

UC Cooperative Extension in Santa Barbara County

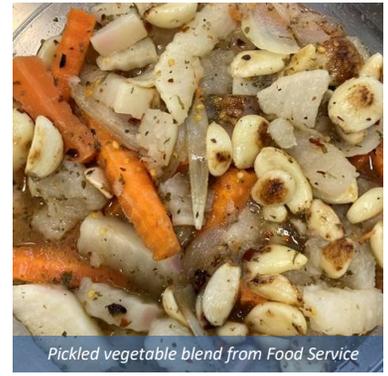
HEALTHY FOOD SYSTEMS • HEALTHY ENVIRONMENTS • HEALTHY COMMUNITIES • HEALTHY CALIFORNIANS

FROM THE FIELD:

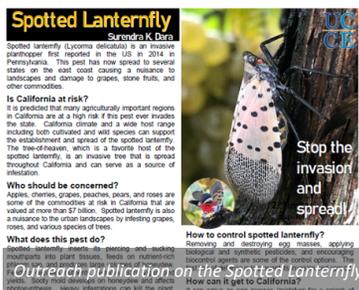
Over 220 pounds of produce was harvested from 3 school gardens in 2021 with the help of CalFresh Healthy Living, UCCE staff and partners. Produce goes to the school communities through partnerships with district food service.

"[Our chef] has been working hard in the kitchen, getting creative with your beautiful veggies! He made a pickled vegetable blend with the turnips, a mashed potato with turnips, roasted turnips, and steamed beets. I hope the kids like it!"

~ Food Service Director in Santa Barbara County



Pickled vegetable blend from Food Service

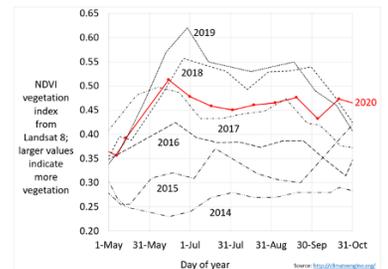


ENTOMOLGY AND BIOLOGICALS

The entomology and biologicals program published scientific and outreach articles on [biopesticides](#), [fungal and bacterial endophytes for controlling plant-parasitic nematodes](#), and the [invasive spotted lanternfly](#). The publication on the spotted lanternfly helps Californians address the potential invasion and spread of this invasive pest. The program is also working on mapping areas in California that are vulnerable to the spotted lanternfly. Additionally, the leading researcher, Dr. Surendra Dara, participated in multiple podcasts in [California Ag Today](#) and [AgNet West](#).

WATER MANAGEMENT & BIOMETEOROLOGY

The water management and biometeorology program has been teaching growers how to use public satellite data as a farm diagnostics tool to improve their understanding of crop performance in their own fields. This analysis can identify problems such as non-uniform irrigation applications and declining growth over time due to disease, inadequate nutrients or loss of functional foliage. The analysis can be particularly useful to managers who take over farms with no records of past performance, as the available satellite data goes back many years. Advisor Mark Battany will be offering a formal webinar to demonstrate the potential applications of this free technology to growers in May.



Satellite vegetation index (NDVI) for a vineyard, vegetation level increased steadily from 2014-2019 as expected, suffering a reduction in 2020

NEW OFFICE LOCATION UPDATE

The new UC Cooperative Extension office in Santa Barbara County is nearing completion for a planned occupancy date of July 1st! The Santa Maria Valley location will be home to the 4-H and nutrition education programs, as well office space for academic's working in agricultural programs. The landlord is modifying the building to comply with all University safety requirements and meet the program needs. Our initial lease is for 7-years and renewable in 5-year increments. We look forward to serving our clientele from this location for many years to come!



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Quarterly Report
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