

Water use efficiency in agriculture

In Santa Clara County, as in the rest of California, a water shortage is in effect. Growers, like the urban population, must use water with maximum efficiency. Well-maintained systems and accurate scheduling are keys to efficient irrigation.

Helpful tips

Hand-move pipe and solid set sprinkler systems

- Do not irrigate in the wind. No other measures will compensate for wind deflection of your water.
- Replace worn and wrong-sized nozzles.
- Replace or rebuild sprinkler heads if needed.
- Use pressure regulators under the sprinklers to compensate for pipe friction losses.
- Do not run more heads than the pump can supply with full spec pressure.

Hand-move pipe sprinkler systems

- Tighten lateral spacing to increase uniformity.
The water district can give you the appropriate spacing for your pressure and sprinkler model.

Hand-move pipe and solid set sprinkler systems

- Balance the system.
- If you are laying new tape, make sure you have sufficient tape diameter for your planned run lengths.
- Operate at slightly higher pressure to increase distribution uniformity.

Useful tools

On-line irrigation scheduling calculators

You can use these calculators to estimate the irrigation water used by your crop the last few days (in arrears), or to forecast your crop's water use in the coming few days (in advance).



Hand-move pipeline

California Irrigation Management Information System (CIMIS) web page

This valuable, free service provides current reference evapotranspiration data to help you maintain the most efficient irrigation scheduling. The water district operates a CIMIS station in Morgan Hill and an additional local weather station west of Saratoga.
More information: www.valleywater.org (click on the "Water" link found at the top of the page, then "Water in agriculture")

Mobile Lab: pump and system efficiency test program

Find out how uniformly your irrigation system is applying water to your crops with the Farm Bureau's service. An experienced technician will analyze your system's performance and suggest improvements where appropriate.

Mobile Lab contact information: (800) 675-6602

For questions regarding any of the information on this fact sheet, or to schedule an irrigation system evaluation during one of your normally scheduled irrigations, please call Bob Siegfried at (408) 265-2607, ext. 2969, or e-mail rsiegfried@valleywater.org.

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What we do

The Santa Clara Valley Water District manages water resources and provides stewardship for the county's five watersheds, including 10 reservoirs, hundreds of miles of streams and groundwater basins. The water district also provides flood protection throughout Santa Clara County.

Visit our website, www.valleywater.org.

Where your water comes from

The water we use comes from a variety of sources: groundwater, runoff captured in local reservoirs, water imported from the Sacramento-San Joaquin Delta and recycled water.

Local rainfall, or runoff, flows into one of 10 water district reservoirs in Santa Clara County for storage and blending with imported water before groundwater recharge or treatment at one of three drinking water treatment plants.

Much of the county's water supply is pumped from the ground. As part of its comprehensive water supply program, the water district imports water from the Sacramento-San Joaquin Delta and releases it into local creeks where it sustains the aquatic habitat and percolates into the underground aquifers through the natural streambed.

The water district is the wholesale water provider to 13 local water retail agencies, including San Jose Water Company.

Translations

此份聖塔克拉谷水利局 (Santa Clara Valley Water District) 的通知是要讓你知道，水利局已安排在您附近地區進行一項施工工程。要了解工程的詳細情形，請致電 (408) 265-2607 轉分機 2631。

Thông báo này của Nha Cấp Nước Santa Clara Valley (Santa Clara Valley Water District) về dự án xây dựng được dự trữ tiến hành trong khu xóm của quý vị. Muốn biết thêm chi tiết về dự án này, xin gọi (408) 265-2607, số chuyển tiếp (ext) 2488.

Ang paunawang ito ay mula sa Santa Clara Valley Water District upang ipagbigay-alam sa inyo ang proyektong nakatakdang gawin sa inyong lugar. Para sa karagdagang impormasyon tungkol sa proyektong ito, mangyaring tumawag sa (408) 265-2607 extension 3714.

Este aviso del Distrito de Aguas del Valle de Santa Clara (Santa Clara Valley Water District) es para informarle sobre un proyecto de construcción que está programado en su zona. Si desea más información sobre este proyecto, por favor llame al (408) 265-2607, extensión 2297.



Save Water
California is in a drought.
Reducing water use is easy.
For water-saving tips, a free Water-Wise House Call or rebates offered by Valley Water, go to valleywater.org or call **408.265.2607**, ext. **2554**.

Once it's on it's gone.

Pollution hotline

To report illegal dumping of hazardous materials in, or around reservoirs and creeks, please call **1-888-510-5151**.

Contact us

For more information, contact **Bob Siegfried** at **(408) 265-2607, ext. 2969**, or visit our website at www.valleywater.org and use our **Access Valley Water** customer request and information system. With three easy steps, you can use this service to find out the latest information on the project or to submit questions, complaints or compliments directly to a district staff person.

