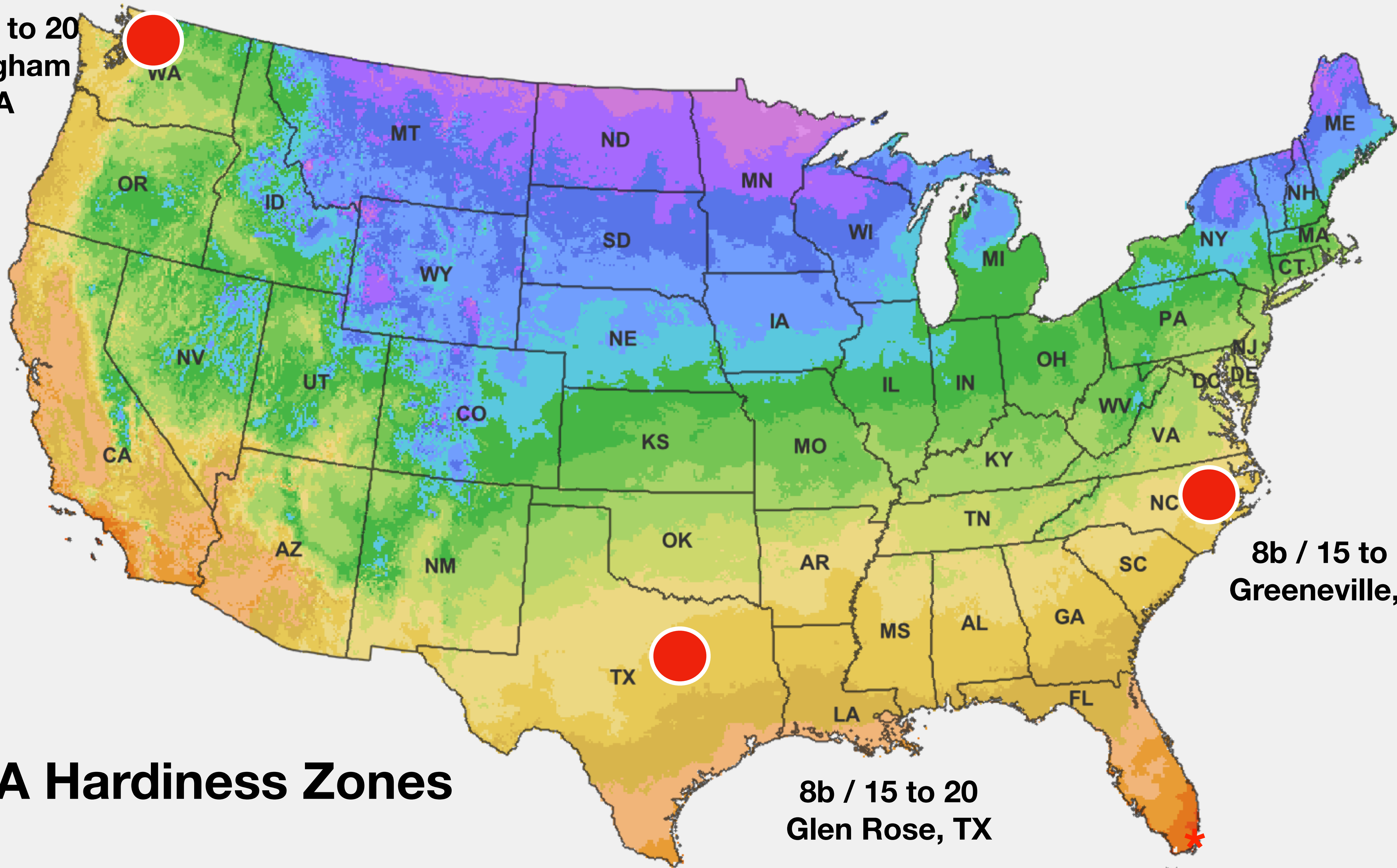




USDA Hardiness Zones



8b / 15 to 20
Bellingham
WA



8b / 15 to 20
Greenville, NC

8b / 15 to 20
Glen Rose, TX

USDA Hardiness Zones

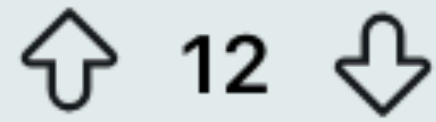


r/gardening • 4 yr. ago
TheCordialMutiny



Is zone 8 the ideal growing zone?

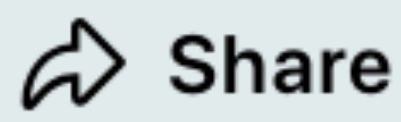
If I had the luxury of choosing where to move based on growing zone, I think I might choose zone 8. From my research, it seems like you can grow the widest variety of foods you would find in a grocery store in that zone, including both cold hardy trees like apple, peach, and pear, along with warm weather ones like some citrus and most nuts. And an annual garden should do well in zone 8 as well. Obviously there are a whole host of possibilities that come from a truly tropical climate, but it seems like with zone 8 you keep the possibility of almost all colder weather crops and gain access to some widely loved warm weather crops. Thoughts on this theory? Any other proposals for the ideal growing zone?



12



13



Share

+ Add a comment



SvengeAnOsloDentist • 4y ago

USDA hardiness zones are solely based on the lowest temperature in the winter, and don't tell you anything else about the climate.

7 Reply Award Share



NotInnocentBystander • 4y ago

Yeah, technically Phoenix and Miami are in the same zone but the gardening is VERY different.

12 Reply Award Share



SvengeAnOsloDentist • 4y ago

Not only that, they're in the same zone as the northernmost tip of Scotland

8 Reply Award Share



NotInnocentBystander • 4y ago

Sometimes I don't know why I even bother using those zones, especially when picking plants for Florida. The fact that the plant can't survive below 40°F doesn't mean it will enjoy 90°F. I'm learning that the hard way. Hopefully this year will be better.

4 Reply Award Share

**Any time you get growing advice
(online, in a book, in a dark alley, here
at the conference) always, always ask
yourself this question: “*where is this
person growing?*”**

Tale of 3 (8b) Cities

Bellingham, WA

Jan Temps
47° / 36°

July Temps
74° / 54°

Yearly Rainfall
39"

Glen Rose, TX

Jan Temps
58° / 27°

July Temps
98° / 69°

Yearly Rainfall
35"

Greenville, NC

Jan Temps
54° / 35°

July Temps
90° / 72°

Yearly Rainfall
50"

Okra

Right Time & Right Place

- Germinates best Temps 70-90
- Evening Temps of 60 or higher
- Day Temps 85 or higher
- Grows even at over 100
- Which 8b city would it grow best



Tale of 3 (8b) Cities

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July Temps
98° / 69°

Yearly Rainfall
35"

Greenville, NC

Jan Temps
54° / 35°

July Temps
90° / 72°

Yearly Rainfall
50"

Spinach

Right Time & Right Place

- Germinates and grows best
Temps 55 -75
- Humidity 50-70%
- “Bolts” Day Temps 80 or
higher



Tale of 3 (8b) Cities

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35"

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54° / 35°

July Temps
90° / 72°

Yearly Rainfall
50"

Cool Weather Vegetables (High Temps / 60-75 degrees)

- Lettuce
- Kale
- Beets
- Spinach
- Carrots
- Broccoli
- Radishes
- Peas Etc...



Warm Weather Vegetables (High Temps / 80-90 degrees)

- Peppers
- Tomatoes
- Cucumbers
- Squash
- Green Beans
- Corn
- Watermelon
- Eggplant Etc...



Hot Weather Vegetables

(High Temps / 85-100+ degrees)


- Okra
- Sweet Potatoes
- Black-eye Peas
- Cow Peas
- Purple Hull Peas
- Tomatillos
- Zinnias (flower) Etc...



**Any time you get growing advice
(online, in a book, in a dark alley, here
at the conference) always, always ask
yourself this question: “*where is this
person growing?*”**

Iowa Transplant

Understanding High Temperature Effects on Fruit Set of Tomatoes

APRIL 26, 2016 - INCLUDED IN ISSUE:  [611](#)

BY: [WENJING GUAN](#)

Maintaining temperature in the ideal range is very important for tomato fruit set. The optimum temperatures are 60-75°F (night) and 60-90°F (day) that exposing plants to 3-h periods of temperatures above 104°F on two successive days may caused fruit set failure. Not only is the maximum temperature for fruit set, maintaining night temperature in the ideal range is also essential. Effects of high temperature on fruit set are primarily on the stamen development, which occurs about nine days before flowers open. High temperatures also affects flower structure by causing stigma exertion from successfully landing on the stigma (Figure 1). After pollination, pollen germination can be severely reduced at temperatures above 100°F.

Preventing temperatures from reaching the extremely high level is important in high tunnel tomato production. Since biomass production and

“...exposing plants to 3-h periods of temperatures above 104°F on two successive days may cause fruit set failure.”

Understa

APRIL 26, 2016 -

BY: WENJING GU

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that exposing pl
for fruit set, mai

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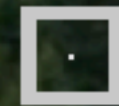
ight) and 60-90°F
only is the maxima
primarily on the sta

Preventing temperatures from reaching the extremely high level is important in high tunnel tomato production. Since biomass production an



Joe's Gardens

Bellingham, WA



“Find someone in your area who is growing good vegetables and learn from them.”

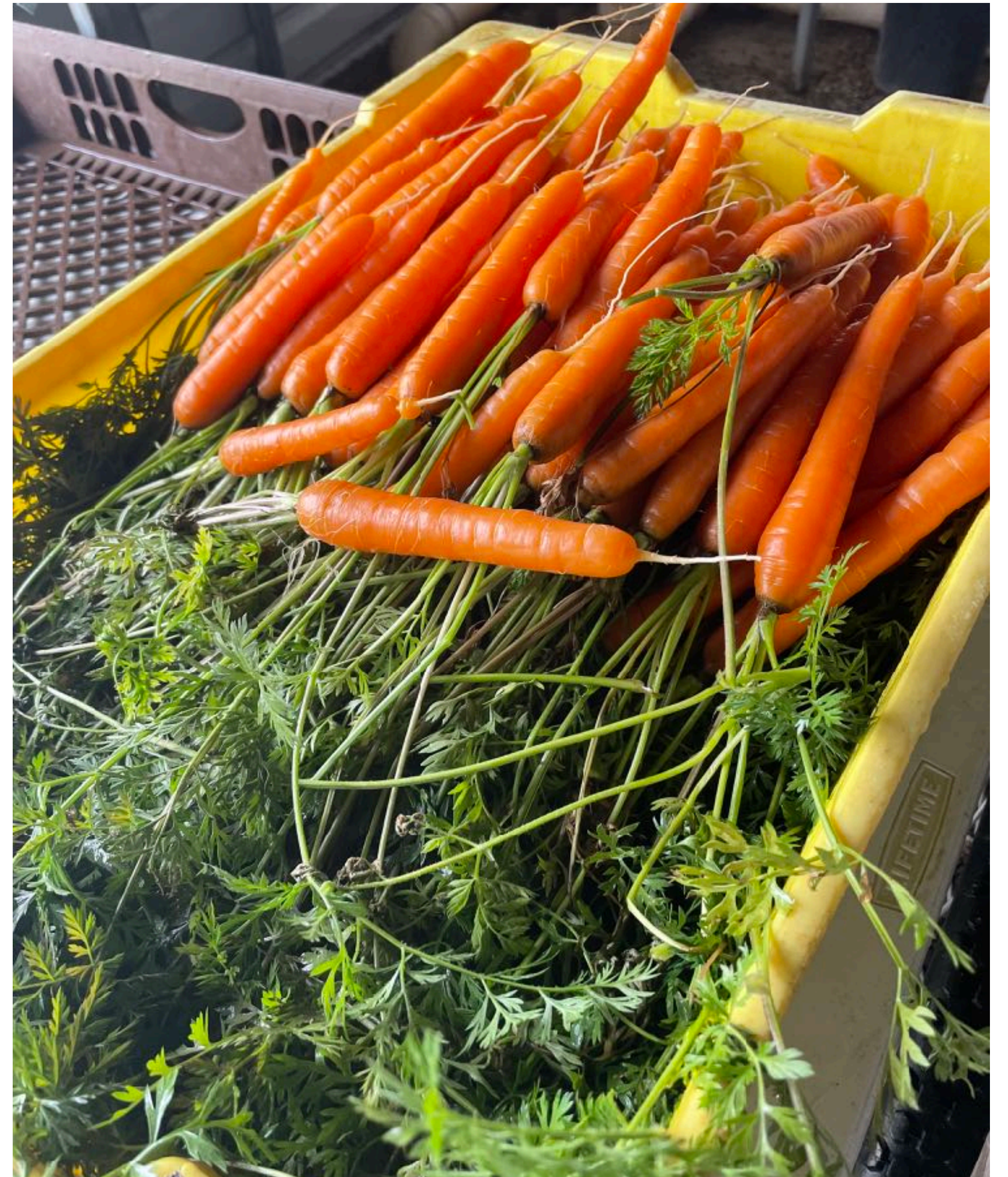
-Jason, Co-owner of Joe's Garden

Joe's Gardens

Bellingham, WA

Growing the Right Plants at the Right Time in the Right Place...

...is best learned
from someone who
grows in your neck of
the woods.



Success



what people think
it looks like

Success



what it really
looks like

Questions?