

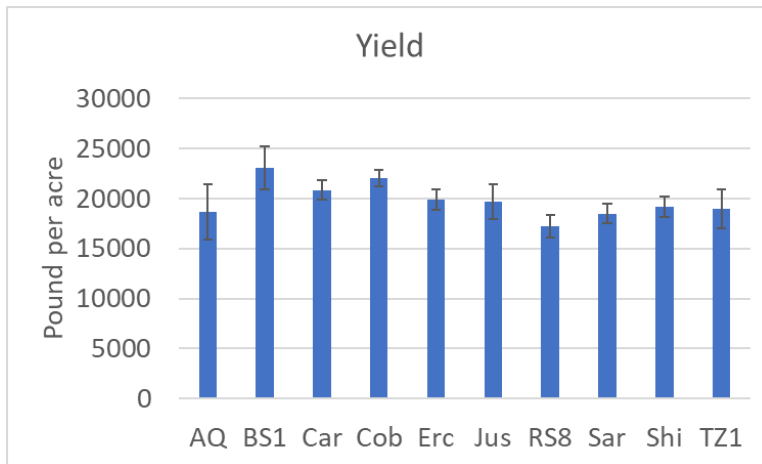
The Barrios Lab at UNR conducted the 2021 field experiments in Fallon and Reno, Nevada.

- May 26th: Transplanting at Lattins Farm, Fallon.
- June 10th: Transplanting at the Valley Road, NAES, UNR
- Harvests in progress:
 - Lattins Farm: Started on July 23rd. A total of 8 harvests so far.
 - Valley Road: Started on August 13th. Two harvests so far.

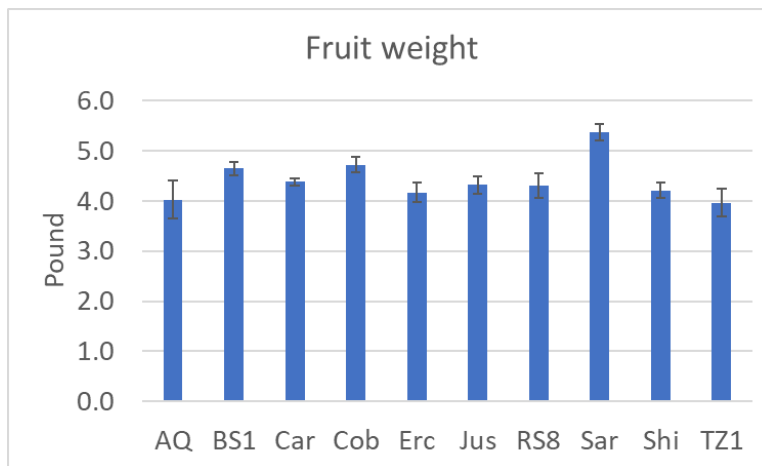
Main objective for 2021 field experiments:

1. Evaluate and select melon rootstocks that enhance early crop establishment and performance of grafted cultivars under desert climates.
 - A total of nine rootstocks were grafted with the same cultivar (Sarah’s choice). The own-rooted cultivar was used as a control. A total of 10 plant types (phenotypes) were used.

Preliminary results from Lattin Farms field experiment:



- Several rootstocks tend to increase yield compared to the ungrafted Sarah’s Choice (Sar).



- Individual fruit weight tends to decrease in most grafted plants.

Rootstocks: AQ; BS1; Carnivore (Car); Cobalt (Cob); Ercole (Erc); Just (Jus); RS8; Sarah’s Choice (Sar); Shitosa Camelforce (Shi); TZ148 (TZ1).

Information: <https://naes.unr.edu/barrios/> and https://projects.sare.org/sare_project/sw20-918/