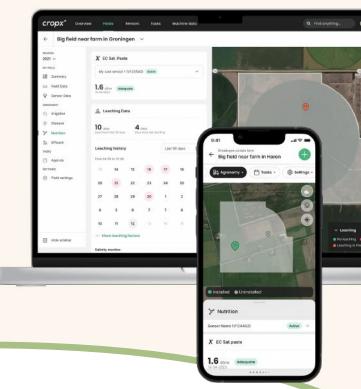
cropx

ENSURE SOIL SUPPORTS GROWTH

NUTRITION MONITORING

By measuring EC Saturation Paste and providing expert insights, CropX helps farms control costs while maximizing yields with this first-of-its-kind solution for continuously monitoring salinity and nitrogen leaching. Notifications of leaching events are sent directly to your phone while the history and factors behind are recorded.



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EC Saturated Paste

Evaluates the plant salt and nutritional levels in real time



Salinity Monitoring

Provides real-time measurements of salinity in the soil, allowing users to see salt buildup

Leaching Records

Track and report a season-long view of nitrogen leaching events

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Fertilizer Application Records

Manually enter nitrogen application activities for tracking and record keeping purposes

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Leaching Data

Graphical view of the variables that contribute to nitrogen leaching

Continuously Monitor Nitrogen

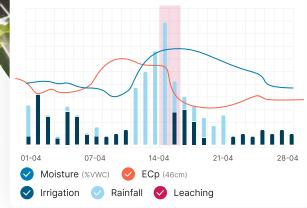
Monitor plant uptake and utilization of crop nutrients throughout the season. Know what your crop is absorbing, what's available for future uptake, and if nutrients are being lost.

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	Leaching Data						
	10 days Leaching in last 30 days Days since last leaching						
	Leaching history				Last 30 days		Ħ
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
N.	27	28	29	30	1	2	3
1	4	5	6	7	7	8	9
2	10	11	12	13	14	15	16

<u> <u> ↓</u> Leaching factors </u>

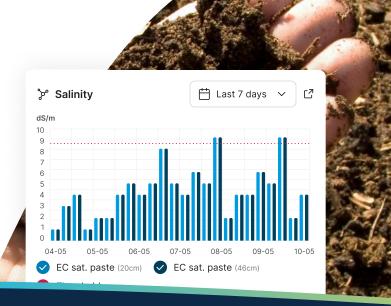
Leaching is driven by soil moisture and nutrient concentrations. CropX uses a combination of sensor data along with soil and weather parameters to identify leaching events, allowing for timely soil management to minimise nutrient loss and boost crop health.

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Reduce Impact of Leaching Events

Users can track and report a season-long view of nitrogen leaching events to demonstrate responsible nitrogen management, or establish the conditions that lead to leaching events then make adjustments to prevent future occurrences.



Manage Soil Salinity Levels

This solution for salinity monitoring is easier, less time-consuming, and able to supply immediate results compared to conventional lab soil sample method of measuring the saturated paste EC (electric conductivity).

