GROUNDWORX®

ROOT-ZONE INTELLIGENCE

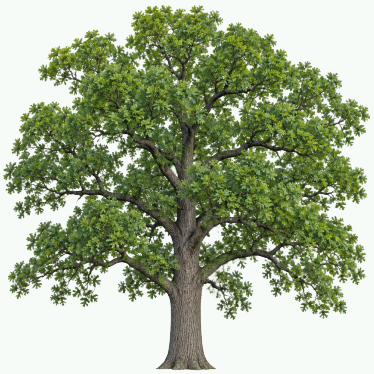
GX-1F

Flex-cord wireless soil sensor

> Invisible below ground.
> Intelligent above it.

Standalone. Wireless. Autonomous.

GX-1F shown above ground for product detail.
Installed just below the surface, out of sight.



WHITE OAK / Quercus alba
Most tree roots: upper 12–18 inches*
*General guidance; site conditions vary.

01 Flexible root-zone placement

Selected sensing depth: 1–44 inches.
Custom cord lengths up to 5 meters.
Readings represent the sensing location, not continuous coverage of the entire root zone.

02 Built for independent operation

Standalone LTE wireless connectivity.
Autonomous root-zone monitoring.

03 Long-life power

76 Ah industrial battery.
7-year maintenance-free power life.

04 Precision deployment mapping

±6 inch GPS location precision.
Find and service each mapped sensor.

05 Made for living landscapes

Trees, vineyards and planted spaces.
IP67 waterproof protection.

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READINGS / DAY

Measured root-zone conditions
Moisture (VWC) / Temperature / Salinity / Dielectric
One reading every 10 minutes.

$850 per sensor
GAIN service $325/year ($30/mo)
À la carte pricing, per sensor.

GAIN

Turn readings into timely action.

Deep Learning AI • predictive stress alerts • field tasks
Team communications native to the GAIN mobile app.

getgroundworx.com/solutions/trees

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