Supplemenatary material S3. Agrometeorological conditions observed in the field experiments.

Agrometeorological data during the 2015-16 industrial chicory season, obtained from the Santa Rosa Agrometeorological Station, Chillán, Ñuble Region, Chile. Data obtained from the National Agroclimatic Network (Agromet), online.

Month	Rain accumulation (mm)	Evapotranspiration (mm)	Air average temperature (°C)	Soil average temperature (°C)
September	103.8	56.4	10.4	10.4
October	101.5	90.2	13.0	12.9
November	8.7	120.3	16.0	15.6
December	0.0	158.4	19.0	18.1
January	8.6	150.2	21.4	19.6
February	0.0	141.6	20.1	18.8
March	6.6	103.9	17.4	16.4
April	104.8	47.6	12.9	13.6
May	55.6	27.9	11.9	12.8

Agrometeorological data during the 2015-16 industrial chicory season, obtained from the Human Agrometeorological Station, Quilleco, Biobío Region, Chile. Data obtained from the National Agroclimatic Network (Agromet), online.

Month	Rain accumulation (mm)	Evapotranspiration (mm)	Air average temperature (°C)	Soil average temperature (°C)
October	93.2	95.4	13.1	13.1
November	22.4	120.7	13.9	16.1
December	6.4	160.1	19.1	18.7
January	0.9	160.4	21.4	22.5
February	0.2	145.8	21.1	21.5
March	20.1	117.8	17.9	18.7
April	109.8	51.7	12.2	12.6
May	40.7	29.1	10.7	11.7