

ICT International Pty Ltd

Advancing soil, plant and environmental decision making

ICT International Workshop a Palermo

Smart devices for estimating tree water relations and water status

Location: Università degli Studi di Palermo, Dipartimento SAAF, Aula Magna

Date: 7 October 2024

Speakers: Ben Umali and Francesca Rigato (ICT Australia Pty Ltd)

Workshop Program:

8:45 – 9:00 Registration

9:00 – 9:10 Overview

9:10 – 9:40 Principles and measurements of plant water relations (B. Umali)

9:40 – 10:00 Psychrometer chamber appreciation (B. Umali)

10:00 – 11:15 Psychrometer Demo installation in leaves and stems

11:15 – 11:50 Coffee Break

11:50 – 12:30 Plant water use measurement using sap flow technique (F. Rigato)

12:30 – 13:30 Basic data interpretation of sap flow and psychrometer; managing expectations (B. Umali)

