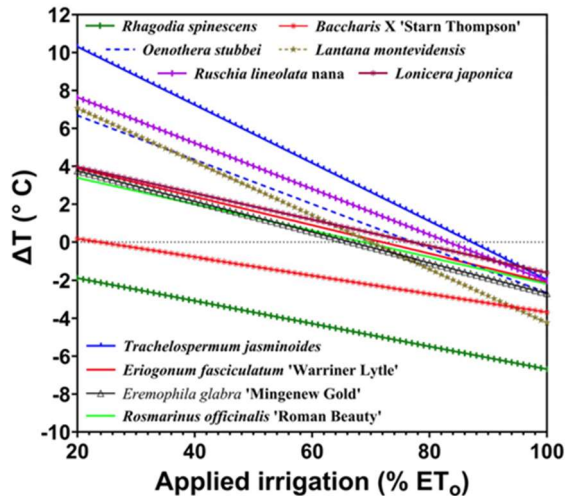

Scientific name: *Eriogonum fasciculatum* 'Warriner Lytle'

Common name: Buckwheat

Origin: USA

Minimum Summer Irrigation: 20% ET_o (under full sun)

Cooling potential under deficit irrigation: High



Study area: Riverside, California (UCR Agricultural Experiment Station)

Plot establishment: 2019 | **Irrigation trial:** 2020-2021 (May-October):

Soil type: Hanford coarse sandy loam

Irrigation system: 12-inches tall quarter-circle pop-up heads (Toro 570Z series; The Toro Company, Bloomington, MN, USA) with pressure-compensating precision series spray nozzles (Model 0-10-Q, The TORO Company), Hunter PGV-101G solenoid valve (Hunter Industries, Inc., San Marcos, CA)

Irrigation scheduling: Automatic by a Weathermatic SmartLine SL4800 smart controller

Watering days: 3-4 days per week

Irrigation Efficiency (Low half distribution uniformity based on catch-cans test): 86%

Pruning height: 15 inches
