Irrigation Water Sampling

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Irrigation water sampling is an important nutrient monitoring practice to evaluate irrigation pH, electrical conductivity (EC), alkalinity, and nutrient status. Results will allow growers to determine if alkalinitiy neutralization is need and to select the appropriate fertilizer for the water source. To sample irrigation water for routine nutrient analysis, please follow this general procedure:



Turn on irrigation line and allow water to run for 5 minutes to clear the irrigation line thereby obtaining a clear water sample.

Label a 16-ounce plastic bottle with identify sample information.

Rinse the clean 16-ounce plastic bottle 2 to 3 times with the irrigation water to be tested

Fill the clean 16-ounce plastic bottle and tightly cap the bottle.

Provide all requested information to your preferred lab such as irrigation water source, water conditioners, fertility regimen, crop notes, and/or nutrient disorder symptoms.

Mail or ship irrigation water sample(s) within 24 hours of sampling.













