

Table S1. Effect of UV-B exposure (68 kJ m⁻² day⁻¹) in nine different sweet basil ecotypes at different recovery time (0, 4h, 24 and 48) on selected chlorophyll *a* fluorescence parameters. Analysis of variance was used for comparisons. Means within each column (*O. basilicum* ecotypes) and within each chlorophyll *a* fluorescence parameter assessed followed by different letters are significantly different ($P < 0.05$; Tukey's multiple range test, $n > 5$).

<i>O. basilicum</i> ecotypes										
		OCI142	OCI148	OCI149	OCI30	OCI160	OCI370	OCI102	OCI118	OCI126A
Fv/Fm	0h	0.82 a	0.83 a	0.83 a	0.83 a	0.84 a	0.81 a	0.82 a	0.84 a	0.83 a
	4h	0.58 b	0.58 b	0.37 b	0.59 b	0.60 b	0.62 b	0.58 b	0.70 b	0.47 b
	24h	0.29 c	0.40 c	0.04 c	0.55 b	0.56 b	0.58 cb	0.38 c	0.58 c	0.22 c
	48h	0.04 d	0.07 d	0.01 d	0.20 c	0.70 a	0.48 c	0.05 d	0.19 d	0.13 c
TRo/CS	0h	898.97 a	957.82 a	889.15 a	973.14 a	928.01 a	980.12 a	868.718 a	902.11 a	899.11 a
	4h	799.54 a	715.28 b	612.23 b	725.93 b	750.53 b	771.13 b	731.32 b	664.54 b	724.54 b
	24h	522.34 b	533.42 c	208.63 c	540.71 c	626.79 c	550.48 c	448.92 c	251.88 c	251.88 c
	48h	72.51 c	90.12 bd	3.94 d	172.49 d	480.13 d	334.02 d	110.67 d	119.59 d	109.59 d
ETo/CS	0h	464.47 a	471.04 a	453.79 a	527.10 a	531.33 a	506.26 a	436.23 a	546.72 a	473.93 a
	4h	430.49 a	308.99 b	239.43 b	329.54 b	490.79 a	390.73 a	338.11 b	446.87 b	290.47 b
	24h	185.814 b	201.50 c	42.78 c	251.28 b	387.78 b	192.58 b	221.53 c	328.52 c	124.38 c
	48h	26.33 c	33.99 d	14.48 c	52.38 c	331.13 b	157.97 b	56.85 d	83.78 d	45.32 c
DIo/CS	0h	201.85 a	191.26 a	193.03 a	193.54 a	196.44 a	217.52 a	194.01 a	198.81 a	190.96 a
	4h	667.53 b	445.82 b	1077.57 b	499.66 b	386.53 b	605.27 b	517.38 b	469.16 b	476.88 b
	24h	1004.76 c	953.38 c	1081.76 b	442.79 b	450.83 b	680.62 b	816.54 c	546.03c	946.83 c
	48h	1246.92 b	1058.44 c	1279.44 b	816.93 c	505.56 b	854.06 b	1033.01 c	995.80 c	887.29 c