



UC Cooperative Extension Mid-season “Open House” of Grafted Watermelon Field

When: Tuesday, June 29, 2021, from 8:00 to 11:00 am. You can come to the field at any time in between.

What to do: You will view and walk through a grafted watermelon field including combinations of two scions (7187 and Fascination) onto four rootstocks (Flexifort, UG29A, RS841, and XSQ9901). All grafted and non-grafted plants are transplanted at 3, 4, and 6-ft in-row spacings, reflecting various plant populations. The study is a repeat from 2019.

We will also have a table from California MasterPlant to demonstrate grafting, and you will have an opportunity to gain hands-on experience and graft a watermelon plant.

Where: Physical address: 3140 E Monte Vista Rd., Ceres, CA 95307. You can also scan the QR code below to get driving directions.

Questions? Contact Dr. Zheng Wang at 209-525-6822 or zzwwang@ucanr.edu.

SCAN ME



Attendees may request meeting accommodations by contacting our office at (209) 525-6800.

2021 Watermelon Grafting and In-row Spacing Trial

Feel free to print this handout for your convenience. It will also be provided at the field.

Location: 3140 East Monte Vista Rd., Ceres, CA 95307

Rootstocks: RS841, Flexifort, UG29A, and XSQ9901

Scions: Fascination, 7187

Pollinizer: Wild Card Plus

In-row plant spacing: 3 feet (full population), 4 feet (25% population reduction), 6 feet (50% population reduction)

Trial description: Field was transplanted by hand on April 26. There are 10, 7, and 5 seedless plants and 3, 2, and 2 pollinizers per plot (30-ft long) for spacings of 3 ft, 4 ft, and 6 ft, respectively. A pollinizer is placed after every three seedless plants (between the 3rd and 4th plant).

Treatments: 1-10: planting in 3 feet; **11-20:** planting in 4 feet; **21-30:** planting in 6 feet

1 Fascination/RS841; **2** Fascination/Flexifort; **3** Fascination/UG29A; **4** Fascination/XSQ9901; **5** Nongrafted Fascination;
6 7187/RS841; **7** 7187/Flexifort; **8** 7187/UG29A; **9** 7187/XSQ9901; **10** Nongrafted 7187

11 Fascination/RS841; **12** Fascination/Flexifort; **13** Fascination/UG29A; **14** Fascination/XSQ9901; **15** Nongrafted Fascination;
16 7187/RS841; **17** 7187/Flexifort; **18** 7187/UG29A; **19** 7187/XSQ9901; **20** Nongrafted 7187

21 Fascination/RS841; **22** Fascination/Flexifort; **23** Fascination/UG29A; **24** Fascination/XSQ9901; **25** Nongrafted Fascination;
26 7187/RS841; **27** 7187/Flexifort; **28** 7187/UG29A; **29** 7187/XSQ9901; **30** Nongrafted 7187

REP 3	1	2	3	4	5	9	7	8	6	10	REP 4	28	27	30	29	26	23	22	25	24	21
	18	17	16	19	20	12	14	13	11	15		2	1	3	5	4	9	7	8	10	6
	24	25	23	21	22	27	30	28	26	29		14	12	11	15	13	18	19	20	17	16
REP 2	19	20	17	18	16	15	12	11	14	13	REP 1	18	17	19	16	20	12	11	13	15	14
	22	21	25	24	23	26	29	27	30	28		7	8	10	9	6	3	1	2	5	4
	4	3	5	1	2	6	9	10	7	8		30	27	29	28	26	23	21	22	24	25

E Monte Vista Rd.