

Grape Networks, Inc. Announces the Production of Their Micro-Climate Wireless Sensor Monitoring System for Vineyards; Expands Coverage at Beringer Vineyards

SAN RAMON, Calif.--(BUSINESS WIRE) November 1, 2006--Grape Networks™, Inc. today announced that production systems for the monitoring of micro-climates for vineyards will be available in the first quarter of 2007. The Company also announced the expansion of their current system at Beringer® Vineyards in Napa Valley.

The Climate Genie™ from Grape Networks™ consists of small battery powered nodes, often referred to as motes, to improve the yield and quality of crops. The Climate Genie™ transmits wirelessly; temperature, humidity, and light information between each mote, with built-in radios, for monitoring anywhere in the World via the Internet. These motes/routers form a wireless mesh network with up to thousands of individual motes that are 10-300 meters apart. Each mote can sense a few simple things, such as temperature, moisture, light, or other physical qualities but as an aggregate gathers enormous sums of data about the quality and vitality of the grapes in the vineyard.

With Grape Networks™' Climate Genie™ vineyards can be monitored on a much finer level than even today's precision agriculture techniques. Grape Networks™' data from the sensor motes are summarized within the network and sent via WIFI, Cellular, or Satellite to the Internet to servers for viewing anywhere in the world via a WEB browser. The Grape Networks™' software can also be integrated into the enterprise. When specified thresholds are exceeded alerts can be sent to any compatible Web enabled cellular/mobile phone.

The Climate Genie™ system can monitor the micro-climate of vineyards up to 100 acres. Multiple systems can monitor an unlimited number of acres World wide. Vineyard and Operations Managers can now, with granularity, monitor and make appropriate adjustments to increase both the production and quality of their grapes. This increase in yield and quality goes directly to the bottom line of the profits of the vineyard.

The Climate Genie™ System CG500 includes backbone motes (PN CG101) for range, and mobile motes (PN CG102), which come standard with 3 directional light sensors, or 3 photosynthesis sensors, digital temperature, and digital humidity sensors. A variety of soil moisture sensors (PN's CG301 to CG329) are available as options. Additionally, many custom sensors for climate monitoring are also available as options. The basic system includes an easy to read and understand WEB GUI interface, customer Website, and Microsoft® SQL server, and the ability to monitor 100 acres with any Web Browser or Web compatible cellular/mobile phone in the World. Optional data maps and graphs can be specifically designed for the vintner's requirements.

About Grape Networks™

Grape Networks™, Inc. a pioneer in Wireless Sensor Networks (WSNs) service, deployment and infrastructure, is headquartered in San Ramon, California. Its management team has extensive experience and expertise in the development of WSN technology and Vineyards. The company has partnerships with a number of the worlds' foremost authorities on wireless mesh sensor networks, platforms, applications and MEMS Sensors (Micro-Electro-Mechanical Systems). For more information, please call 925-830-1698, email: info@grapenetworks.com or visit: www.grapenetworks.com.