Good News for Farmers!

Magnetic technology attracts water savings

The use of magnatology for irrigation in which water is magnetised as it passes through pipes to vineyards is claimed to reduce consumption by up to 30 per cent and increase yields as much as 50pc. The supplier of the technology, Omni Environmental Group, based in Sydney, says these benefits have been reported by existing users of magnatology in viticulture throughout Australia. The claims are supported by John Violi at Violi Estates in the Riverina region, who has been using the technology for a year and recorded a 30-40pc increase in yields and a 10pc reduction in irrigation pipe pressure. Omni was established in 2003 with the objective of developing and acquiring technologies that are economically viable and environmentally sustainable, trading as Water for Life. Director James Oshana says the firm has international technical connections and laboratories, and researches water activation, energy resource saving, atmospheric science and nano medical technologies related to abnormalities in electromagnetic fields. “Our technical director is Professor Yuri Tkachenko, a member of the Russian Academy of Science, and his magnetic technologies are required to be implemented in all (Russian) state-run economies, such as agriculture, water treatment and purification, thermal energy, medicine, the petroleum and gas industries, and food biotechnology,” he said. “Magnetic processing of water is one of the better known physical techniques for scale prevention, increasing dissolvability and permeability, eliminating pathogenic bacteria, increasing oxygen content and reducing viscosity.”

Currently, in every state of Australia, there are hundreds of hectares of wine and table grapes being irrigated with magnetic water treatment systems developed by our company. “Existing users report water savings of 20-30pc and increased yields of 40-50pc.” Omni guarantees to deliver benefits in viticulture and horticulture by a minimum of 10pcM in water reduction, at least a 10pc increase in yields, an earlier harvest, superior crops, improved soil structure and increased productivity of poor quality, salt-affected recycled water. Mr Oshana says the magnetic induction systems are manufactured in a range for different applications and can handle any volume of water in any size pipe or irrigation system, including furrow, groove and channel. The systems are guaranteed for 10 years and supplied in a format that can be installed by growers themselves, except for stainless steel pipes where a plumber is needed. There are no moving parts, energy is not required and units for industrial use start at $750, and $165 for domestic applications. “We believe it is of significant national benefit to the viticulture, horticulture and agriculture industries that they use our water treatment systems, so we also offer a ‘try before you buy’ incentive,” Mr Oshana said. Mr Violi says his magnetic system is embedded in stainless steel pipes and the water passing through them is measured as it comes out to irrigate 240 hectares of grapevines. “We have measured a huge difference in water pressure and volume, and have probably saved up to 50pc in consumption with much better moisture penetration,” he said. “We have been getting up to a 30-40pc increase in yield and an increased tolerance to salinity and this is backed by a university in Sydney.”

Details: Water for Life (02) 9620 2151, waterforlife.net.au; Violi Estates 0412 696 885

Please call 1300 660 788 for an obligation free video!