Town Hall

2-3 pm, May 16, 2024

Agenda

- Welcome
- Leadership Update
- Strategic Focus
- Stories from the Field
- ANR in the News
- New Hires
- Other Updates

Chat warmup Learning about each other:

What are you doing over the long Memorial Day Weekend?



Linda Mar Beach, Pacifica

Leadership Update

Vision & News - (10-15 mins)











Strategic Focus

Laura Snell

DEVIL'S GARDEN COLT CHALLENGE CA MUSTANG CAMP

Laura K. Snell

Modoc County Director



MODOC COUNTY

Devil's Garden Plateau

Sage steppe and Juniper Ecosystem

- Pacific Flyway Route
- Interstate Deer Herd
- Multiple Use





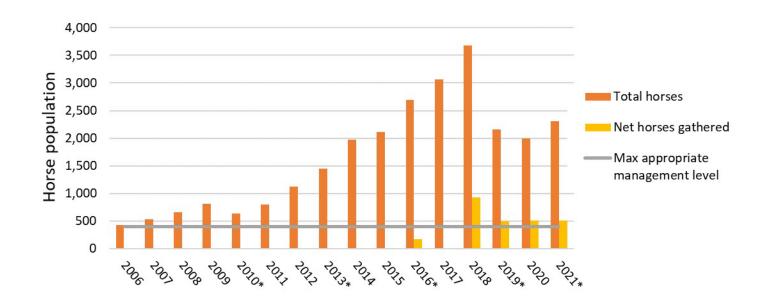
RESEARCH





IDENTIFY PROBLEMS

- Wild horses are over their appropriate management level in Modoc County
- There are knowledge gaps in the general public about wild horses
- Most wild horse policy is specified to the Bureau of Land Management (BLM) leaving out United States Forest Service (USFS) horses
- Decades of bureaucracy have limited wild horse placement options





IDENTIFY SOLUTIONS



- Develop partnerships with local people and agencies to educate policy makers and the general public
- Change federal policies
 - Reduce bureaucracy to placement of wild horses
- Create a youth training program for wild horses
- Develop a mustang camp and 4-H curriculum for more education





DON'T REINVENT THE WHEEL

USE WHAT'S ALREADY OUT THERE

- 4-H is a great youth development program (and so is FFA)
 - Safety, processes, insurance etc.
- Junior Livestock Show
 - Staple in Modoc County for 80 years
- Horse Show and Mustang Makeover Models
 - There are horse shows everywhere!
 - Look at what other people are doing and don't repeat their mistakes
- Simple is Better
- Use Local Volunteers



2020-2024 COLT CHALLENGE SUCCESS

- 156 youth from 34 Counties
- Used our existing Junior Livestock Show Week
- For each horse in the program, an additional 1.5 horses went to friends or family members
- Broader 4-H impacts
 - Keeping older youth in 4-H
 - Career skills and training horses
 - Several new 4-Hers joined to participate
 - Expanding to southern Oregon

https://www.devilsgardenucce.org/post/colt-challenge-faq

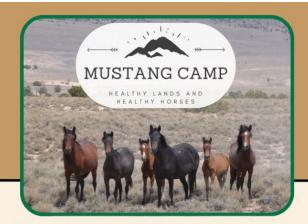




2024 MUSTANG CAMP

- Started by Utah State University Colleagues
- Opportunity for youth interested in learning about wild horses
- Bureau of Land Management Grant to fund Mustang Camps, Curriculum Development, etc

https://extension.usu.edu/ utah4h/events/mustangcamp



THIS OVERNIGHT CAMP IS AN OPPORTUNITY FOR YOUTH ACROSS THE WEST TO LEARN ABOUT MANAGING PUBLIC LANDS, RANGELANDS, WILD HORSES, AND BURROS, LOOKING DEEPER AT THE RELATIONSHIP BETWEEN HEALTHY LANDS AND HEALTHY HORSES!

















2024 MUSTANG CAMP

- Train the trainer opportunity
- For educators of all types looking to host a camp or looking to gain access to curriculum
- Curriculum "in a bag" program
- 4-H horse leaders, FFA Teachers, Cooperative Extension, CES...

HEALTHY LANDS AND HEALTHY HORSES

Come and join us for a training session presented by Utah State University and UC Cooperative Extension Educators about Mustang Camp - educating youth about the balance of healthy lands and healthy horses. We are excited to help you continue to educate youth about wild horses and burros.

EVENT HIGHLIGHTS

- Training for educators and professionals.
- Learn to facilitate Mustang Camps and education opportunities in your area
- Take away educational resources and curriculum
- Meet educators, professionals, and leaders wanting to learn more about wild horses and burros, and their management.
- Professional Development Opportunity

June 27th, 2024

10:00 AM - 3:00 PM

LUNCH WILL BE PROVIDED

Lassen County Fairgrounds 195 Russell Ave. Susanville, CA 96130



PLEASE RSVP TO
LAURA SNELL
LKSNELL@UCANR.EDU











PROGRESS

- 2024 Reality Population about 1000
 - Managing horses and the ecosystem
 - Positive effects on 4-H enrollment
 - Positive policy changes
- Future
 - Expand the program
 - Continue to educate
 - Continue management

https://www.facebook.com/devilsgardenresearchandeducation





THANK YOU!

Laura Snell

lksnell@ucanr.edu

530-233-6400



DEVIL'S
GARDEN
Colt Challenge





CELEBRATE OUR 5TH ANNIVERSARY WITH US!

The 2024 DG Colt Challenge competition will be held June 22nd in Alturas, CA at the Junior Livestock Showgrounds on the corner of 8th and Nagle. We will start with registration at noon and classes will start at 1pm.

Overnight accommodations can be made for horses at the showgrounds with prior reservation. There is also dry camping available at the showgrounds. These are both first come first serve. Call our office, 530-233-6400 for overnight pens before the show. The Rim Rock Motel also has horse pens available for guests.

There will be three classes like years past, obstacle, halter, and showmanship. For returning horses who are over three, there will be an option for equitation on horseback and to complete the obstacle course on horseback. Register to participate https://surveys.ucanr.edu/survey.cfm?surveynumber=42920. All Colt Challenge youth and horses from the past five years are welcome!

Questions? Check out the FAQ page at https://www.devilsgardenucce.org/post/colt-challenge-faq

SPECTATORS WELCOME!

COMPETITION STARTS
AT 1PM
OVER \$3500 IN PRIZES

A HUGE THANKS TO OUR SPONSORS AND JUDGES!



Stories from the Field

Eric Middleton





Called "Grease mites"







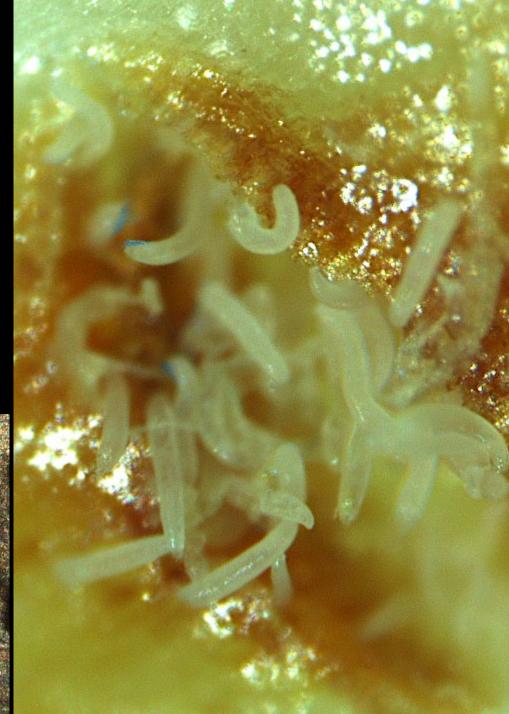






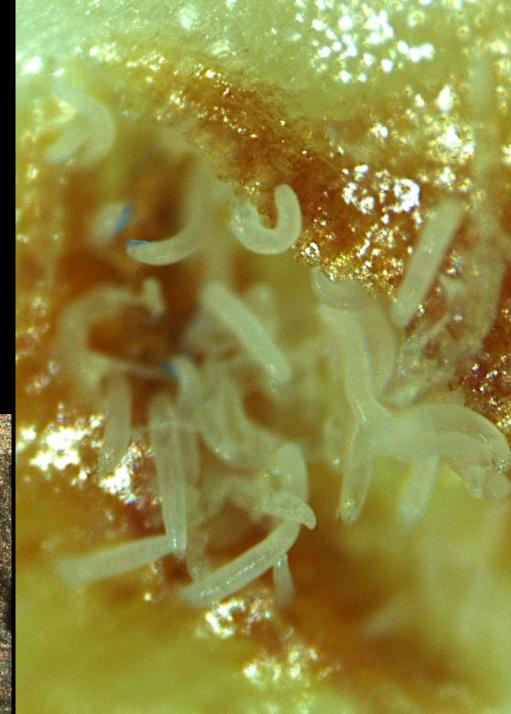












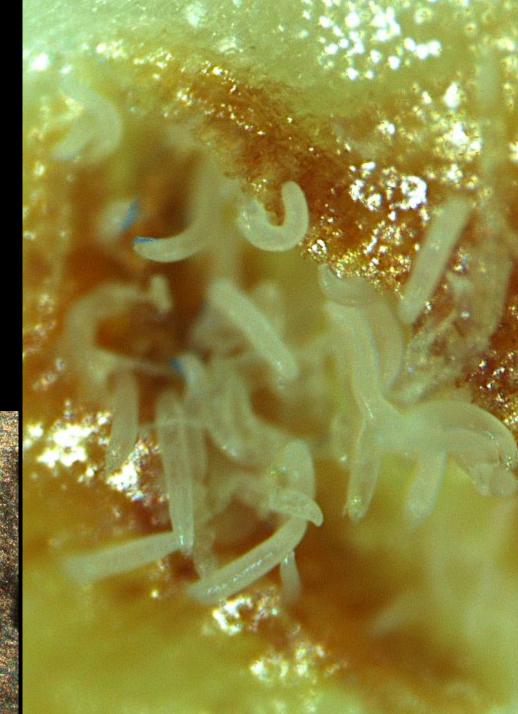
Called "Grease mites"

1/3 mm, translucent whitish color

Live in and feed on agave Hidden on host plants







Called "Grease mites"

1/3 mm, translucent whitish color

Live in and feed on agave Hidden on host plants

Found in core, at base of inner leaves







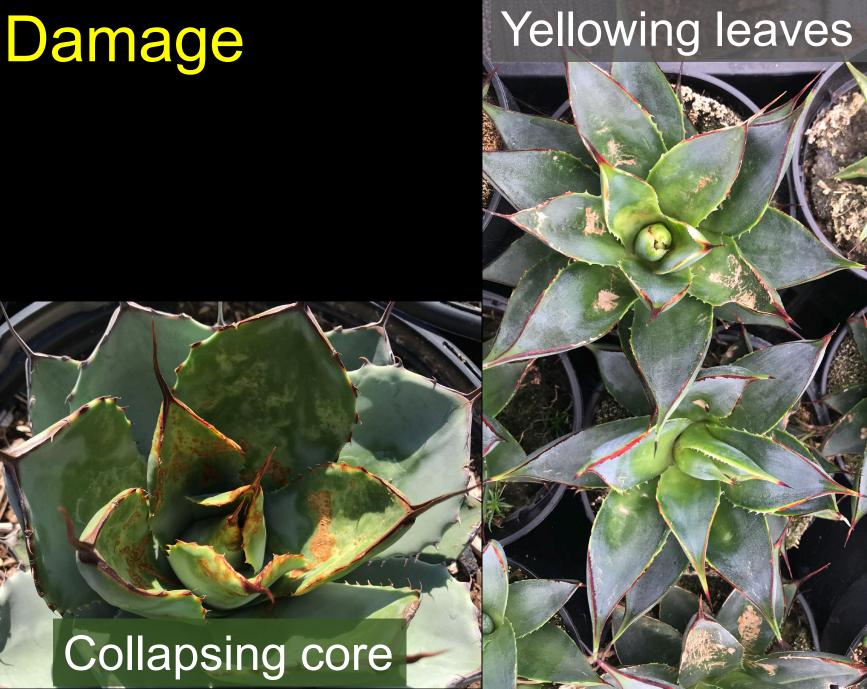














Rarely fatal, but slows growth, harms appearance

Collapsing core



Big problem for ornamental agave

Greasy streaks
Become lesions

Rarely fatal, but slows growth, harms appearance

Collapsing core















Takes ~3-5 months after infestation for symptoms to show up





Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage





Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage







Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage

Mite spread is unpredictable

Mites travel on wind

Can show up in unexpected places







Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage

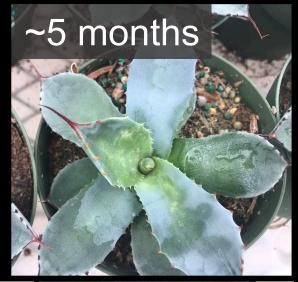
Mite spread is unpredictable

Mites travel on wind

Can show up in unexpected places

Plants close to infected plants more likely to get mites But not always!







Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage

Mite spread is unpredictable

Mites travel on wind

Can show up in unexpected places

Plants close to infected plants more likely to get mites But not always!

To be certain, must kill and cut up plants to find mites







Takes ~3-5 months after infestation for symptoms to show up

Mites are present for a long time before you see damage

Mite spread is unpredictable

Mites travel on wind

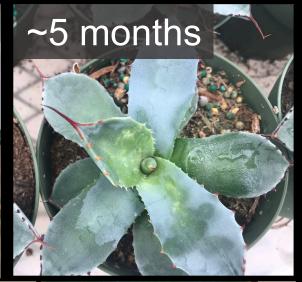
Can show up in unexpected places

Plants close to infected plants more likely to get mites But not always!

To be certain, must kill and cut up plants to find mites

Agave mites are tricky and sneaky









Mites are hard to see even under magnification



Normal light

Mites are hard to see even under magnification

Translucent and tiny: Have to angle leaves just so to see them



Normal light

Mites are hard to see even under magnification

Translucent and tiny: Have to angle leaves just so to see them

Agave mites and eggs fluoresce weekly under UV light



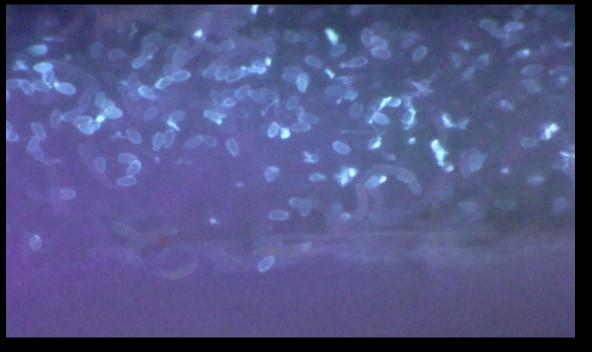
Normal light

Mites are hard to see even under magnification

Translucent and tiny: Have to angle leaves just so to see them

Agave mites and eggs fluoresce weekly under UV light





Normal light

UV light

Mites are hard to see even under magnification

Translucent and tiny: Have to angle leaves just so to see them

Agave mites and eggs fluoresce weekly under UV light



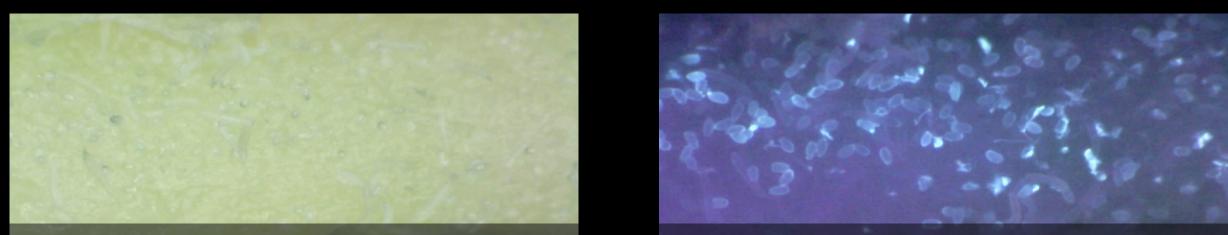
Normal light

UV light

Mites are hard to see even under magnification

Translucent and tiny: Have to angle leaves just so to see them

Agave mites and eggs fluoresce weekly under UV light



Use powerful UV flashlight with filter (365 nm). Only illuminates things that fluoresce. Note: finding mites will still take effort/time

Normal light

UV light



Heavy feeding damage also fluoresces



Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light

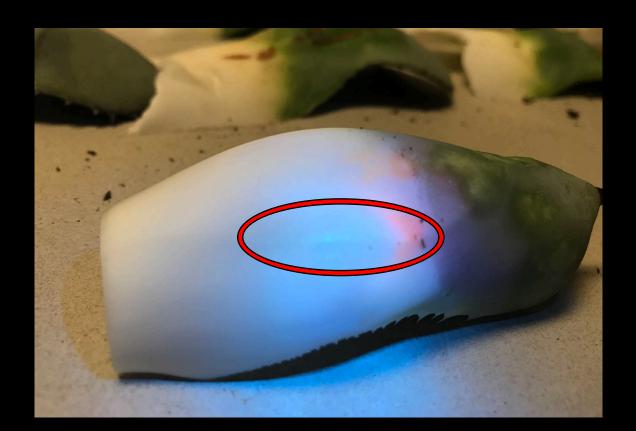




Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light



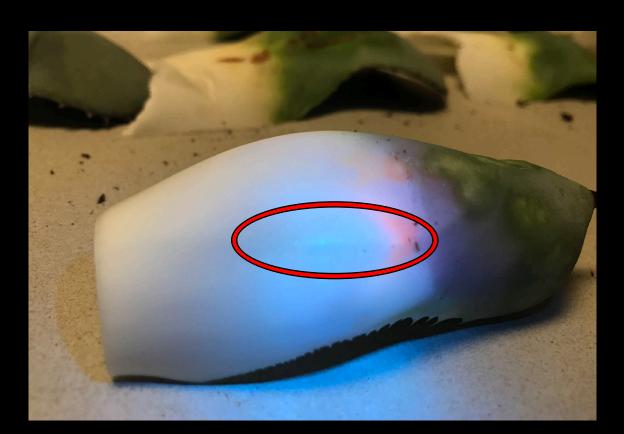


Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light

Subtle, but usually correlate with high mite/egg populations (50+)





Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light

Subtle, but usually correlate with high mite/egg populations (50+)





Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light

Subtle, but usually correlate with high mite/egg populations (50+)





Heavy feeding damage also fluoresces

Lesions can be seen with naked eye when using UV light

Subtle, but usually correlate with high mite/egg populations (50+)



UV light is great tool for researchers, maybe scouts





Tested commercially available predator mites

Amblyseius andersoni, N. californicus, A. swirskii

Tested commercially available predator mites

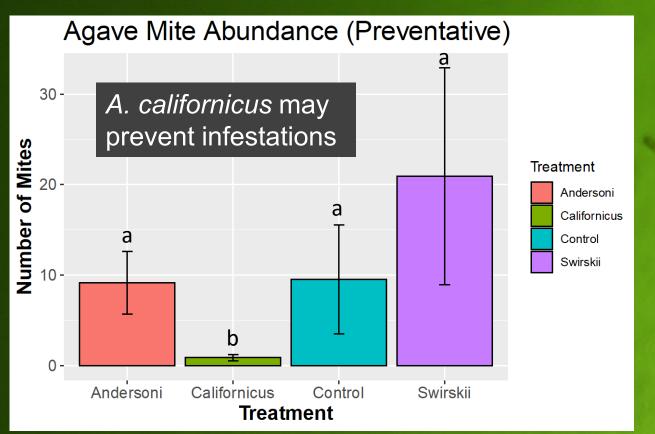
Amblyseius andersoni, N. californicus, A. swirskii

All eat agave mites

Tested commercially available predator mites

Amblyseius andersoni, N. californicus, A. swirskii

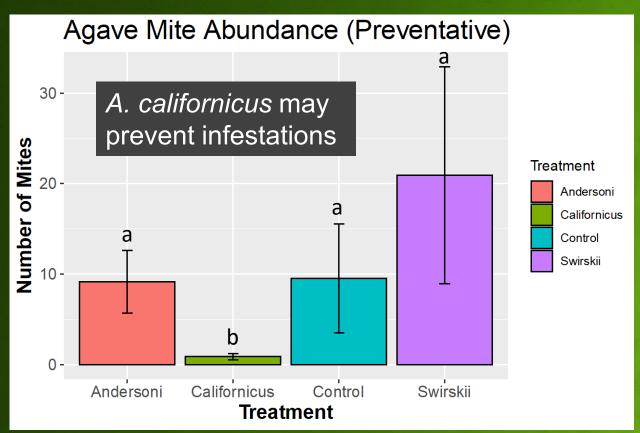
All eat agave mites

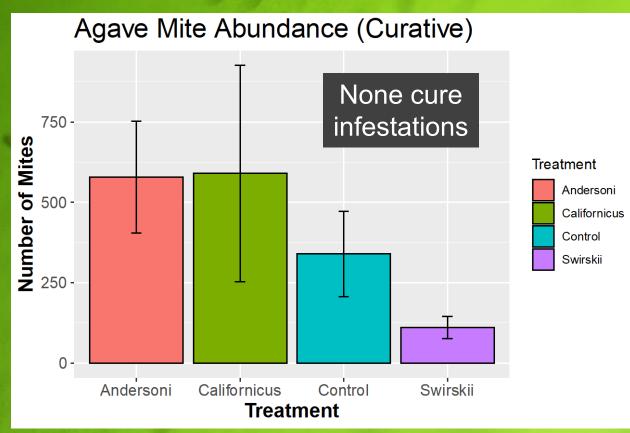


Tested commercially available predator mites

Amblyseius andersoni, N. californicus, A. swirskii

All eat agave mites

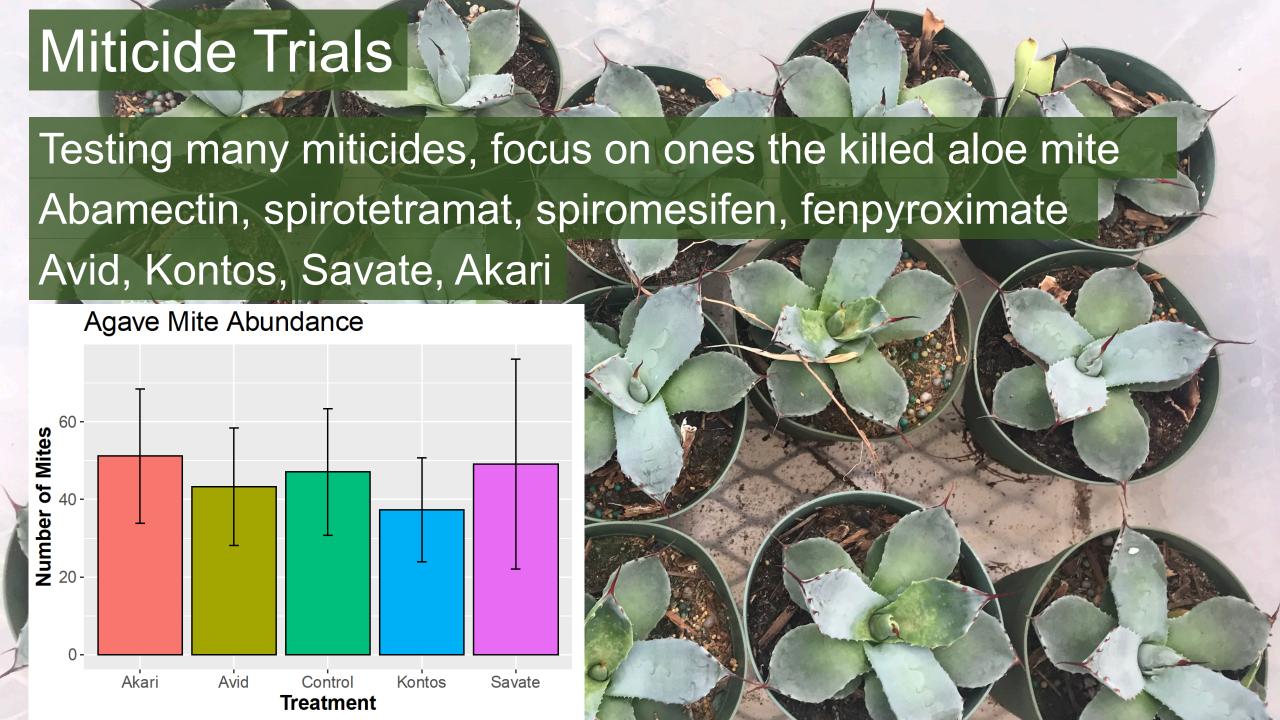


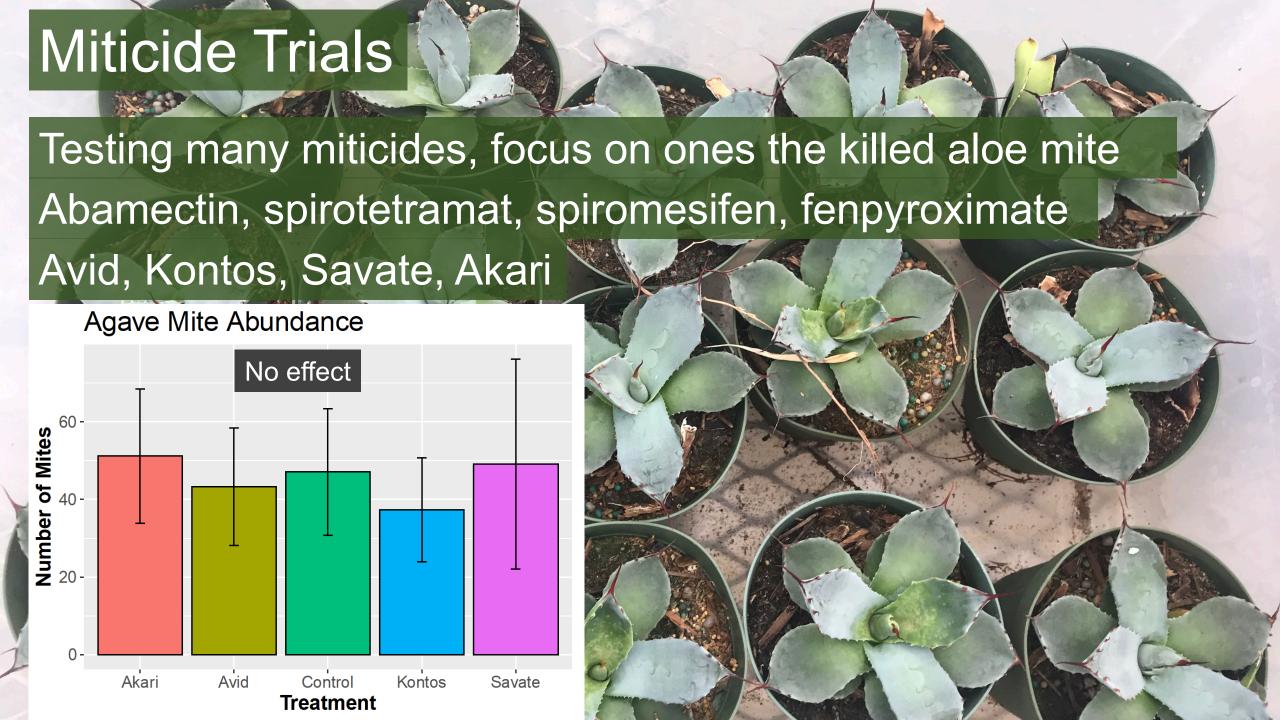








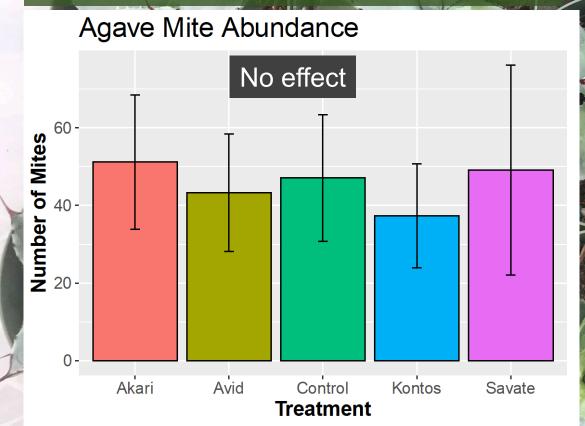


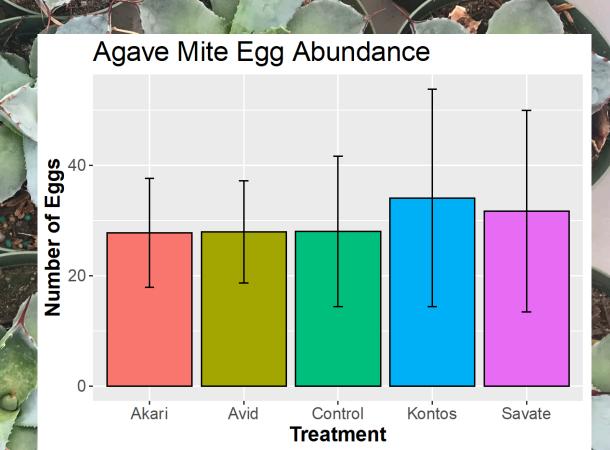


Miticide Trials

Testing many miticides, focus on ones the killed aloe mite Abamectin, spirotetramat, spiromesifen, fenpyroximate

Avid, Kontos, Savate, Akari

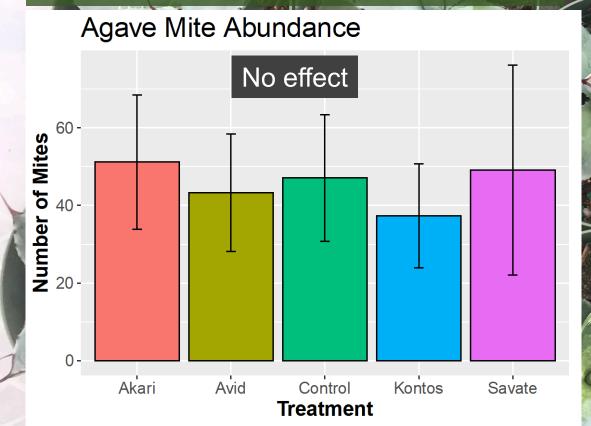


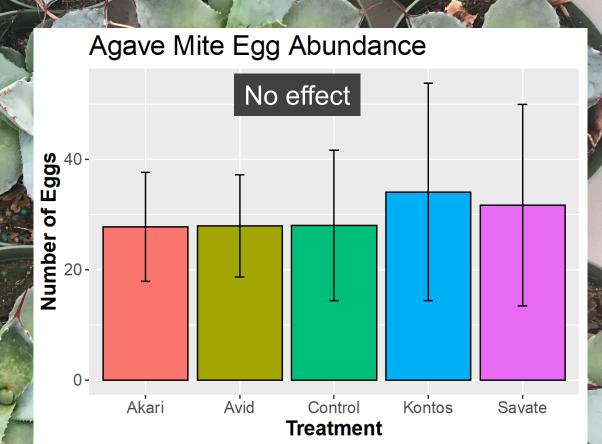


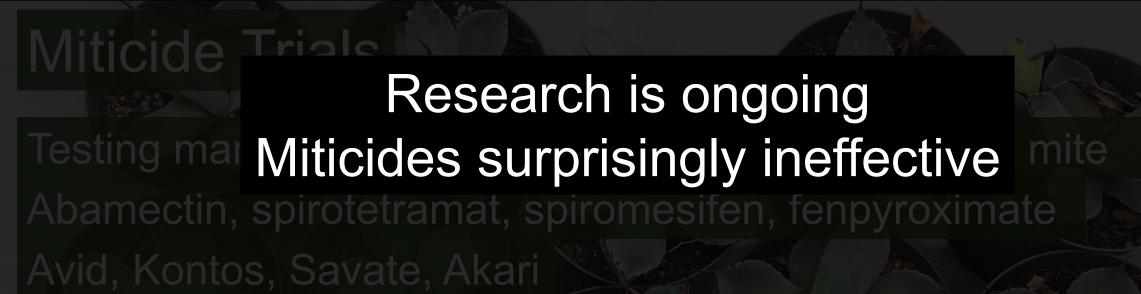
Miticide Trials

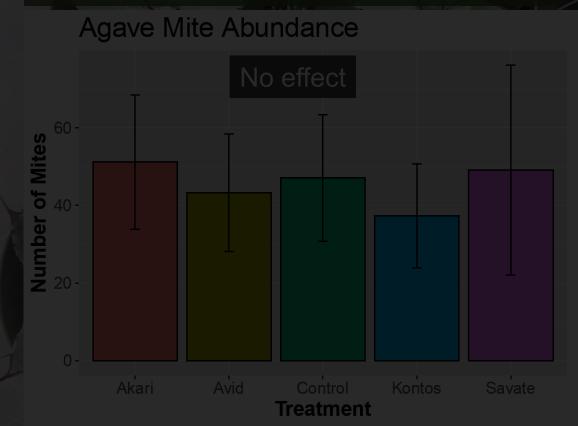
Testing many miticides, focus on ones the killed aloe mite Abamectin, spirotetramat, spiromesifen, fenpyroximate

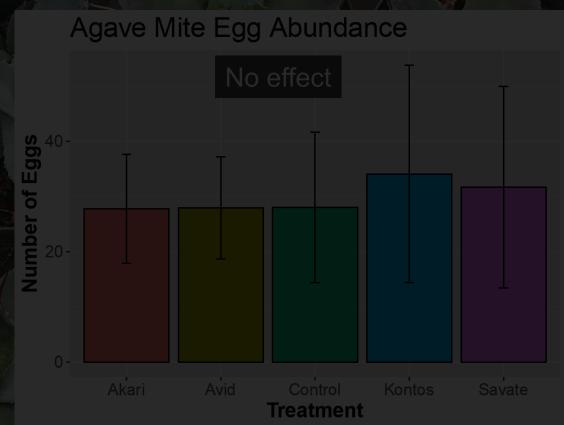
Avid, Kontos, Savate, Akari

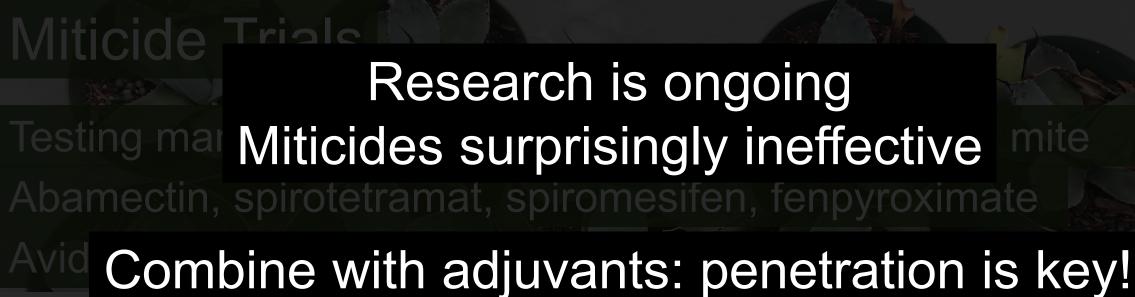


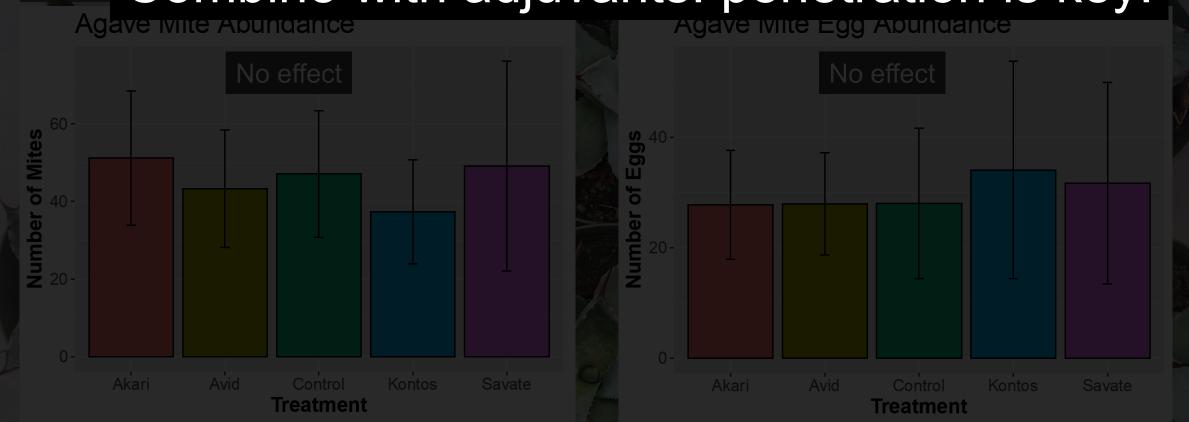


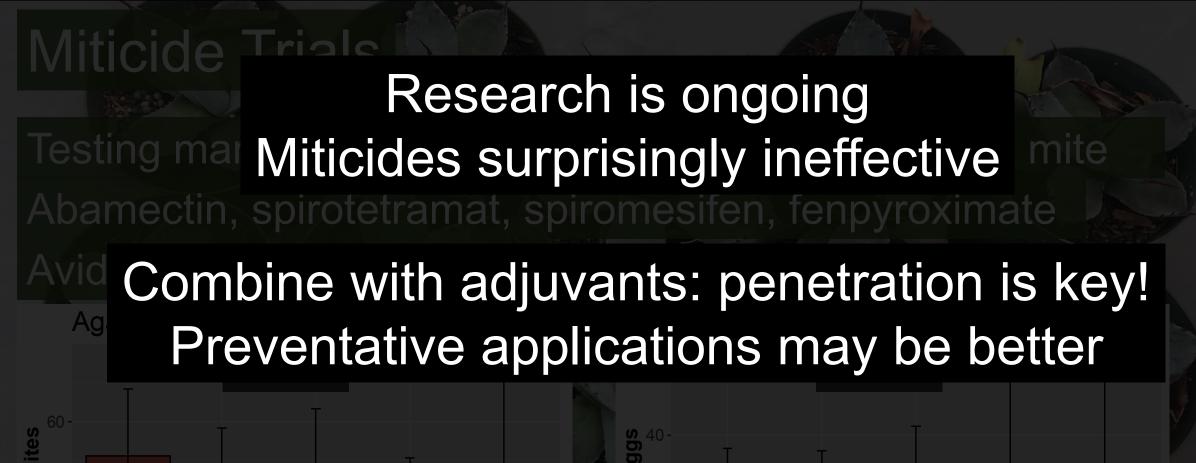


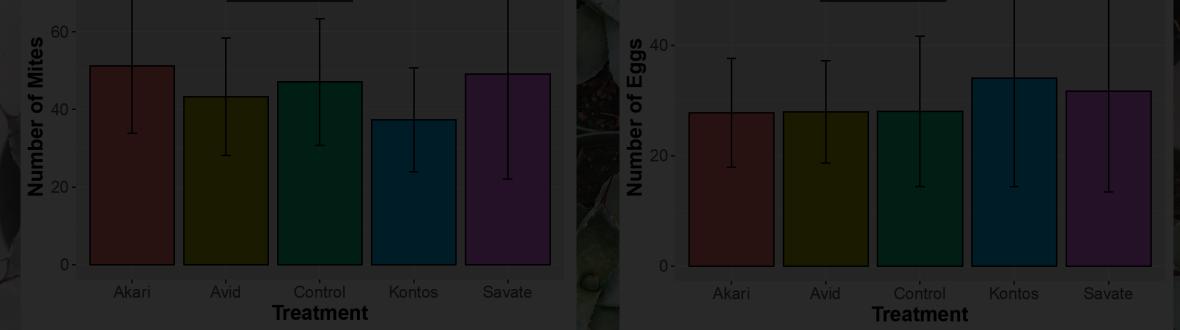






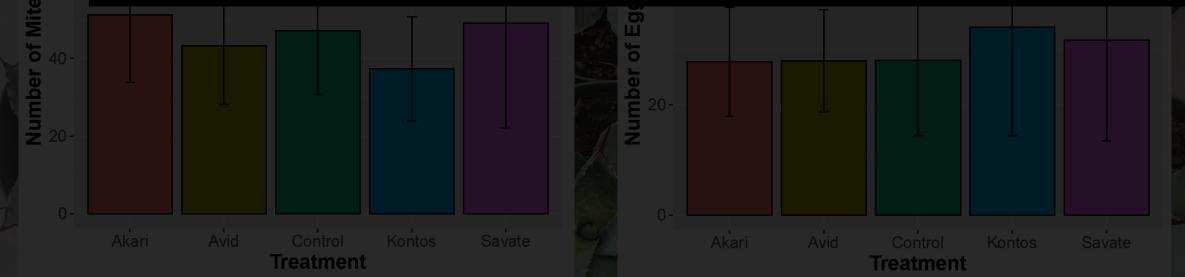






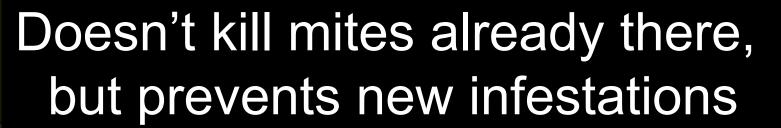
Research is ongoing Testing mar Miticides surprisingly ineffective Abamectin, spirotetramat, spiromesifen, fenpyroximate

Combine with adjuvants: penetration is key! Preventative applications may be better Grower has good success with sulfur + capsil



Research is ongoing Miticides surprisingly ineffective Abanectin, spirotetramat, spiromesifen, fenpyroximate Avi Combine with adjuvants: penetration is

Combine with adjuvants: penetration is key!
Preventative applications may be better
Grower has good success with sulfur + capsil



Akari

Avid

Control reatme

Kontos

Savate

\kari

vid

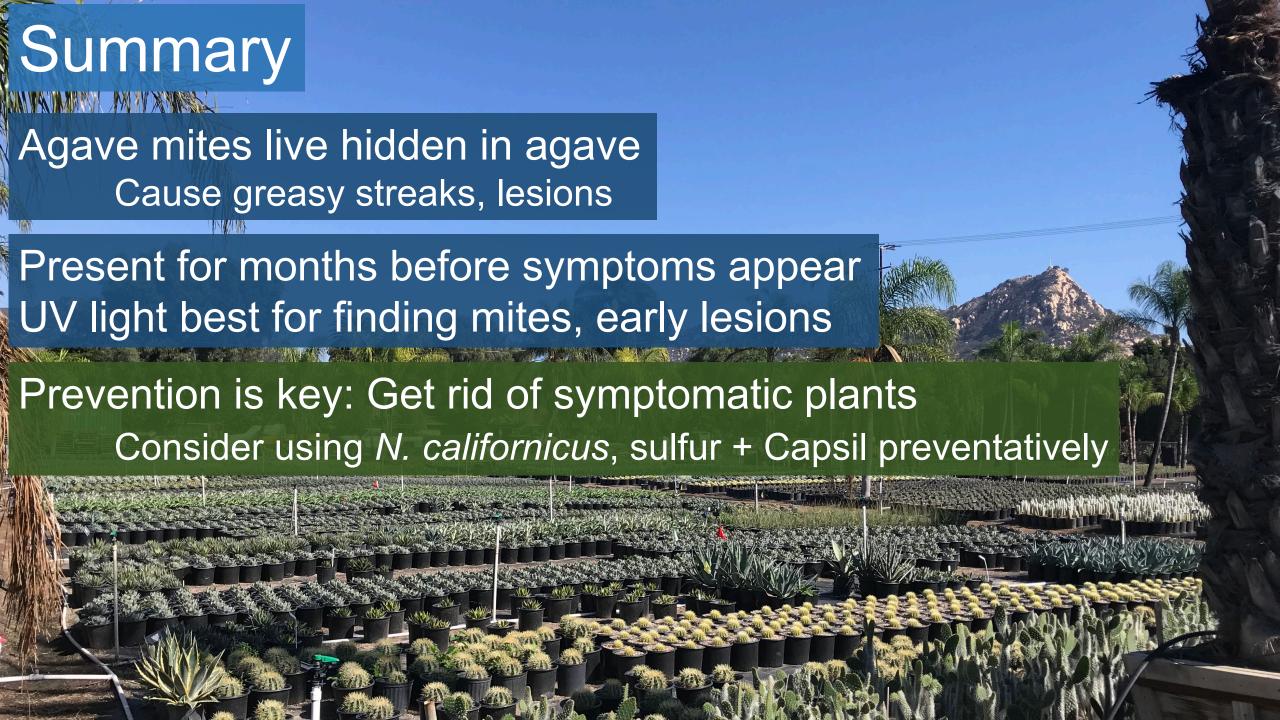
Control reatmen Kontos

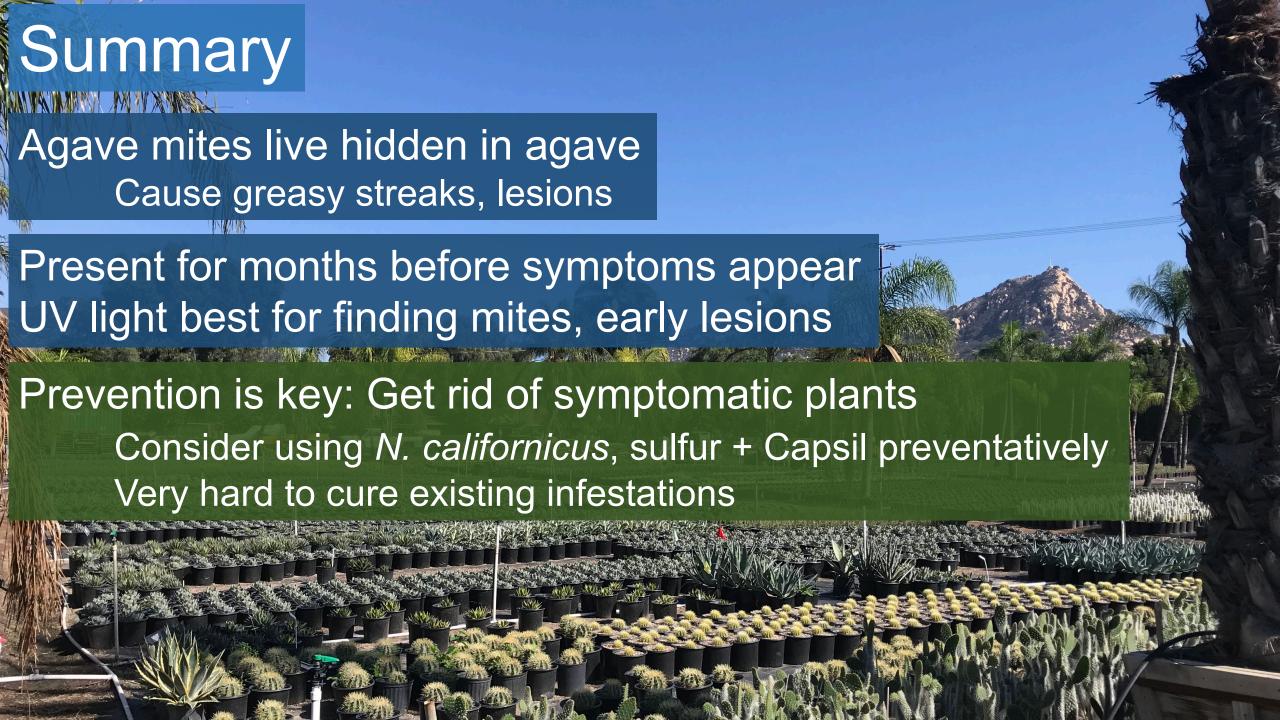
Savate

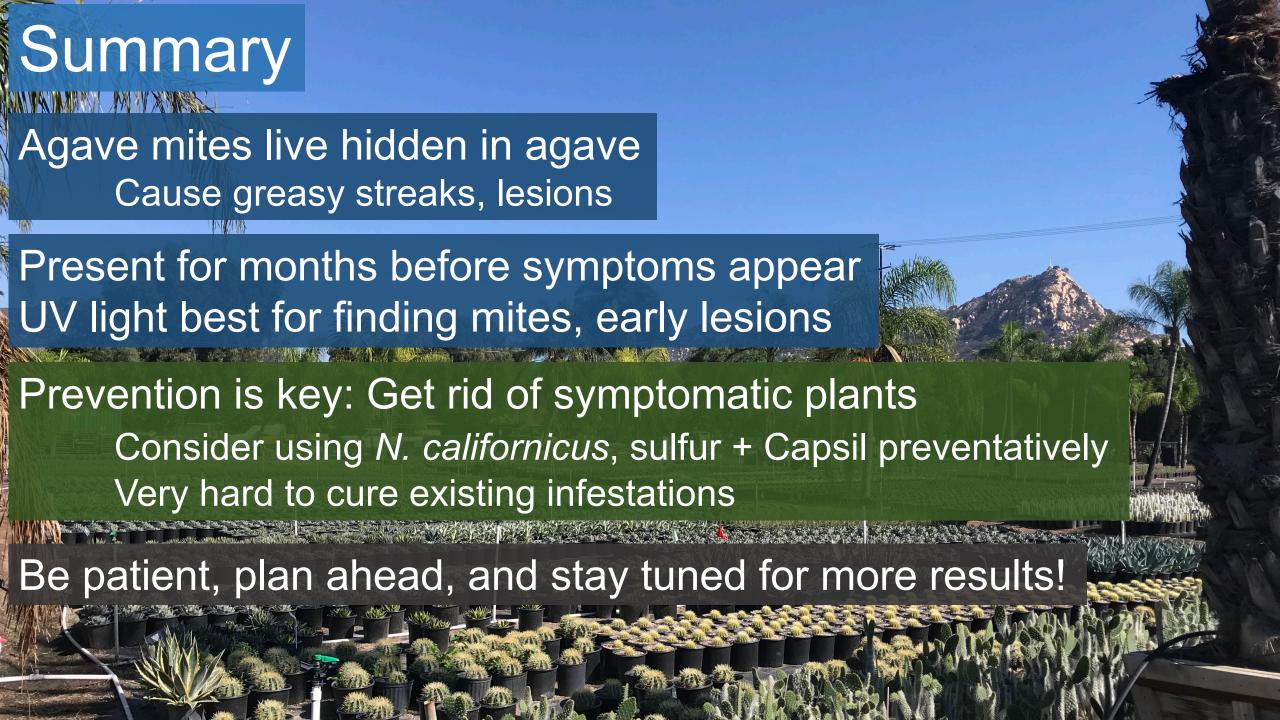








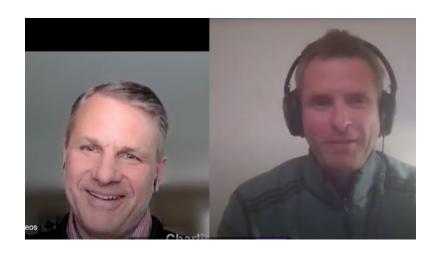




Summary Agave mites live hidden in agave Cause greasy streaks, lesions Present for months before symptoms appear UV light best for finding mites, early lesions Prevention is key: Get rid of symptomatic plants Consider using N. californicus, sulfur + Capsil preventatively Very hard to cure existing infestations Be patient, plan ahead, and stay tuned for more results! egmiddleton@ucanr.edu

In the Media

- Cindy Kron talked with <u>Good Fruit Grower</u> about baffling borer behavior observed in California pear orchards
- **Kent Daane** and **David Haviland** wrote an article for <u>Wine Business</u> about controlling vine mealybug
- **Niamh Quinn** told <u>LAist</u> listeners coyotes may be more aggressive during pupping season. She maps coyote encounters on her <u>Coyote Cacher</u> website.
- **Chris McDonald** told <u>Riverside Press-Enterprise</u> that the invasive stinknet plant threatens native habitats.
- Edith de Guzman told <u>Wired</u> that city trees reduce heat-related illness
- **Tori Norville** and **Katie Low** wrote an article on actions to protect farms from wildfire for Ag Alert



Maurice Pitesky spoke with <u>LAist</u>, <u>Real Clear</u>
<u>Politics</u> and other news outlets about the threat of avian influenza to chickens and now dairy cows

https://ucanr.edu/News/UC_ANR_in_the_news

New Hires: Welcome to UC ANR April 15-May 13, 2024

Travis Alexander MASTER FOOD PRESERVER PROGRAM
Ngodoo Atume SUSTAINABLE AG RESEARCH & EDU

Christian Banderas INTERMOUNTAIN REC Matthew Barnes UCCE LAKE COUNTY

Victor Barragan Jr UCCE RIVERSIDE COUNTY

Erika Cassio Madrazo CA INST FOR WATER RESOURCES

Yolanda Cruz UCCE STANISLAUS COUNTY

Daphne Hobbs HOPLAND REC

Jocelyn Mobley SW MSTR GARDENER PROGRAM

Alfonso Mota UCCE STANISLAUS COUNTY
Mercy Mumba UCCE ALAMEDA COUNTY

George Nieblas SOUTH COAST REC

Sara Reza UCCE IMPERIAL COUNTY
Sara Rosenberg UCCE MARIPOSA COUNTY

Laljeet Singh Sangha UCCE KERN COUNTY

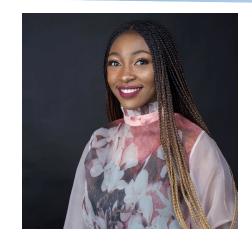
Luz Teresa Sauceda UCCE SAN JOAQUIN COUNTY

Lorena Serna Nunez UCCE ALAMEDA COUNTY
Lindsey Torres UCCE VENTURA COUNTY

Tracey Van Hooser UCCE MARIN COUNTY



Laljeet Singh Sangha



Ngodoo Atume



Sara Rosenberg

Other Updates

- EFNEP Digital Accessibility Jan Newman
- Spanish Conversational Class Ricardo Vela
- ANR Walks Video Ethan Ireland
- ANR Giving Day Update Emily Delk
- Celebrate Asian American & Pacific Islander Heritage Month -Friday, May 31, at noon

EFNEP Digital Accessibility

Presented by Jan Newman May 16, 2024



Expanded Food and Nutrition Education Program

EFNEP

Expanded Food and Nutrition Education Program (EFNEP)

We teach:

- Nutrition
- Food resource management
- Food Safety
- Physical activity

To a diverse audience of low-income California adults and youth.



What is Digital Accessibility?



Expanded Food and Nutrition

Education Program

Applicability of digital accessibility to EFNEP

Is there a need for EFNEP services to people with disabilities?

According to 2022 U.S. Census data, there are **2.1 million adults** (ages 18-64) **with disabilities in California**.*

- 25.5% of them are living in poverty.
- Disability and poverty affect the whole family, not just the individual.
- EFNEP focuses on those with low-income.
 - **49%** of the families we reach are at or below **100%** of the poverty level, (defined as **\$31,000** for a family of 4**).
 - Over 80% of the families we reach qualify for government food assistance.

*https://www.researchondisability.org/ADSC **https://www.cdph.ca.gov/Programs/CID/DOA/Pages/OA_ADAP_Federal_Poverty_Guideline_Chart.aspx



Learning to Shift



Usability



Ultimately, our focus should be on *usability*:

- Can a visually impaired person use our website with their screen reader?
- Can a hearing-impaired person benefit from our EFNEP in-person and online lessons?
- Can a person using only a keyboard navigate through our forms and educational materials?



EFNEP Initial Plans

- 1. Review and quantify our resources
- 2. Prioritize *existing* external-facing assets
 - Website
 - Social media
 - Videos
 - Google Drive
- 3. Plan for *new* assets
 - Templates
 - Training
 - Accessibility checks















EFNEP Longer-Range Goals

- 1. Staff training:
 - UC Learning
 - LinkedIn Learning
 - Microsoft Accessibility Fundamentals Training
 - GSA training
- 2. EFNEP's participant educational materials and delivery methods
- 3. Expand outreach
- 4. Evaluate and remediate internal-facing assets = staff resources.









Conclusion

We all benefit from accessible media, whether we realize it or not.

- Watching videos
- Websites and apps on mobile devices

Interested in learning more?

Jan Newman jannew@ucanr.edu





TMETO

- Experienced Native speaker teachers
- 3 levels Beginner, Intermediate and Advanced
- 30-minutes interactive class
- 6 different class schedule options
- Small groups
- 15-minutes interactive conversational group
- 4 different schedule options
- Starting July 9
- Ending September 14





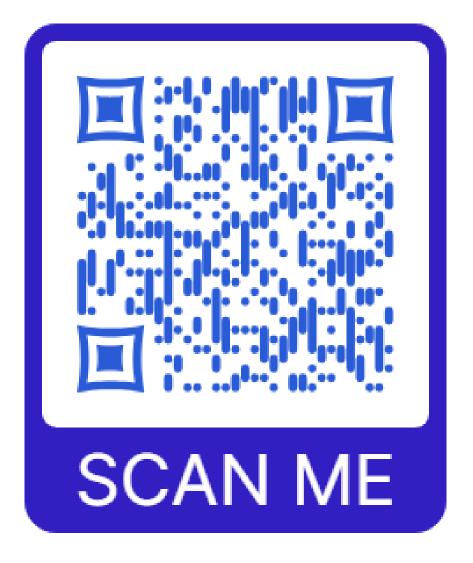






CONTACT ME:

rvela@ucanr.edu







GIV NGDAY

UNIVERSITY OF CALIFORNIA Agriculture and Natural Resources

May 16-17 Noon to Noon

donate.ucanr.edu



Celebrate Asian American & Pacific Islander Heritage Month

Friday, May 31, at 12 noon Via Zoom



ANR Moves Video

https://ucdavis.app.box.com/s/wrp66ymv6zzk91gexkyj5j4ps9nbmeu1



THANK YOU!

The next town hall will be Star Awards Thursday, June 20, 2024

