

1. experiment

		NH ₄ ⁺		V2 [ml]	NO ₃ ⁻
		pH1	pH2		pH1
Kukuřice	1	5.624	3.6285	95.5	6.1
zea mays	2	5.624	3.653	99	6.1
	3	5.624	3.303	94.5	6.1
Slunečnice	1	5.624	3.661	84.5	6.1
Helianthus annuus	2	5.624	3.68	92	6.1
	3	5.624	3.656	85	6.1

2. experiment

NO₃⁻ zásobní = 211.2

		NO ₃ ⁻				
		E1 [mV]	E2 [mV]	c1 [mmol.l ⁻¹]	c2 [mmol.l ⁻¹]	
Kukuřice	1	211.2	225.3			
zea mays	2	211.2	223.5			
	3	211.2	216			
Slunečnice	1	211.2	219.1			
Helianthus annuus	2	211.2	215.9			
	3	211.2	223.6			

Čas založení:

3/22/2017 16:30

čas ukončení:

3/2

↓ jedn.

(mM)

mV

Kalibrace

roztok KNO₃ [r

1.mereni

0.075

0.15

0.3

0.6

0.9

278

268.8

251.3

239.7

229.8

pH2
6.354
6.283
5.634
5.529
5.823
5.443

Doba inkubace				Vp
t celkem (h)	V1 [ml]	V2 [ml]	m [g]	[$\mu\text{mol} \cdot \text{g}^{-1} \cdot \text{h}^{-1}$]
	100	95	0.126	
	100	94	0.133	
	100	97	0.122	
	100	92	0.072	
	100	92	0.077	
	100	88	0.086	

m NO₃⁻
 [ug] |

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1.2	1.5	1.8	2.1	2.4	2.7	3
221.4	218	214.1	210.1	207.5	204	201.8 mV