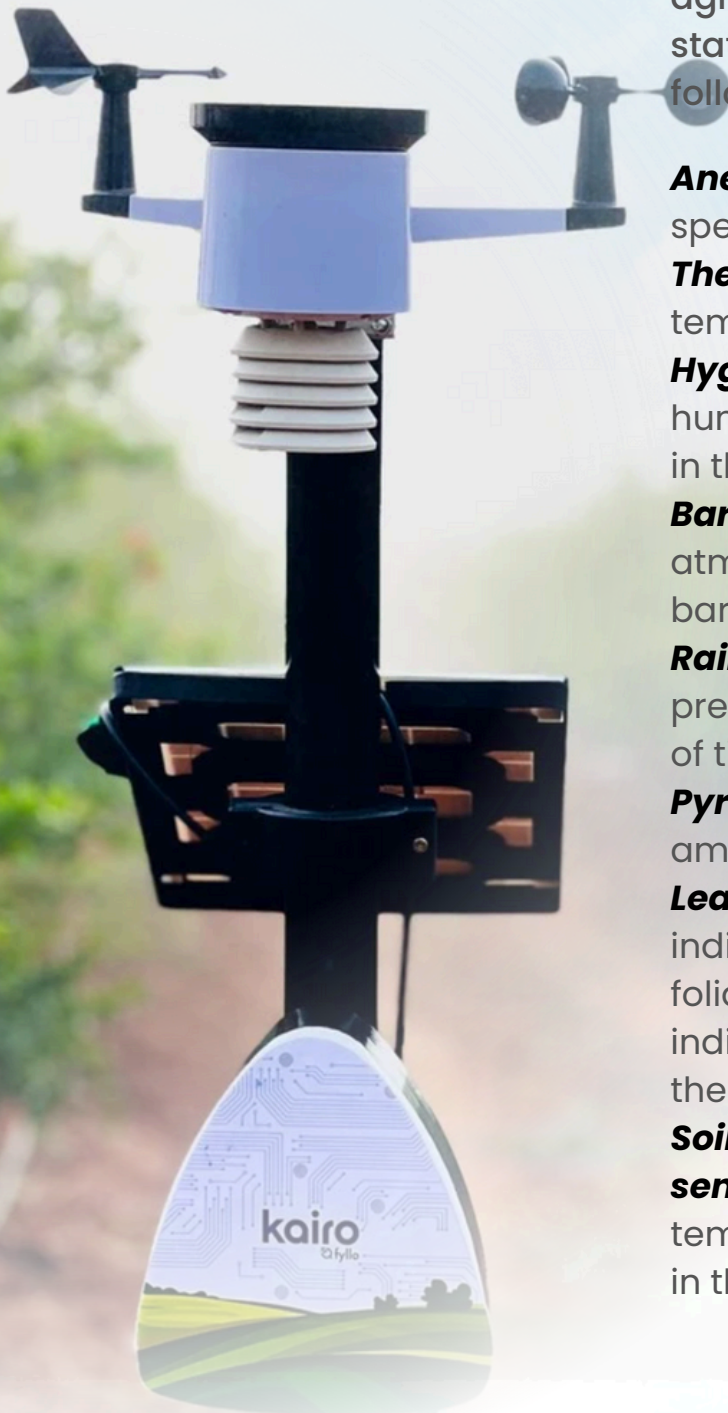




**Contact for more details:**  
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# Weather Station



A solar-powered IoT weather station with comprehensive sensors provides essential weather insights, it helps farmers in smart decision-making.

Its advanced software provides live farm data, precise fertilizer & spraying schedules, weather prediction, irrigation alerts, pest & disease prediction, and location-specific insights and empowers farmers for optimal, sustainable agriculture. This on-farm weather station is equipped with the following set of sensors:

**Anemometer:** to measure wind speed

**Thermometer:** to measure the air temperature

**Hygrometer:** to measure the humidity or amount of water vapour in the air

**Barometer:** to measure atmospheric pressure, also called barometric pressure

**Rain gauge:** to measure the precipitating rain in a given amount of time per unit area

**Pyranometer:** to measure the amount of solar radiation

**Leaf wetness sensor:** Provides an indication of whether the surface of foliage in the area is wet or dry by indicating how wet the surface of the sensor is

**Soil moisture & temperature sensor:** to measure the soil temperature and moisture content in the soil