

**Table 1.** Fruit size, flesh firmness, soluble solids concentration (SSC), and surface color measurements of ‘Norman’ peach as influenced by harvest date, light treatments, and canopy position. Photosynthetic photon flux (PPF) and specific leaf weight (SLW) were also measured next to each fruit. <sup>z</sup>

Date	PPF <sup>y</sup>			SLW <sup>x</sup> (mg/cm <sup>2</sup> )	Fruit weight (g)	Fruit diam. (mm)	Flesh firm. (N)	SSC (%)	Blush side <sup>w</sup>			Non-blush side <sup>w</sup>		
	avg. (%)	top (%)	bott. (%)						L*	hue angle	chroma	L*	hue angle	chroma
7/23	---	---	---	6.5	103.4 d	57.8 d	44.0 a	10.8 a	43.8 a	45.4 a	35.2	67.8 a	89.7 a	46.6 cd
7/25	---	---	---	6.7	108.9 cd	58.7 cd	42.8 a	10.6 a	43.9 a	42.5 a	35.2	67.8 a	86.9 a	45.9 d
7/27	---	---	---	6.3	113.7 bc	59.7 bc	31.0 b	10.6 a	41.1 b	37.0 b	36.1	66.1 ab	79.3 b	47.9 ab
7/29	---	---	---	6.5	120.5 ab	60.9 ab	27.0 b	10.9 a	40.2 bc	35.5 b	35.8	64.9 bc	75.8 b	47.3 bc
7/31	---	---	---	6.8	127.8 a	62.1 a	15.8 c	6.4 b	37.9 c	30.2 c	34.7	62.8 c	68.0 c	48.8 a
<b>Treatment</b>														
Control	12.1 a	29.0	2.6 b	6.9 a	113.7 b	59.6 ab	33.6	10.7 a	39.0 b	33.6 b	34.1 b	65.4 b	78.9 b	46.7 b
Reflect	14.2 a	32.7	8.2 a	6.7 a	120.6 a	60.8 a	29.5	10.8 a	37.1 c	29.9 c	32.6 b	63.2 c	73.3 c	46.8 b
Shade	8.2 b	25.4	2.5 b	6.2 b	110.4 b	59.1 b	33.1	8.0 b	48.0 a	51.0 a	39.6 a	69.1 a	87.6 a	48.4 a
<b>Position</b>														
Inside	6.5 b	15.2 b	3.4 b	6.0 b	104.3 c	57.6 c	39.9 a	9.3 c	44.5 a	44.9 a	36.1 a	67.8 a	86.9 a	46.6 b
Middle	7.9 b	18.2 b	5.5 a	6.2 b	112.5 b	59.4 b	36.7 a	9.8 b	44.2 a	42.7 a	36.2 a	66.8 a	82.4 b	46.8 b
Outside	20.1 a	53.7 a	4.4 b	7.4 a	127.9 a	62.4 a	19.8 b	10.4 a	35.4 b	26.8 b	33.8 b	63.2 a	70.6 c	48.5 a
<b>ANOVA P-values</b>														
Date(D)	---	---	---	0.108	0.001	0.001	0.001	0.001	0.001	0.001	0.737	0.001	0.001	0.002
Trt(T)	0.004	0.547	0.001	0.001	0.008	0.039	0.258	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Pos(P)	0.001	0.001	0.056	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001
D*T	---	---	---	0.384	0.028	0.017	0.808	0.022	0.854	0.921	0.028	0.520	0.306	0.312
D*P	---	---	---	0.102	0.100	0.944	0.752	0.528	0.633	0.274	0.918	0.663	0.756	0.994
T*P	0.080	0.080	0.441	0.937	0.100	0.161	0.118	0.624	0.001	0.001	0.472	0.117	0.706	0.395
D*T*P	---	---	---	0.044	0.900	0.447	0.985	0.597	0.784	0.620	0.613	0.898	0.795	0.925

<sup>z</sup> Values are the least squares means of 54 fruit per harvest date, 270 fruit per treatment, and 270 fruit per position.

<sup>y</sup> Average (avg.) values are the least squares means of six measurements per fruit. Top values are the least squares means for PPF measurements made at the top of each fruit. Bottom (bott.) values are the least squares means for PPF measurements made at the bottom of each fruit.

<sup>x</sup> Two leaves were sampled from next to each fruit at harvest time.

<sup>w</sup> L\* = lightness; chroma =  $[(a^{*2} + b^{*2})^{1/2}]$ ; hue angle = arctangent  $b^*/a^*$ , where 0° = red-purple, 90° = yellow, 180° = bluish-green, and 270° = blue.

**Table 2.** Fruit size, flesh firmness, soluble solids concentration (SSC), and surface color measurements of ‘Cresthaven’ peach as influenced by harvest date, covering the fruit with foil, and canopy position. Photosynthetic photon flux (PPF) and specific leaf weight (SLW) were also measured next to each fruit. <sup>z</sup>

Date	PPF <sup>y</sup>	SLW <sup>x</sup> (mg/ cm <sup>2</sup> )	Fruit weight (g)	Fruit diam. (mm)	Flesh firm. (N)	SSC (%)	Blush side <sup>w</sup>			Non- blush side <sup>w</sup>		
							L*	hue angle	chroma	L*	hue angle	chroma
<b>8/20</b>	---	7.8	140.2 b	64.8 b	32.4 a	7.5	55.6	55.2	47.9	74.5	85.9 a	52.4 ab
<b>8/22</b>	---	7.6	143.8 b	65.5 b	20.8 b	7.7	56.8	55.9	46.8	72.9	80.6 b	51.6 b
<b>8/24</b>	---	7.2	162.9 a	68.4 a	16.0 bc	7.5	56.9	55.2	47.1	73.5	78.4 b	53.7 a
<b>8/26</b>	---	7.4	160.2 a	68.0 a	14.6 c	7.2	56.8	55.0	47.9	73.6	78.8 b	53.5 a
<b>Treatment</b>												
<b>Covered</b>	---	---	158.1	67.7	18.7	7.0	74.5	82.0	58.1	78.2	87.9	56.2
<b>Non-cov.</b>	13.0	7.5	145.5	65.6	23.2	8.1	38.6	28.7	36.4	69.0	73.9	49.5
<b>Position</b>												
<b>Inside</b>	5.1	6.8	145.7	65.6	22.7	6.8	58.9	59.6	48.5	74.4	83.0	52.3
<b>Outside</b>	21.0	8.2	157.9	67.7	19.3	8.2	54.2	51.1	46.0	72.8	78.8	53.4
<b>ANOVA P-values</b>												
<b>Date(D)</b>	---	0.240	0.001	0.001	0.001	0.149	0.649	0.961	0.772	0.386	0.001	0.004
<b>Trt(T)</b>	---	---	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>Pos(P)</b>	0.001	0.001	0.003	0.001	0.044	0.001	0.001	0.001	0.001	0.020	0.001	0.025
<b>D*T</b>	---	---	0.999	0.998	0.487	0.357	0.942	0.887	0.579	0.075	0.034	0.314
<b>D*P</b>	---	0.363	0.067	0.029	0.968	0.140	0.028	0.462	0.030	0.501	0.986	0.593
<b>T*P</b>	---	---	0.698	0.612	0.152	0.169	0.001	0.001	0.001	0.061	0.206	0.226
<b>D*T*P</b>	---	---	0.946	0.952	0.777	0.604	0.332	0.875	0.499	0.910	0.978	0.608

<sup>z</sup> Values are the means of 48 fruit per harvest date, 96 fruit per treatment, and 96 fruit per position.

<sup>y</sup> Average values are the means of six measurements per fruit.

<sup>x</sup> Two leaves were sampled from next to each fruit at harvest time.

<sup>w</sup> L\* = lightness; chroma =  $[(a^{*2}+b^{*2})^{1/2}]$ ; hue angle = arctangent  $b^*/a^*$ , where 0° = red-purple, 90° = yellow, 180° = bluish-green, and 270° = blue.