

RECHARGE READY TOOL



Scan the QR code to access the
Recharge Ready Tool!



The Recharge Ready Tool, provided by Glenn County Resource Conservation District, is an online resource designed to help users understand groundwater recharge potential, identify fields suitable for recharge in Glenn County, CA and access information on permitting, crops and field practices related to recharge.

Explore the Recharge Ready Tool here:

<https://www.glenncountyrcd.org/sustainable-groundwater>

The Recharge Ready Tool provides growers and landowners with a way to evaluate if their fields may be suitable for groundwater recharge. Through an interactive mapping platform, users can explore recharge suitability, water availability, recharge methods, and planning scenarios. The tool helps to evaluate recharge potential of specific fields based on soil types, crop type, water availability, and conveyance considerations to help identify locations where on-farm recharge may be most feasible.

By integrating planning assumptions with site-specific information, the tool helps users understand the opportunities and constraints associated with groundwater recharge implementation. One useful feature of the tool is the ability to explore how different crop types might affect recharge suitability.

While the Recharge Ready Tool is not intended to replace site-specific engineering or hydrogeologic evaluation, it serves as a valuable first step in project screening and planning. The tool helps answer fundamental questions such as: Is my property suitable for recharge? What infrastructure or conveyance considerations might affect project feasibility?

Recharge projects are often most successful when developed collaboratively among growers, water districts, Groundwater Sustainability Agencies (GSAs), and local agencies. Planning resources such as the Recharge Ready Tool can help facilitate those conversations.

BACKGROUND

Groundwater recharge has become an important strategy for improving water supply reliability and supporting California's Sustainable Groundwater Management Act (SGMA). During wet years, excess surface water can be intentionally directed to agricultural fields, where water infiltrates into underlying aquifers for storage and later use. Recharge projects can help offset groundwater overdraft, improve drought resilience, and increase long-term groundwater sustainability.



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