

# UCCE-UC IPM BIOLOGICS EDUCATIONAL

## WEBINAR SERIES

Free Event

Register at:

<https://ucanr.edu/sites/ucexpertstalk/>

UC  
CE



**10**  
**Nov**

**SO MANY PRODUCTS, SO MUCH CONFUSION:  
EFFECTIVE USE OF BIOSTIMULANTS IN MODERN AGRICULTURE  
AND THEIR ROLE IN NUTRIENT USE EFFICIENCY**  
Professor Patrick Brown, Department of Plant Sciences, UC Davis  
3- 4:15 pm PST, 1.0 CCA CEU

**BIOLOGICAL PLANT GROWTH REGULATORS:  
EXPERIENCE, FACTS, AND FUTURE**

Michael Rethwisch, MSc, UCCE Farm Advisor, Riverside County  
3- 4 pm PST, 1.0 CCA CEU

**18**  
**Nov**

**BIOSTIMULANTS FROM A REGULATORY PERSPECTIVE**

Nick Young, Senior Environmental Scientist,  
CDFA-Fertilizing Materials Inspection Program  
3- 4 pm PST

**3**  
**Dec**

**SYNERGISTIC OR ANTAGONISM?  
INTEGRATING CROP BIOLOGICS INTO IPM**

Dr. Surendra Dara, UCCE Farm Advisor,  
San Luis Obispo and Ventura Counties  
3- 4 pm PST, 1.0 DPR & CCA CEU

**9**  
**Dec**

Contact: Dr. Zheng Wang, UCCE Vegetable Advisor  
(209) 525-6822

[zzwwang@ucanr.edu](mailto:zzwwang@ucanr.edu)



## Survey of Your Understanding of Crop Biostimulant

Crop biostimulants are not biopesticides (suppressing pest and disease); instead, they are “substances or microorganisms that, when applied to seeds, plants, or the rhizosphere, **stimulates natural processes to enhance or benefit nutrient uptake, nutrient efficiency, tolerance to abiotic stress, or crop quality and yield.**” Common active ingredients of biostimulants, which are distinct from those in biocontrol agents, comprise growth promoting bacteria and/or fungi, mycorrhizae, seaweed extract, humic substances, kelp, or plant hormones.

To better help vegetable growers with the use of crop biostimulant and implement our future research and extension programs, please spend a few minutes filling out the anonymous survey ([http://cestanislaus.ucanr.edu/Agriculture/Vegetable\\_Crops/Biostimulant\\_Survey/](http://cestanislaus.ucanr.edu/Agriculture/Vegetable_Crops/Biostimulant_Survey/)) to share your experience, concerns, confusion, and hopes about an efficient use of these biologics. Your response will be used for research and educational purposes only. Your participation is highly important and greatly appreciated.