

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	556	556	446
1000	556	556	450
700	556	556	458
500	556	556	470
300	556	556	482
100	556	556	505
50	556	556	517
20	556	556	522
0	556	556	526

Exp.2

Helianthus HL - 1	světlo		
	CO ₂ -ref [ppm]	CO ₂ -anlys [ppm]	δ CO ₂ [$\mu\text{mol (CO}_2)/\text{l}$]
I [$\mu\text{mol (foton)}/\text{m}^2\text{s}$]			
1200	874		839
1000			841
700			846
500			851
300			858
100			873
50			881
20			889
0			902

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			
1000			
700			
500			
300			
100			
50			
20			
0			



				bez_N	
f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [µ]
		7		905	859
		7		905	861
		7		905	863
		7		905	866
		7		905	871
		7		905	879
		7		905	889
		7		905	891
		7		905	895



				Helianthus LL -1 tma	
f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [µ]
		9		700	678
				700	678
				700	679
				700	680
				700	682
				700	683
				700	685
				700	686
				700	705

				Helianthus LL - 2	
f [l/s]	LA [m2]	Pn [umol (CO2)/m2s]		CO2-ref [ppm]	CO2-anlys [µ]
				560	538
					539
					540
					541
					543
					545
					548
					551
					555

0,3 l/min

δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	bez_P CO2-ref [ppm]
		3.75			560
					560
					560
					560
					560
					560
					560
					560
					560

δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
		10.5		
		10.5		
		10.5		
		10.5		
		10.5		
		10.5		
		10.5		
		10.5		
		10.5		

δ CO2 [umol (CO2)/l]	f [l/s]	LA [m2]	Pn [umol (CO2)/m2s]
		8.5	

t = 25,4 °C

CO2-anlys [f δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
514			4.5	
516				
521				
525				
530				
544				
551				
555				
560				

bez_Fe

CO2-ref [ppm]	CO2-anlys [δ CO2 [umol (CO2)/l]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
705	686			6.875	
705	685				
705	680				
705	674				
705	676				
705	681				
705	701				
705	704				
705	708				