

Uloha_1 **Respirace korenu - vliv deficience** $k_{10^{\circ}\text{C}}=0,0430 \mu\text{mol.l}^{-1}$

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
bezP	3	360	386	26	0.3
bezFe	3	360	378	18	0.3
bezP	4	385	420	35	0.3
bez Fe	4	385	400	15	0.3
ctrl	1	360	445	85	0.3
bezN	1	360	379	19	0.3
ctrl	2	345	461	116	0.3
bezN	2	345	365	20	0.3

Uloha_2 **Respirace semen**

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
bob 2hod	3	360	565	205	0.3
bob 2dni	3	360	798	438	0.3
bob 2hod	4	385	473	88	0.3
bob 2dny	4	385	620	235	0.3
pšenica 2h	1	360	377	17	0.3
pšenice 2d	1	360	415	55	0.3
pšenica 2h	2	345	363	18	0.3
pšenice 2d	2	345	425	80	0.3

Uloha_3 **Respirace - vliv teploty** $k_{10^{\circ}\text{C}}=0,0430 \mu\text{mol.l}^{-1}$

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
10 °C	1	360	412	52	0.3
25 °C	1	360	445	85	0.3
35 °C	1	360	523	163	0.3
10°C	4	385	390	5	0.3
35°C	4	385	622	237	0.3
10°C	3	360	393	33	0.3
35°C	3	360	600	240	0.3
35°C	2	345	472	127	0.3
10°C	2	345	379	34	0.3
25°C	4	385	483	98	0.3
25°C	2	345	461	116	0.3

$k_{25^{\circ}\text{C}}=0,0409 \mu\text{mol.l}^{-1}$ $k_{35^{\circ}\text{C}}=0,0395 \mu\text{mol.l}^{-1}$

$f [\text{l.h}^{-1}]$	$m [\text{g}]$	$k [\mu\text{mol.ul}^{-1}]$	$V_r [\mu\text{mol.g}^{-1}.\text{h}^{-1}]$	$T [^{\circ}\text{C}]$
18	0.179	0.0409	106.9340782	25
18	0.126	0.0409		25
18	0.225	0.0409		25
18	0.108	0.0409		25
18	0.277	0.0409		25
18	0.197	0.0409		25
18	0.347	0.0409		
18	0.2	0.0409		

$f [\text{l.h}^{-1}]$	$m [\text{g}]$	$k [\mu\text{mol.ul}^{-1}]$	$V_r [\mu\text{mol.g}^{-1}.\text{h}^{-1}]$	$T [^{\circ}\text{C}]$
18	14.888	0.0409		
18	13.01	0.0409		
18	7.02	0.0409		
18	4.618	0.0409		
18	10.041	0.0409		
18	5.463	0.0409		
18	8.745	0.0409		
18	7.096	0.0409		

$k_{25^{\circ}\text{C}}=0,0409 \mu\text{mol.l}^{-1}$ $k_{35^{\circ}\text{C}}=0,0395 \mu\text{mol.l}^{-1}$

$f [\text{l.h}^{-1}]$	$m [\text{g}]$	$k [\mu\text{mol.ul}^{-1}]$	$V_r [\mu\text{mol.g}^{-1}.\text{h}^{-1}]$	$T [^{\circ}\text{C}]$
18	0.365	0.043	110.2684932	10
18	0.277	0.0409		25
18	0.387	0.0395		35
18	0.33	0.043		10
18	0.306	0.0395		35
18	0.281	0.043		10
18	0.298	0.0395		35
18	0.169			
18	0.123			
18	0.299			
18	0.347			