



ROOTS

Sustainable Agricultural
Technologies Ltd.

Flowers

Heating Flower Beds(*)

Embedded heating pipes in root zone during soil covering



Core operating system

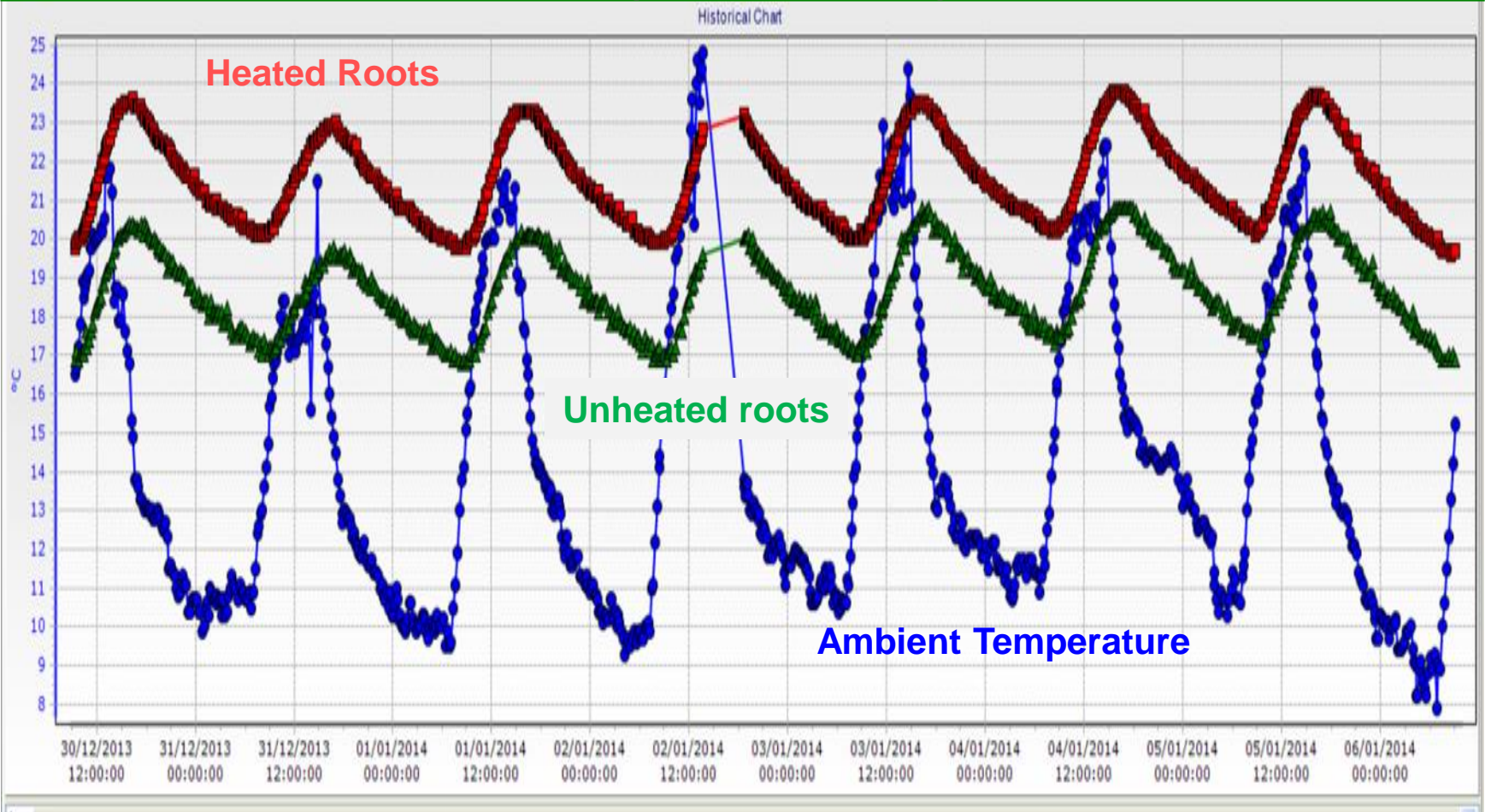


Heat Pump

() Commercial site, center of Israel, Heat pump only*

Heating Flower Beds(*)

The system was able to maintain stable temperatures near the roots during cold winter nights



Date and hour

(*) Commercial site, center of Israel, Heat pump only

Heating Flower Beds(*)



December 23, 2013
Left bed – control
Right bed – heated



Two weeks later
Left bed – control
Right bed – heated

(*) *Commercial site, center of Israel, Heat pump only*