

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	358	369	11	0.3
bez_Fe	4	385	407	22	0.3
bez_N	1	349	368	19	0.3
bez_N	2	343	358	15	0.3
bez_P	3	358	380	22	0.3
bez_P	4	385	404	19	0.3
kontrola	1	349	416	67	0.3
kontrola	2	343	443	100	0.3

Uloha_2 **Respirace semen**

varianta	opakovani/č.přístroje	CO2_1 [ppm]	CO2_2 [ppm]	d CO2 [ppm]	f[l.min ⁻¹]
bob_1d	3	358	534	176	0.3
bob_1d	4	385	520	135	0.3
bob_2h	3	358	364	6	0.3
bob_2h	4	385	385	0	0.3
pšenice_1d	1	349	421	72	0.3
pšenice_1d	2	343	431	88	0.3
pšenice_2h	1	349	361	12	0.3
pšenice_2h	2	343	353	10	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	349	419	70	0.3
10°C	2	343	401	58	0.3
10°C	3	358	428	70	0.3
10°C	4	385	416	31	0.3
35°C	1	349	455	106	0.3
35°C	2	343	450	107	0.3
35°C	3	358	517	159	0.3
35°C	4	385	473	88	0.3
25°C/kontrola	1	349	416	67	0.3
25°C/kontrola	2	343	443	100	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]
	0.125			
	0.155			
	0.28			
	0.184			
	0.161			
	0.173			
	0.301			
	0.327			

f [l.h⁻¹]	m [g]	k [umol.ul⁻¹]	Vr [umol.g⁻¹.h⁻¹]	T [°C]
	9.588			
	6.233			
	21.181			
	12.886			
	8.834			
	7.73			
	8.408			
	6.472			

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

f [l.h⁻¹]	m [g]	k [umol.ul⁻¹]	Vr [umol.g⁻¹.h⁻¹]	T [°C]
	0.505			
	0.258			
	0.409			
	0.229			
	0.273			
	0.213			
	0.375			
	0.286			
	0.301			
	0.327			