

Svetelna krivka fotosyntezy

Exp.1

I [$\mu\text{mol (foton)}/\text{m}^2\text{s}$]	kontrola		
	CO ₂ -ref [ppm]	CO ₂ -anlys [ppm]	δ CO ₂ [$\mu\text{mol (CO}_2)/\text{l}$]
1200	558		530
1000			
700	558		530
500	558		533
300	558		537
100	558		542
50	558		546
20	558		553
0	558		559

Exp.2

Helianthus HL - 1	světlo			
	I [$\mu\text{mol (foton)}/\text{m}^2\text{s}$]	CO ₂ -ref [ppm]	CO ₂ -anlys [ppm]	δ CO ₂ [$\mu\text{mol (CO}_2)/\text{l}$]
	1200	558		531
	700			
	500			537
	300			
	100			
	50			552
	20			
	0			560

Helianthus HL - 2				
	I [$\mu\text{mol (foton)}/\text{m}^2\text{s}$]	CO ₂ -ref [ppm]	CO ₂ -anlys [ppm]	δ CO ₂ [$\mu\text{mol (CO}_2)/\text{l}$]
	1200			862
	700			
	500			882
	100			
	50			910
	20			
	0	897		945



				bez_N	
f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [t]
		9		935	874
		9			
		9		935	877
		9		935	880
		9		935	884
		9		935	896
		9		935	906
		9		935	915
		9		935	929



				Helianthus LL -1 tma	
f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [t]
		9			549
					560
					578
					588
				Helianthus LL - 2	
f [l/s]		LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [t]
		9			

δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	bez_P CO2-ref [ppm]
			4		583
			4		583
			4		583
			4		583
			4		583
			4		583
			4		583
			4		583

δ CO2 [umol (CO2)/l] f [l/s] LA [cm2] LA [m2] Pn [umol (CO2)/m2s]
9

δ CO2 [umol (CO2)/l] f [l/s] LA [m2] Pn [umol (CO2)/m2s]

t = 24,8 °C

průtok 0,3 l/min

CO2-anlyls [̄ δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
516			4.625	
518				
521				
526				
534				
550				
557				
563				
574				

bez_Fe

CO2-ref [ppm]	CO2-anlys [δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
734	681			6	
734	683				
734	713				
734	716				
734	718				
734	724				
734	723				
734	709				