

## PRESS RELEASE

### Perth Stadium - EnviroPro<sup>®</sup> soil moisture sensors selected by stadium turf specialists to maintain the playing surface.

EnviroPro<sup>®</sup> soil moisture sensors will monitor over 17,000m<sup>2</sup> of turf inside the new Perth Stadium. The turf, to be laid in mid-2017, is the same as used at ANZ Stadium (Sydney), Eden Park (Auckland), Gabba (Brisbane), nib Stadium (Perth) and MCG (Melbourne). The multi-purpose 60,000 seat Perth Stadium will be a world-class venue capable of hosting major sporting and entertainment events.

#### About EnviroPro<sup>®</sup>

EnviroPro<sup>®</sup> is ground-breaking technology that can help reduce water consumption, cut energy costs, achieve higher yields and deliver better quality produce. For more than 20 years EnviroPro<sup>®</sup> has established a global reputation in sub-surface capacitance soil sensor technologies for continuous, precise measurement of soil moisture, temperature and salinity.

By creating a high frequency electrical field around each sensor and into the surrounding soil, the sensors detect the minute changes in dielectric constant, or permittivity of the soil. The greater the amount of water, the smaller the frequency measured by the sensors. The soil moisture sensor provides an output in volumetric water content (VWC) – (mm of water per 100 mm of soil measured). Whilst each probe is supplied fully tested and calibrated at our factory, user defined or site specific calibration equations

can also be applied to each individual sensor if required to suit varying soil profiles at different depths. EnviroPro<sup>®</sup> sensors are also the first in the world with salinity compensated moisture readings.

Our-top-of-the-line sensors measure VWC, Temperature and EC (salinity) and can distinguish between soil water content and salt content. They are suitable for use in all soil types under all conditions from saturated to oven dry.

EnviroPro<sup>®</sup> soil sensors are used in some of the world's largest and most sophisticated farming enterprises, university and research organisations, government departments, manufacturers of telemetry equipment and agronomy service providers.

As the world's first soil moisture sensor with salinity error compensation, EnviroPro<sup>®</sup> sensors are renowned for their performance, accuracy and reliability when compared to all other soil sensor products in the marketplace today.

EnviroPro<sup>®</sup> sub-surface Soil Probes are long-life, maintenance free sensors, and once installed never need re-calibration. The electronics/sensors are fully encapsulated and each probe comes with a 5-year warranty.



Image courtesy of Perth Stadium