



Avocado Cafe

Welcome!

April 28, 2023

Videos are now available on the  
Avocado Café YouTube Channel or  
[www.avocadosource.com](http://www.avocadosource.com)

Additional content is also available on  
[www.avocadosource.com](http://www.avocadosource.com)





Thank you to:  
Hofshi Foundation  
Datatarvest



If you have ideas for future topics or speakers please let us know.

Send your suggestions to either [avocafe@gmail.com](mailto:avocafe@gmail.com) or [mlarpaia@ucanr.edu](mailto:mlarpaia@ucanr.edu)

***Coming in late May:***

**Innovations in growing avocados**

*Guy Witney, South Africa*

*Udi Gafni, Israel*

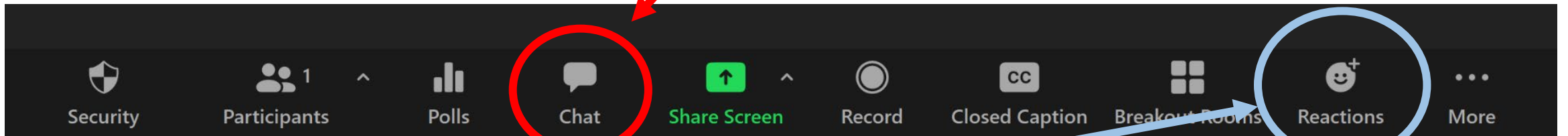


# Meeting Mechanics

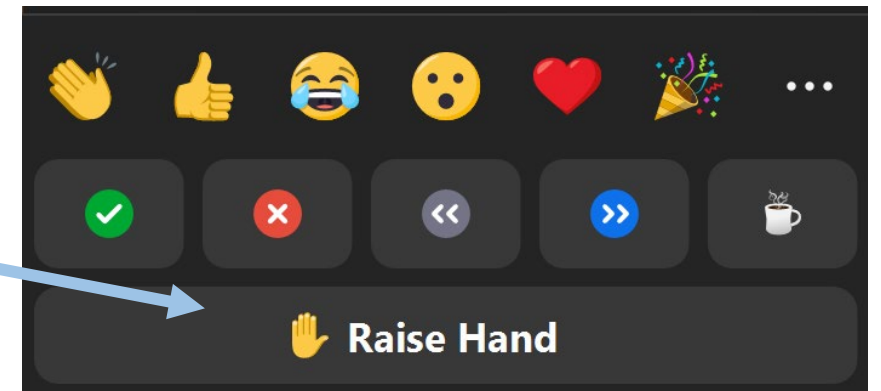
**We want to have an interactive meeting**

There will be 2 ways to ask questions:

Use **Chat Function** during the speaker's presentation to ask any questions while they are speaking; they will answer your questions after their presentation



After the talk, **raise your hand**





# **The consequences of flooding and mitigation strategies to consider**

# Symptoms of Waterlogging

Curling/cupping of leaves, excessive leaf/fruit drop







Poor drainage  
severe waterlogging



Intermediate drainage  
moderate waterlogging



Good drainage  
mild waterlogging

*Gradient of damage across a field*

# Asphyxiation

Avocados have a high requirement for soil oxygen; reports state 30% air content needed for good growth, reduced growth below 17%

## Outcomes:

- Leaf curling, cupping, yellowing, leaf drop
- Root necrosis and death
- Impacts on overall tree health and vigor

*Good review article on this topic:*

## **Root Asphyxia and Irrigation Management in Avocado Orchards**

Raúl Ferreyra, Gabriel Sellés, Pilar M. Gil.

California Avocado Society 2010 Yearbook 93:101-124



## **Speakers**

**Gary Bender**, UC-ANR Farm  
Advisor, Retired

**Fatemeh Khodadadi**, UC-ANR  
Specialist, UC Riverside

**Ben Faber**, UC-ANR Farm  
Advisor

**Denis Roe**, Consultant, Australia

