



News for Immediate Release  
November 14, 2003

**Contacts:**

- [Morteza N. Orang](#), DWR Ag Water Use, (916) 653-7707
- Richard L. Snyder, UCD Biometeorologist, (530) 752-4628
- [Don Strickland](#), DWR Information Officer, (916) 657-4469

**DWR AND UC DAVIS DEVELOP FARM WATER COMPUTER MODELS**

The Department of Water Resources and the University of California at Davis have developed two state-of-the-art computer models for estimating California agricultural water demand. These models are completed and ready to be released free of charge on compact discs.

One model is called the Consumptive Use Program and was designed to help farmers determine their crop water requirements. It comes in both metric and English measurement unit versions. To use the program, users must have Microsoft Excel 2000 or higher installed on their computers.

The other model is called SIMETAW, designed to assist the State of California in planning for future agricultural irrigation water demand. It can help water agencies and researchers simulate daily weather conditions and net crop water requirements for multiple future years. While allowing users to plan agricultural water demand, it can also be used to study the effect of climate change on water demand in California. SIMETAW is written in Borland Professional C++.

More information on CUP and SIMETAW is available at DWR's Website at:

<http://www.waterplan.water.ca.gov/landwateruse/wateruse/Ag/wuagricultural.htm>

---

The Department of Water Resources operates and maintains the State Water Project, provides dam safety and flood control and inspection services, assists local water districts in water management and water conservation planning, and plans for future statewide water needs.

[Back to Top of Page](#)

---

Visit [Archived News Releases](#) or return to the [DWR Home](#)

Contact the [DWR Office of Water Education](#) for more information about DWR's water activities.