

Professional Course Agave in California

MODULE 1. Agave Agronomy: Practices for Sustainable and Profitable Production [website]

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AGAVE PRODUCTION IN CALIFORNIA

MODULE 1. Agave a wonderful Plant and First Agricultural Practices

4 WEEKS

[semester], # units/credits

Lecture:	One lecture per week of 2 hours. <ul style="list-style-type: none"> - 1.5 hour of asynchronous lecture through videos watched on your own - 0.5 hour of whole group discussion Thursday 5 to 7pm 1 session October 30th 2nd session November 6th 3rd session November 13th 4th Session November 20th Location: Accessed remotely on zoom [zoom link]
Hands on session:	Field day November 15 th Location: Madera College
Instructor(s) Agricultural Production and Economic Analysis:	Dr. Yessica V. Fernandez Galicia, Email: yesfernandez@ucdavis.edu Office hours: Wednesdays #:#- #:# pm. Request a meeting at: [calendly] Office hours: Wednesdays #:#- #:# pm. Request a meeting at: [calendly]
Instructor Soil Health and Regenerative Agriculture	Srabani Das (information)
Instructor Policy and Water Management:	Dr. Samuel Sandoval Solis, Email: samsandoval@ucdavis.edu Office hours: Wednesdays #:#- #:# pm. Request a meeting at: [calendly]
Required Materials:	Materials will be posted on Canvas [website link] Books: [list of materials] Videos: [web links] Software: Google Sheets (alternatively Excel) and a simple electronic calculator.

Grading

Attendance and Participation:	Attendance and active participation in discussion sessions	30%
Readings and Quizzes	Class Quizzes	10%
Term project:	Agave farm management plan Team Project – Sections assigned to students 1) Description of production area, due [DATE] 2) Environmental characterization of the location and selection of species suitable for agroclimatic conditions. [DATE] 3) Cultural relevance and respect aspects to be incorporated in agave production [DATE] 4) Description of Agricultural practices: Establishment, ag. Practices, seeding, propagation, preventive pest and disease management practices [DATE]	60%

	5) Description of Agricultural practices: Integrated Pest Management, field inspection and labor, [DATE] 7) Presentation (10 min) due [DATE]	
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Attendance Rules

Attendance Etiquette:	Arrive on time. If you are not attending class or the hands-on session, please let the instructor know about it. During the remote session, please turn your cameras on
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Class Calendar

	Instruction Begins [DATE]		
We ek	Date	Session	Term Project
Agave a wonderful Plant and First Agricultural Practices			
1	Thursday 30, Oct	Agave a Wonderful Plant Agricultural practices Establishment (First part)	Env Charac. Prod. Area
Soil Health and Regenerative Agriculture			
2	Thursday 6, Nov	Soil Health and regenerative Agriculture	Prod. Area
General Agricultural Practices: Establishment and field inspections			
3	Thursday 13, Nov	General Agricultural Practices: Establishment and field inspections	Prod. Area
	Saturday 15, Nov	Field visit, field practices	
Propagation, Pruning and Pest and disease management			
4	Thursday 20, Nov	Propagation bulbils, and seeds Pruning. Pest, diseases and predators	Prod. Area

HOMEWORK ASSIGNMENTS

READING ASSIGNMENTS

DISCUSSION SESSIONS

FIELD VISITS

LINKS USED IN LECTURE

Student and campus resources

