

**Table S3 : Ammonium and inorganic ion contents in Col-0 or *Ler* seedlings grown on different nutritive media (0.1 mM NO<sub>3</sub><sup>-</sup>, 5 mM NO<sub>3</sub><sup>-</sup> and 5 mM NH<sub>4</sub><sup>+</sup>) after treatment with sterile H<sub>2</sub>O or inoculation with the fungus (Abra43), 14 DAI.**

Inorganic ion content ( $\mu\text{mol} / \text{g DW}$ )	0.1 mM $\text{NO}_3^-$				5 mM $\text{NO}_3^-$				5 mM $\text{NH}_4^+$				Mean for each ion
	$\text{H}_2\text{O}$		Abra43		$\text{H}_2\text{O}$		Abra43		$\text{H}_2\text{O}$		Abra43		
	Col-0	Ler	Col-0	Ler	Col-0	Ler	Col-0	Ler	Col-0	Ler	Col-0	Ler	
Ammonium	15.76 ± 11.27 (B)	7.23 ± 3.67 (B)	15.88 ± 6.42 (B)	12.91 ± 4.17 (B)	8.39 ± 1.73 (B)	10.39 ± 1.94 (B)	13.08 ± 2.01 (B)	12.83 ± 1.20 (B)	58.58 ± 3.99 (b, A, $\beta$ )	128.36 ± 8.82 (a, A, $\alpha$ )	92.01 ± 13.61 (a, A, $\alpha$ )	37.03 ± 8.20 (b, A, $\beta$ )	34.29 ± 6.61 (c')
Chloride	366.52 ± 79.95 (B)	263.40 ± 90.48 (B)	221.15 ± 74.46 (B)	255.99 ± 27.77	65.89 ± 8.91 (C)	42.81 ± 3.50 (C)	121.52 ± 5.59 (B)	69.97 ± 2.74	611.63 ± 79.54 (A)	714.64 ± 39.26 (A, a)	426.59 ± 99.08 (a, A)	235.27 ± 103.24 (b, B)	282.95 ± 37.93 (a')
Nitrate	15.21 ± 0.36 (B)	43.19 ± 24.38 (B)	53.16 ± 48.05 (B)	42.43 ± 36.10 (B)	978.49 ± 193.70 (A, $\alpha$ )	1036.22 ± 86.52 (A, $\alpha$ )	613.76 ± 51.70 (A, $\beta$ )	441.35 ± 131.19 (A, $\beta$ )	6.60 ± 0.93 (B)	17.35 ± 2.46 (B)	5.24 ± 0.44 (B)	12.43 ± 2.52 (B)	272.12 ± 66.54 (a')
Phosphate	110.47 ± 10.41	42.99 ± 13.24	175.11 ± 19.36 (a)	93.43 ± 22.48 (b)	76.70 ± 11.43	33.51 ± 2.53	100.40 ± 50.23	41.97 ± 5.26	97.78 ± 13.31	90.71 ± 4.82	98.46 ± 60.54	62.28 ± 29.05	85.32 ± 8.92 (bc')
Sulfate	175.75 ± 37.45 (A)	138.14 ± 51.26	186.46 ± 46.65 (A)	157.89 ± 41.30 (A)	159.88 ± 20.09 (A)	122.21 ± 3.00	188.83 ± 3.15 (A)	141.60 ± 10.98 (A)	58.93 ± 3.84 (B)	110.66 ± 23.28	52.13 ± 18.41 (B)	32.00 ± 15.81 (B)	127.04 ± 11.01 (b')
	Col-0 mean								Ler mean				
Ammonium	33.95 ± 7.97								34.79 ± 10.87				
Chloride	302.22 ± 51.14								263.68 ± 57.13				
Nitrate	278.74 ± 96.82								265.50 ± 94.09				
Phosphate	109.82 ± 13.89 (a)								60.82 ± 8.01 (b)				
Sulfate	137.00 ± 16.91								117.08 ± 14.19				
	0.1 mM $\text{NO}_3^-$ mean				5 mM $\text{NO}_3^-$ mean				5 mM $\text{NH}_4^+$ mean				
Ammonium	12.95 ± 3.19 (B)				11.17 ± 0.94 (B)				78.99 ± 10.89 (A)				
Chloride	276.77 ± 34.89 (B)				75.05 ± 9.01 (C)				497.03 ± 65.83 (A)				
Nitrate	38.50 ± 14.47 (B)				767.45 ± 92.51 (A)				10.41 ± 38.50 (B)				
Phosphate	105.50 ± 15.99 (A)				63.15 ± 13.71 (B)				87.31 ± 15.29 (AB)				
Sulfate	164.56 ± 19.76 (A)				153.13 ± 8.91 (A)				63.43 ± 11.34 (B)				
	H <sub>2</sub> O mean						Abra43 mean						
Ammonium	38.12 ± 10.91						30.62 ± 7.56						
Chloride	344.15 ± 64.86 ( $\alpha$ )						221.75 ± 35.71 ( $\beta$ )						
Nitrate	349.51 ± 116.82 ( $\alpha$ )						194.73 ± 62.29 ( $\beta$ )						
Phosphate	75.36 ± 7.68						95.27 ± 16.03						
Sulfate	127.59 ± 13.47						126.49 ± 17.81						
	Nitrogen (N) effect		Inoculation (I) effect		Genotype (G) effect		N x I effect		N x G effect		I x G effect		N x I x G effect
Ammonium	1.17e <sup>-11</sup> ***		0.215		0.857		0.014 *		0.093		1.323e <sup>-11</sup> ***		7.586e <sup>-11</sup> ***
Chloride	1.087e <sup>-6</sup> ***		2.973e <sup>-11</sup> **		0.308		1.307e <sup>-11</sup> **		0.994		0.414		0.075
Nitrate	1.579e <sup>-11</sup> ***		1.70e <sup>-11</sup> **		0.765		1.036e <sup>-11</sup> ***		0.778		0.310		0.533
Phosphate	0.101		0.209		4.051e <sup>-11</sup> **		0.186		0.388		0.533		0.976
Sulfate	5.126e <sup>-11</sup> ***		0.947		0.235		0.213		0.312		0.467		0.578