



INMP Summary Report - March 1 Due Date Reminder

INMP Summary Report

What to Complete by March 1, 2025

Submit your INMP Summary Report to the coalition for the 2024 crop year through your **Member Portal** online. A \$50 administrative fee will be assessed for late submittals. To access your member portal, go to: krwqcmemberlogin.com

How to Complete

All INMP Summary Reports should be submitted through the KRWQC **Member Portal** online. Please contact the Coalition if you do not have access to your Member Portal.

INMP Worksheet

What to Complete by March 1, 2025

Start the planning portion for the 2025 crop year and certify for members who are an outlier or in a high vulnerability area. This is an on-farm requirement only.

How to Complete

Download the INMP Worksheet and complete the "Recommended/Planned N(A)" section and keep on farm.

Certification of the INMP Worksheet is required for parcels located within a high vulnerability area or within low vulnerability areas on parcel(s) identified as an outlier. Certification can be obtained using a CCA (search Specialty Training - "CA CDFA Nitrogen Training" or by successful completion of the grower self-certification course. Visit: kingsriverwqc.org/inmp/

The "Actuals" sections of the INMP Worksheet should be completed post harvest.

Irrigation & Nitrogen Management Plan Resources



Information on calculating nitrogen in irrigation water, evapotranspiration crop water use, CDFA fertilization guidelines, finding a Certified Crop Advisor, and more is available.

Board Member Spotlight

Scan QR Code to Watch interview with KRWQC Board Member Manny Amorelli



youtube.com/watch?v=I3RhOXxVmvU



Distribution Uniformity

An ideal moisture profile for irrigated crops occurs when the soil's moisture is maintained from the surface down to just below the rootzone. Distribution uniformity (DU) is how evenly water is distributed across a field, which can have an impact on a field's productivity. One of the largest benefits of using micro irrigation, over flood irrigation, is being able to substantially increase a field's DU.

Flood irrigation tends to have a lower DU because water percolates into the soil on the side of the field where water enters the furrows or checks, e.g. valves, poly pipe, or irrigation ditch. There are modifications that can be used to assist with improving irrigation efficiencies with flood irrigation, but some of these modifications can be challenging.

Benefits of High Distribution Uniformity

Better distribution of nutrients via the irrigation system (aka fertigation)

Reduce water usage with increased precision

Better crop yields due to nutrient and water availability to the plant

Ability to irrigate uneven terrain

Kings River Water Quality Coalition
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Important Coalition member updates enclosed

Flood Irrigation



This is a general illustration. Factors such as slope and soil type greatly influence how well and fast water can move across a field.

Micro Irrigation



This is a general illustration. With Micro Irrigation system line pressure, emitter types, and maintenance play a key role in high UD.

It is easier to have a higher Distribution Uniformity with micro irrigation than with flood irrigation.

Certain factors such as slope, soil, and crop types can heavily influence whether or not it is worth switching from flood irrigation to micro irrigation, but it is important to consider regardless of the farming operation's size. To learn more about your field's DU and irrigation efficiency a simple evaluation can be performed on fields that already have micro irrigation systems installed. The University of California's UC Cooperative Extension center in Fresno offers irrigation efficiency testing services and consultation.

For those interested in evaluating their irrigation system, contact Dr. Mae Culumber, Ph.D. at (559) 241-7526 or via email at cmculumber@ucanr.edu.