

## Supplementary Material

**Table S1.** Changes in total cell wall material (AIR) content and pectins and hemicellulose fractions during the shelf-life period of Chilean strawberry fruit subjected to H<sub>2</sub>S treatment. The content of uronic acids (UA) of water-soluble (WSF), CDTA-soluble (CSF) and Na<sub>2</sub>CO<sub>3</sub>-soluble (NSF) pectin fractions and neutral sugars (NS) of KOH-soluble (KSF) fraction (hemicellulose) are indicated.

Day	Treatment	Cell Wall Material (AIR) (mg g <sup>-1</sup> FW)	Cell Wall Fractions (mg g <sup>-1</sup> AIR)			
			WSF (UA)	CSF (UA)	NSF (UA)	KSF (NS)
0	Non-treated	13.90 ± 1.53	20.00 ± 0.88	6.38 ± 0.33	13.37 ± 2.42	10.09 ± 2.42
2	H <sub>2</sub> S	18.79 ± 1.17 a	18.21 ± 20.03 a	2.01 ± 0.11 a	9.10 ± 2.01 a	11.03 ± 0.50 b
	Control	18.50 ± 3.79 a	21.26 ± 1.17 a	2.67 ± 0.39 a	6.27 ± 0.74 a	22.17 ± 6.85 a
4	H <sub>2</sub> S	17.24 ± 1.77 b	26.28 ± 2.24 b	1.61 ± 0.07 b	7.49 ± 0.96 a	14.79 ± 1.98 b
	Control	26.95 ± 4.46 a	32.78 ± 1.00 a	2.42 ± 0.20 a	6.67 ± 0.76 a	32.23 ± 4.30 a
6	H <sub>2</sub> S	13.21 ± 2.03 b	39.75 ± 1.24 a	2.39 ± 0.18 a	8.92 ± 0.84 a	19.26 ± 2.45 b
	Control	24.72 ± 1.51 a	36.44 ± 2.24 b	3.01 ± 0.36 a	6.47 ± 0.43 b	41.91 ± 3.27 a

Data indicate the mean of three replicates ± S.D. Different letters indicate significant differences between treatments at each day ( $p \leq 0.05$ ). FW, fresh weight.