

Table 1 Interaction between cultivar and fertilization on capsaicinoid content and Scoville scale (Adopted from Stan et al., 2021)

Treatment	Capsaicin (C) (mg·g ⁻¹ d.w.)	Dyhydrocapsaicin (DhC) (mg·g ⁻¹ d.w.)	Ratio C/DhC	Capsaicinoids (mg·g ⁻¹ d.w.)	Scoville Heat Units (SHU)
De Cayenne×Ch	0.69 ± 0.04 b	0.37 ± 0.01 bc	1.86 ± 0.06 cdefgh	1.06 ± 0.06 c	17066 ± 886.72 c
De Cayenne × O + Ch	0.39 ± 0.02 fghi	0.28 ± 0.02 def	1.40 ± 0.11 hi	0.67 ± 0.02 hi	10787 ± 245.93 hi
De Cayenne × O	0.47 ± 0.03 def	0.23 ± 0.01 fgh	2.05 ± 0.16 cde	0.70 ± 0.03 ghi	11270 ± 491.86 ghi
De Cayenne × Ct	0.52 ± 0.02 cd	0.33 ± 0.01 cd	1.58 ± 0.05 efghi	0.85 ± 0.03 ef	13685 ± 483.00 ef
Traian 2 × Ch	0.56 ± 0.02 c	0.41 ± 0.01 b	1.37 ± 0.03 i	0.97 ± 0.03 cd	15617 ± 464.77 cd
Traian 2 × O + Ch	0.34 ± 0.01 ghij	0.16 ± 0.01 ijk	2.13 ± 0.07 bc	0.50 ± 0.02 jk	8050 ± 245.93 jk
Traian 2 × O	0.35 ± 0.01 ghij	0.26 ± 0.01 efg	1.35 ± 0.04 i	0.61 ± 0.02 ij	9821 ± 278.86 ij
Traian 2 × Ct	0.41 ± 0.02 efgh	0.29 ± 0.01 def	1.42 ± 0.07 ghi	0.7 ± 0.02 ghi	11270 ± 245.93 ghi
Turkish × Ch	0.33 ± 0.01 hij	0.13 ± 0.01 jk	2.55 ± 0.16 ab	0.46 ± 0 k	7406 ± 0.00 k
Turkish × O + Ch	0.27 ± 0.01 j	0.13 ± 0.01 jk	2.09 ± 0.12 bcd	0.40 ± 0.01 k	6440 ± 92.95 k
Turkish × O	0.29 ± 0.01 j	0.11 ± 0.01 k	2.65 ± 0.12 a	0.40 ± 0.01 k	6440 ± 161.00 k
Turkish × Ct	0.32 ± 0.01 ij	0.19 ± 0.01 hij	1.69 ± 0.07 cdefghi	0.51 ± 0.02 jk	8211 ± 245.93 jk
Sigaretta × Ch	0.31 ± 0.01 ij	0.19 ± 0.02 hij	1.66 ± 0.17 cdefghi	0.50 ± 0.01 jk	8050 ± 185.91 jk
Sigaretta × O + Ch	0.42 ± 0.02 efg	0.21 ± 0.02 ghi	2.02 ± 0.12 cdef	0.63 ± 0.04 i	10143 ± 580.49 i
Sigaretta × O	0.39 ± 0.01 fghi	0.24 ± 0.01 fgh	1.63 ± 0.07 defghi	0.63 ± 0.02 i	10143 ± 245.93 i
Sigaretta × Ct	0.49 ± 0.01 cde	0.26 ± 0.01 efg	1.89 ± 0.08 cdefg	0.75 ± 0.02 fgh	12075 ± 245.93 fgh
Jovial × Ch	0.83 ± 0.01 a	0.53 ± 0.02 a	1.57 ± 0.06 efghi	1.36 ± 0.02 a	21896 ± 371.81 a
Jovial × O + Ch	0.76 ± 0.01 ab	0.48 ± 0.02 a	1.59 ± 0.05 efghi	1.24 ± 0.02 b	19964 ± 278.86 b
Jovial × O	0.45 ± 0.02 def	0.32 ± 0.01 cde	1.41 ± 0.04 hi	0.77 ± 0.02 fgh	12397 ± 371.81 fgh
Jovial × Ct	0.57 ± 0.01 c	0.37 ± 0.01 bc	1.54 ± 0.01 ghi	0.94 ± 0.01 de	15134 ± 185.91 de
Chorbadjiiski × Ch	0.52 ± 0.01 cd	0.33 ± 0.01 cd	1.58 ± 0.02 efghi	0.85 ± 0.02 ef	13685 ± 245.93 ef
Chorbadjiiski × O + Ch	0.42 ± 0.01 efg	0.27 ± 0.01 defg	1.56 ± 0.02 fghi	0.69 ± 0.02 ghi	11109 ± 245.93 ghi
Chorbadjiiski × O	0.44 ± 0.01 def	0.24 ± 0.02 fgh	1.85 ± 0.1 cdefgh	0.68 ± 0.02 hi	10948 ± 322.00 hi
Chorbadjiiski × Ct	0.49 ± 0.01 cde	0.31 ± 0.01 cde	1.58 ± 0.01 efghi	0.80 ± 0.01 fg	12880 ± 185.91 fg

Note: Ch—Chemical; O + Ch—Organic + Chemical; O—Organic; Ct—Control. Along each line, values followed by different letters are significantly different according to the Tukey's test at $p \leq 0.05$; d.w.—dry matter