

# StX Cosmic Neutron Detector

Integral determination of soil moisture at the field scale



StX detectors can determine when irrigation is needed and in what proportions. They assess the amount of water in the environment by measuring the cosmic neutron flux above the ground. The method (CRNS) does not depend on the chemistry of the soil, because the signal detected is related to the ratio of hydrogen (water) to any other element (soil).



For ecological agriculture that conserves water resources.