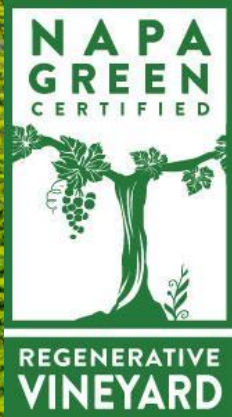


# GROWING REGENERATIVE VITICULTURE







# The Power of Legume Cocktails

	N	\$ N	18-46-0	\$ P	0-0-60	\$ K	Total \$\$
May 20	75	\$83.25	65	\$74.10	177	\$134.52	\$291.87
June 4	114	\$126.54	122	\$139.08	267	\$202.92	\$468.54
June 8	262	\$290.82	189	\$215.46	610	\$463.60	\$969.88
July 24	52	\$57.72	33	\$37.62	32	\$24.32	\$119.66

Cocktail cost = \$33/a

N = \$1.11/lb

P = \$1.14/lb

K = \$0.76/lb

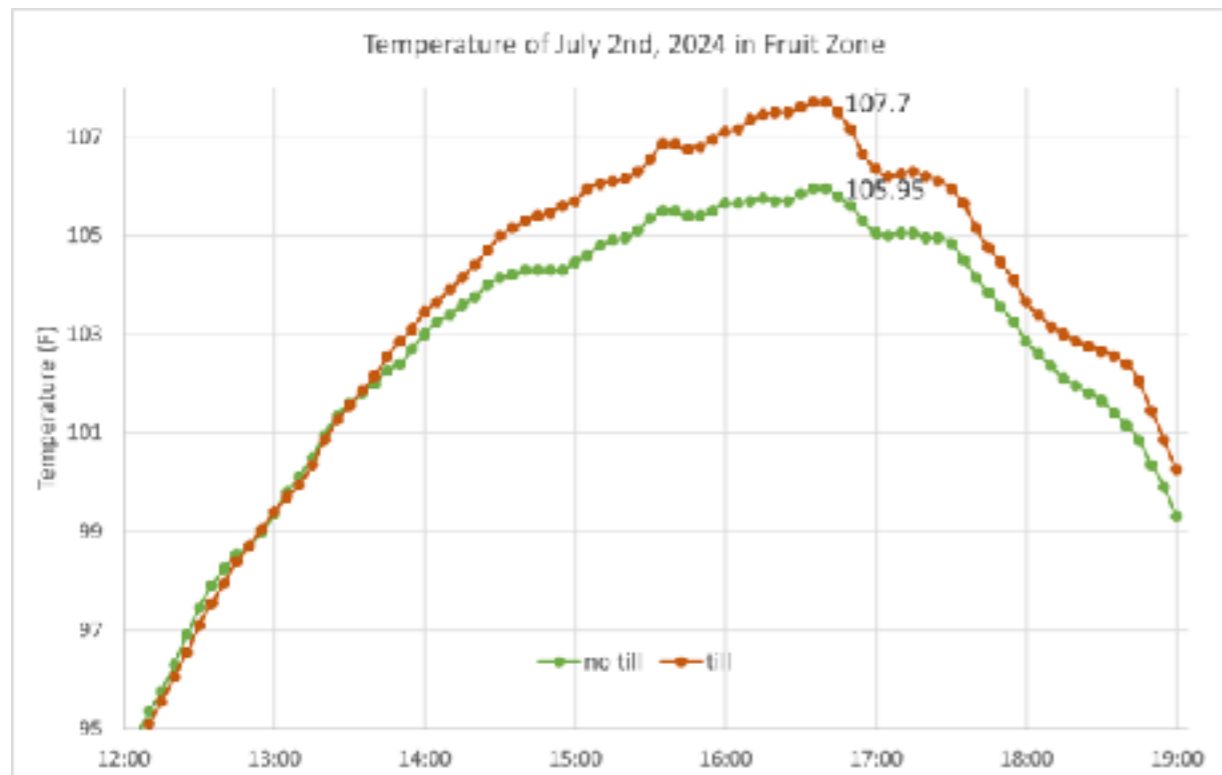
August 1, 2022

This slide courtesy of Rick Clark, Clark Land and Cattle, Bridgeport Indiana  
[Rick@farmgreen.land](mailto:Rick@farmgreen.land), on Instagram @farmgreen13



# Regenerative Practices: Tillage & Cover cropping

- presence of cover crops, improved infiltration, soil aggregate stability, and soil health — increased carbon, save water, cool canopy & fruit
- Initiating longterm trials assessing impacts of no-till on heat stress, water and nutrient availability



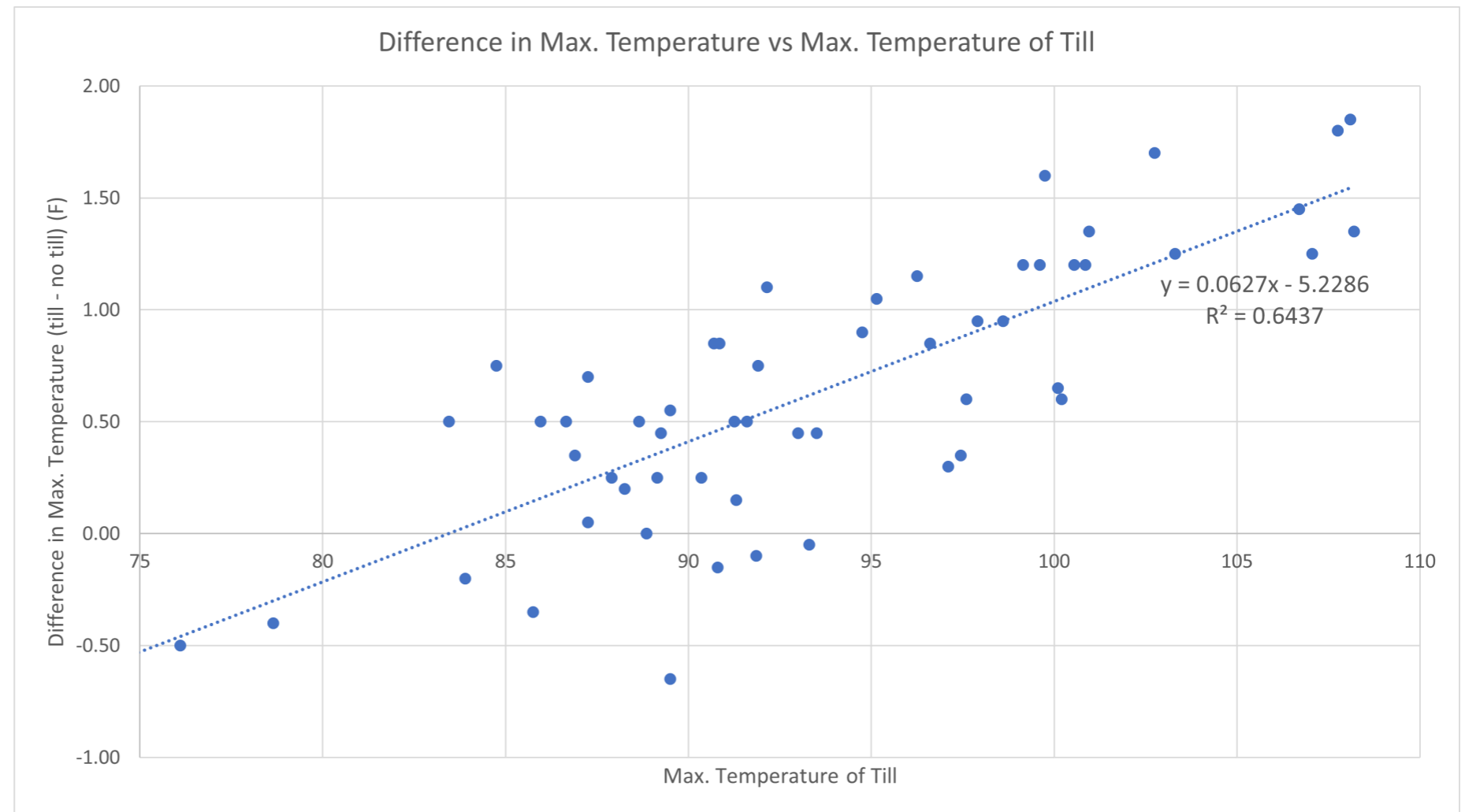
# Longterm Trials of Till v. No-till: Dominus Estate, Napa Valley



Tilled in Spring

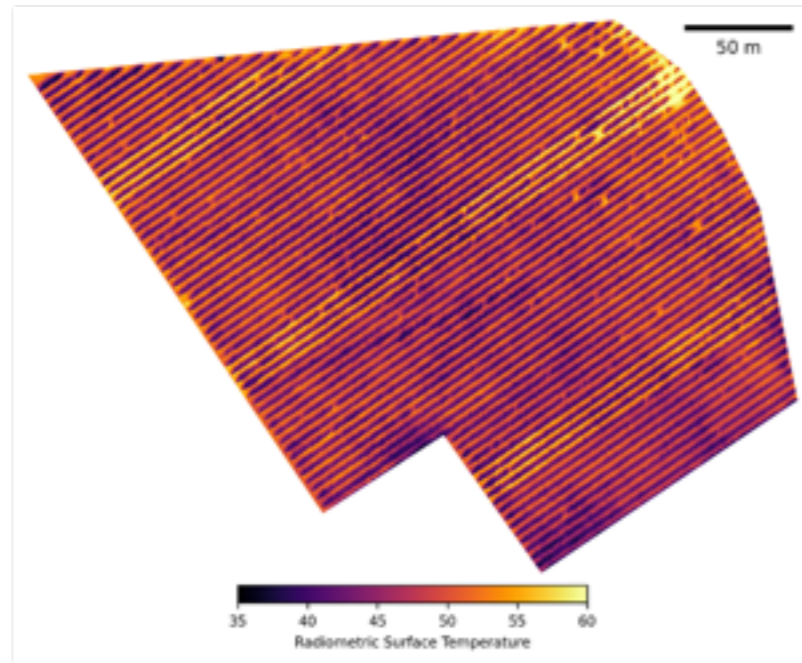


No-till (mowed)

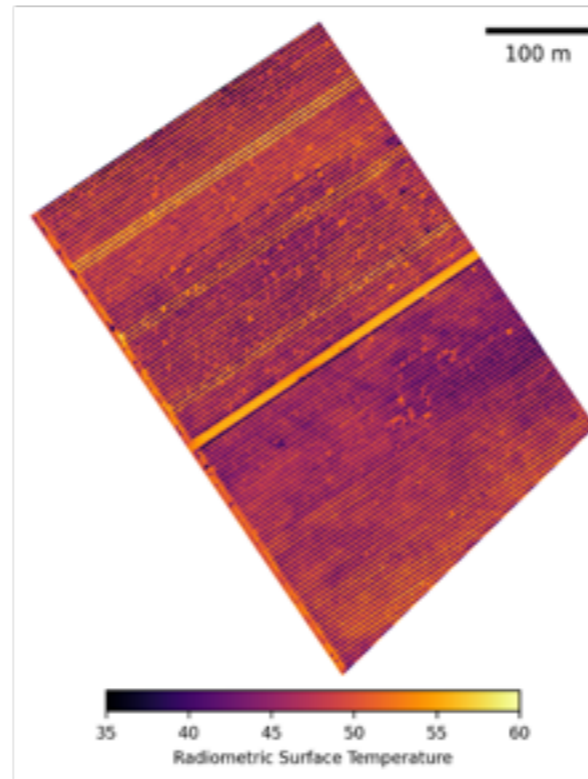


# Regenerative practices & Climate Extreme Mitigation

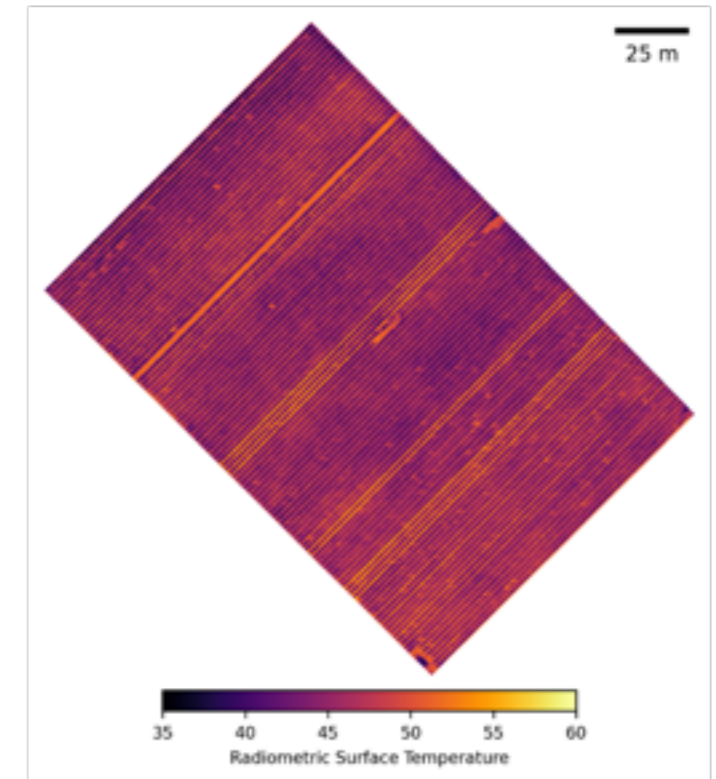
## Till v. No-till Trial at Dominus Estate: Scaling Up



- No Till: 44.6 C
- Till: 47.6 C



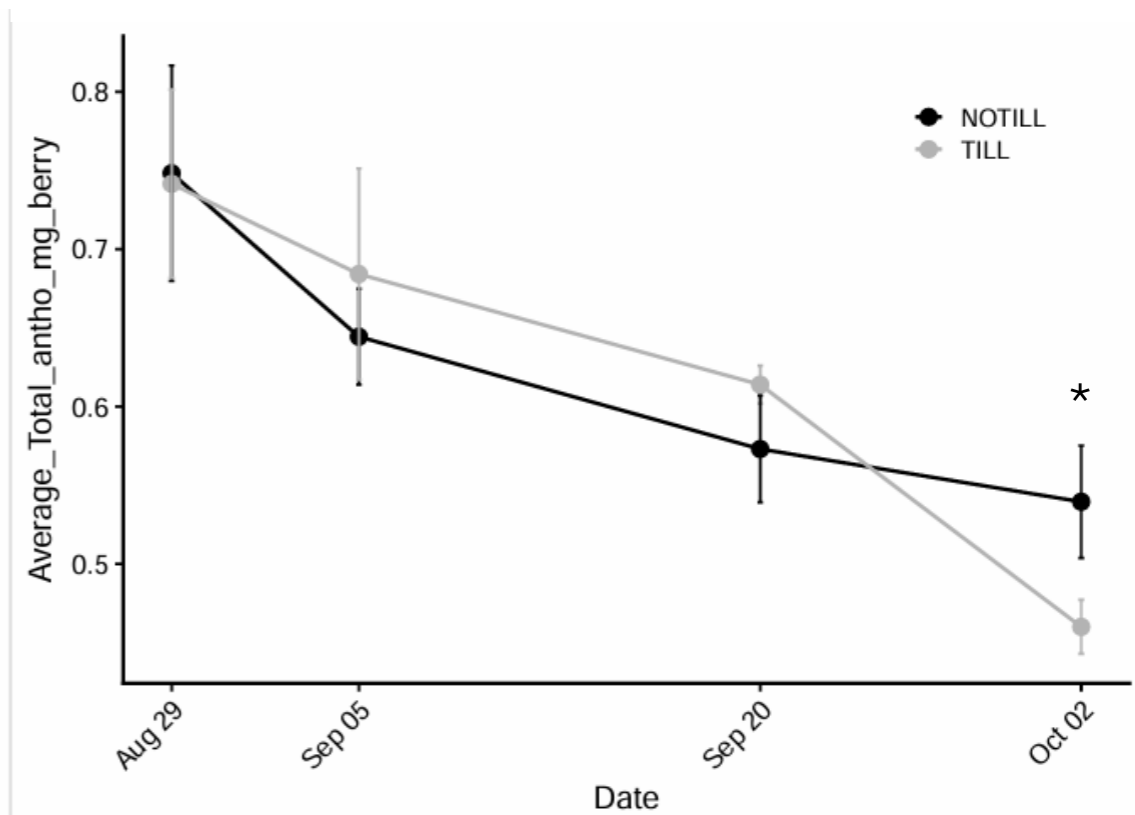
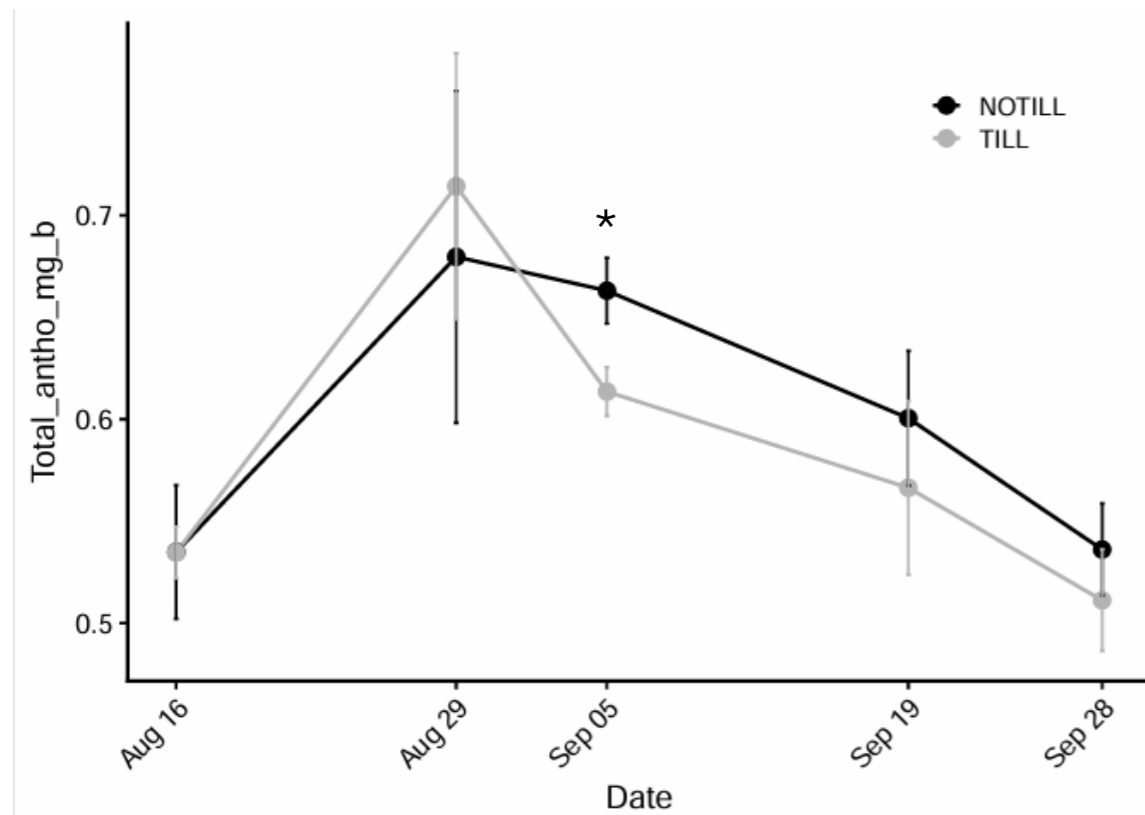
- No Till: 46.4 C
- Till: 48.5 C



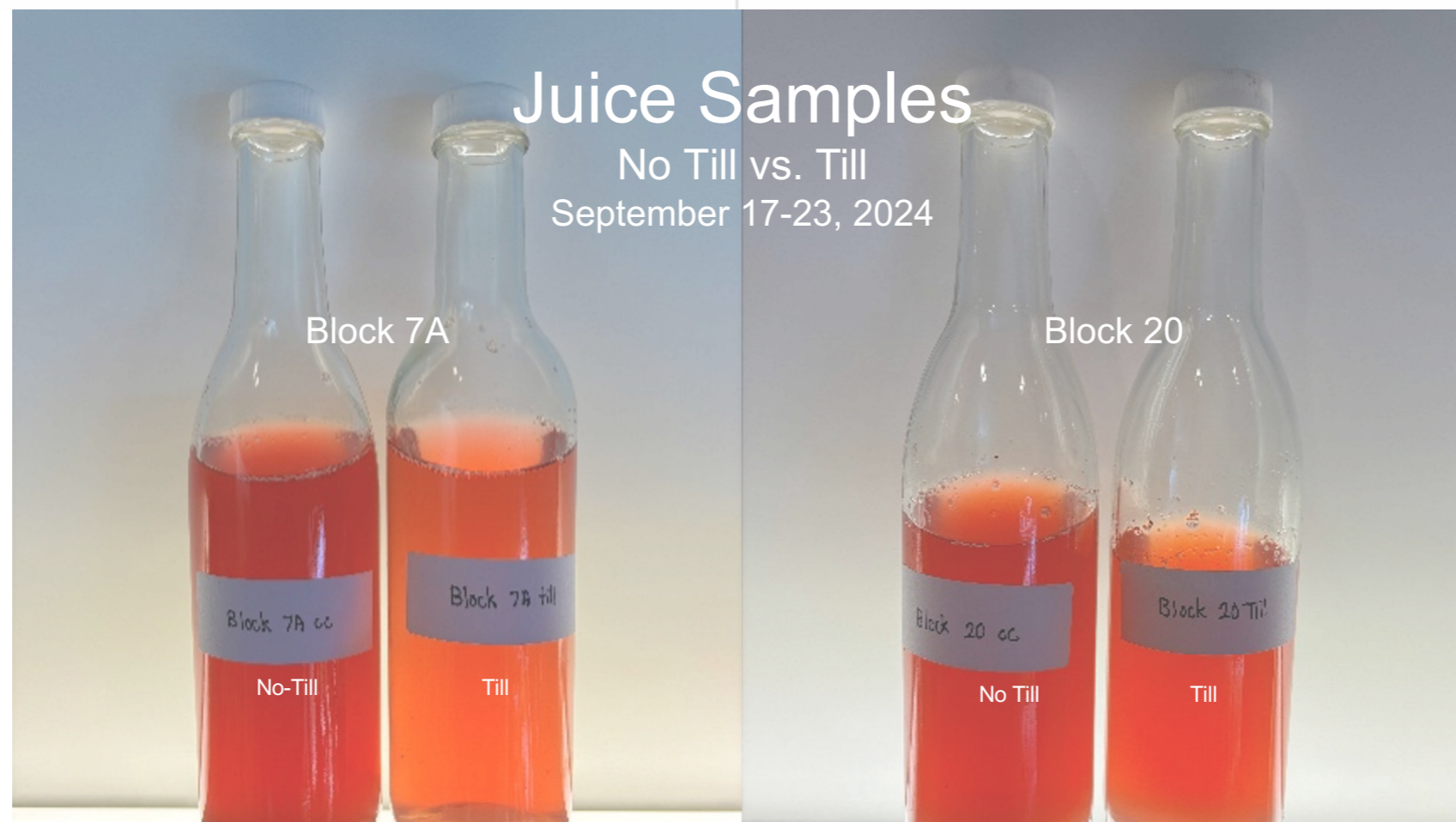
- No Till: 46.01 C
- Till: 49.07 C

Avg. of 3 deg. C difference between till and no-till;  
and 1.5 deg. C difference between canopies.

# Longterm Trials of Till v. No-till: Dominus Estate, Napa Valley

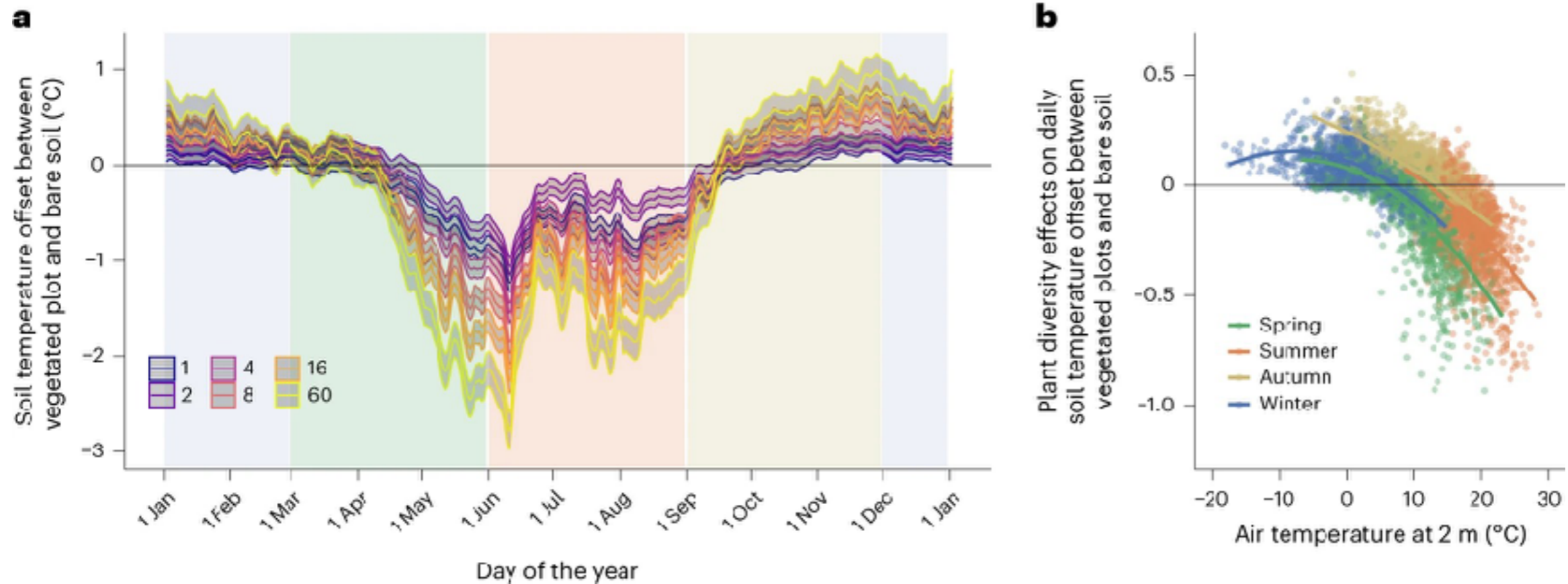


A



# Biodiversity-Ecosystem Function : Cover crop diversity

Can cover crop species choice (e.g., C4 grasses) and diversity improve resilience to heat extremes and drought?

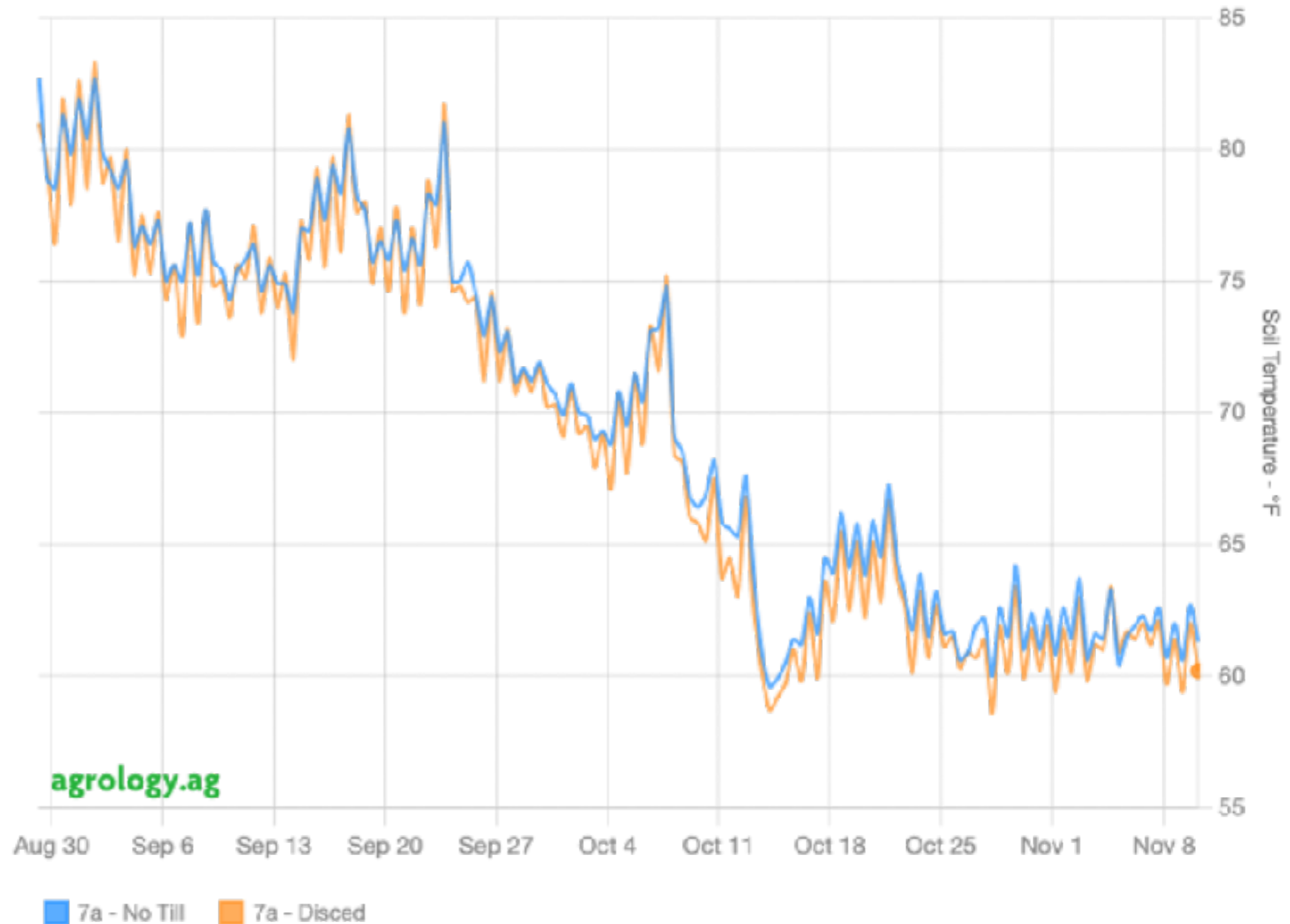


Enhanced stability of grassland soil temperature by plant diversity. Huang et al 2024. Nature Geoscience

# Regenerative Practices: Tillage & Cover cropping

## Soil Temperature Napa Nook

No Till soils show a clear buffering effect, maintaining more stable temperatures with smaller daily swings than tilled soils. Surface residue and improved structure help insulate the soil, reducing heat loss and moderating extremes through the season. The no till section had average daily movements of 3 degrees compared to the tilled section averaged 7 degrees per day





REGENERATIVE  
VITICULTURE  
FOUNDATION

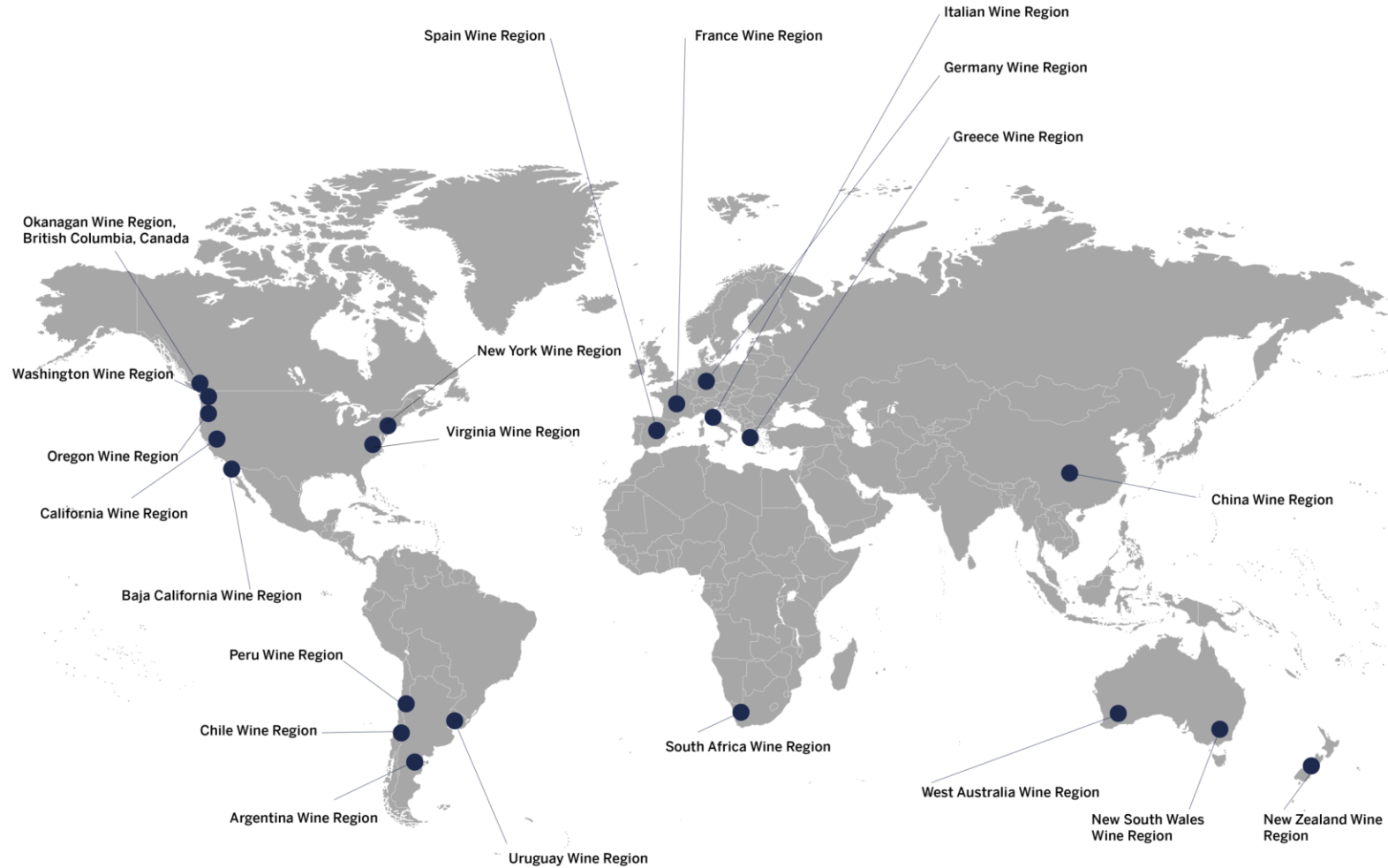
**THE ONE BLOCK CHALLENGE: HIGHLIGHTS SO FAR**

# The One Block Challenge: Global Road Map 2035

The RVF's goal is for 10% of the world's vineyards by area to be regeneratively certified/verified by 2035

**TOTAL WORLD ACREAGE: 12.6 million acres**

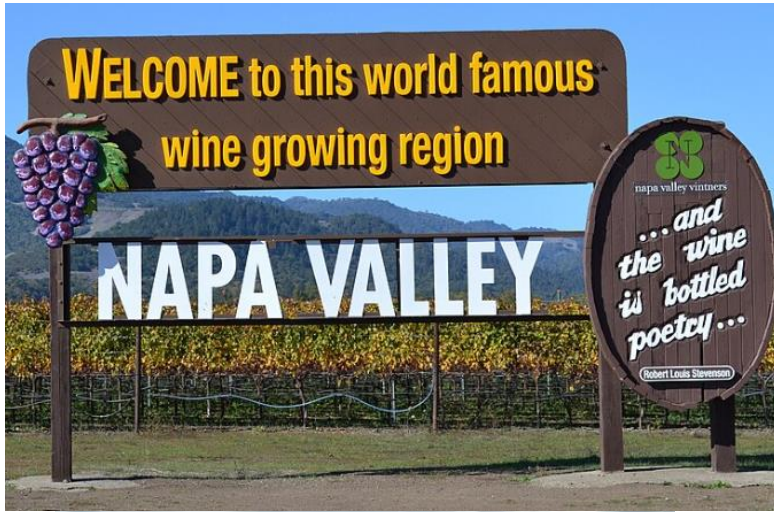
**Goal: 1.26 million acres to be regenerative certified/verified by 2035**



# PASO ROBLES PILOT a Successful launch

- Launched January of 2025
- 40+ growers started 1BC
- Growers and wineries with a footprint of over 50% of the planted area of fruit supply – 20,000+ acres
- 4 field days held
- Community collaboration
- Significant PR for the region, regenerative farming and the RVF





# 1BC Challenge launching nationally and globally

**2025:**

- South Africa
- New Zealand
- United Kingdom
- Napa
- Texas

**2026:**

- Sonoma
- Temecula
- Santa Barbara
- Spain
- Chile

# Compost group purchasing and shared resources for application



# The power of community collaboration



70,000 lbs of seed  
purchased for 1BC 5% of  
Paso Robles planted area



# Sharing knowledge grower to grower



# **International learnings for wider adoption of regen**



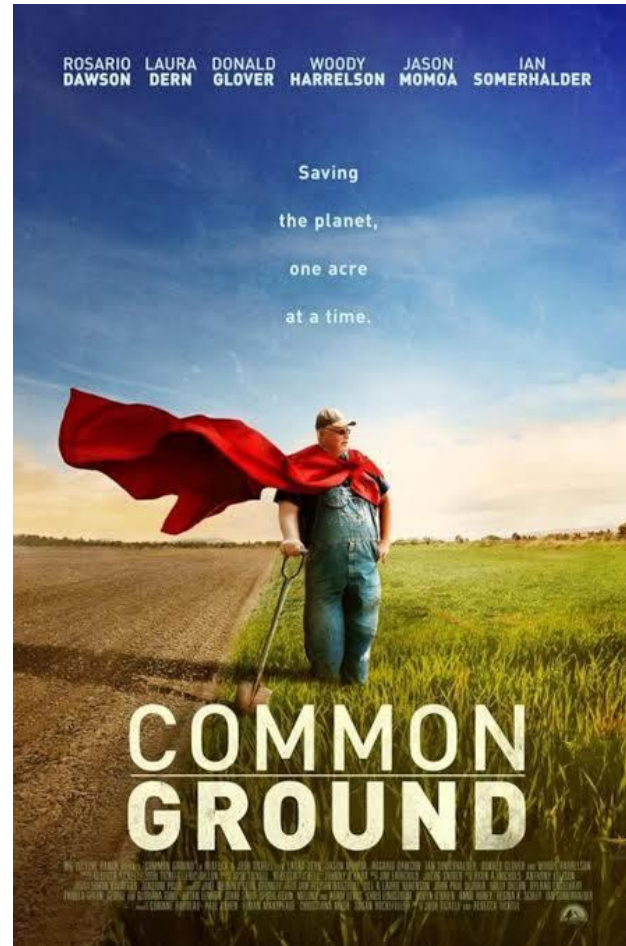
# Innovation is accelerating regeneration



# LEARN MORE ABOUT REGENERATIVE AG FROM THE COMFORT OF HOME



NETFLIX



NETFLIX



prime video

