

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

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
bez Fe	3	352	376	24	0.3
bez Fe	4	337	394	57	0.3
bez N	1	357	385		0.3
bez N	2	324	343		0.3
bez P	3	352	380	28	0.3
bez P	4	337	404	67	0.3
kontrola	1	357	414		0.3
kontrola	2	324	466		0.3

Uloha_2 **Respirace semen**

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
bob 2d	4	337	518	181	0.3
bob 2d	3	352	507	155	0.3
bob 2h	4	337	376	39	0.3
bob 2h	3	352	366	14	0.3
pšenice 2d	2	324	351		0.3
pšenice 2d	1	357	380		0.3
pšenice 2h	2	324	347		0.3
pšenice 2h	1	357	367		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	357	398	41	0.3
10°C	2	324	348	24	0.3
10°C	3	352	390	38	0.3
10°C	4	337	454	117	0.3
25°C	1	357	414	57	0.3
25°C	2	324	466	142	0.3
25°C	4	337	570	233	0.3
35°C	1	357	514	157	0.3
35°C	2	324	500	176	0.3
35°C	3	352	493	141	0.3
35°C	4	337	512	175	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 [l.h⁻¹]	m [g]	k [umol.ul⁻¹]	Vr [umol.g⁻¹.h⁻¹]	T [°C]
	0.13			
	0.196			
	0.238			
	0.23			
	0.121			
	0.159			
	0.174			
	0.401			

f [l.h⁻¹]	m [g]	k [umol.ul⁻¹]	Vr [umol.g⁻¹.h⁻¹]	T [°C]
	3.409			
	4.904			
	5.131			
	8.099			
	3.901			
	3.683			
	7.049			
	5.946			

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

f [l.h⁻¹]	m [g]	k [umol.ul⁻¹]	Vr [umol.g⁻¹.h⁻¹]	T [°C]
	0.33			
	0.212			
	0.415			
	0.25			
	0.174			
	0.401			
	0.515			
	0.335			
	0.299			
	0.253			
	0.294			