

# Supplementary Materials: The Effect of Different Organic Foliar Fertilization on Physio-logical and Chemical Characters in Hop (*Humulus lupulus* L., cv Cascade) Leaves and Cones

Margherita Rodolfi <sup>1,\*</sup>, Lorenzo Barbanti <sup>2</sup>, Cristiana Giordano <sup>3</sup>, Massimiliano Rinaldi <sup>1</sup>, Andrea Fabbri <sup>1</sup>, Luca Pretti <sup>4</sup>, Riccardo Casolari <sup>1</sup>, Deborah Beghé <sup>1</sup>, Raffaella Petrucci <sup>3</sup> and Tommaso Ganino <sup>1,3</sup>

## 1. Supplementary Information

Beginning and final date	Result	U.M	Method	LQ
Structure	0,64	%	D.M. 13/09/99 GU SO n.248 21/10/1999 MET II.1	0,1
Texture (U.S.D.A.) 17/02/20 -29/02/20			D.M. 13/09/99 GU SO n.248 21/10/1999 MET II.6	
Coarse Sand (2,00-0,2mm)	1,1	%		
Fine Sand (0,2-0,005)	12,9	%		
Coarse Slit (0,05-0,02mm)	15,0	%		
Fine Slit (0,02-0,002)	35,0	%		
Clay	36,0	%		
Total Nitrogen 17/02/20 -29/02/20	2,0	g/Kg	D.M. 13/09/99 GU SO n.248 21/10/1999 MET XVIII	0,1
Organic substance (Spriger-Klee) 17/02/20 -29/02/20	3,1	%	D.M. 13/09/99 GU SO n.248 21/10/1999 MET VII.2	0,1
PHOSPHOROUS 17/02/20 -29/02/20			D.M. 13/09/99 GU SO n.248 21/10/1999 MET XV.3	
Assimilable Phosphorous (P)	17,8	mg/kg		0,1
Assimilable Phosphorous (P2O5)	40,9	mg/Kg		0,1
CATION EXCHANGE CAPACITY 17/02/20 -29/02/20			D.M. 13/09/99 GU SO n.248 21/10/1999 MET XIII.4	
Exchangeable Calcium (Ca)	5850	mg/ Kg		0,1
Exchangeable Magnesium (Mg)	267	mg/ Kg		0,1
Exchangeable Potassium (K)	382	mg/ Kg		0,1

Figure S1 Soil analysis.

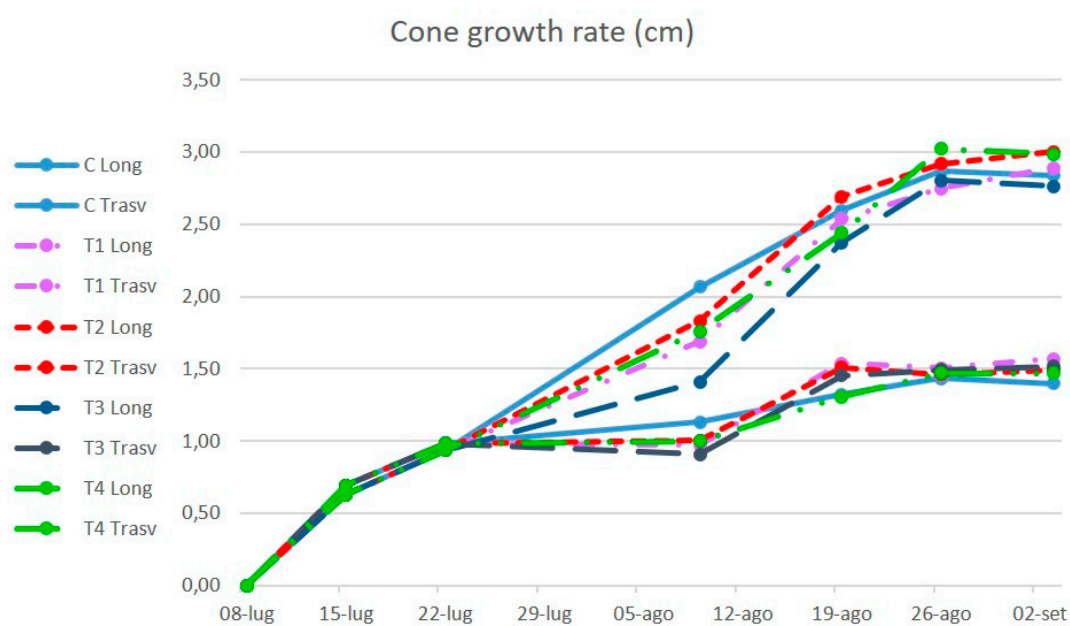


Figure S2. Longitudinal (Long) and transversal (Trasv) growth of the hop cones sampled in the different data acquisition time.