Svetelna krivka fotosyntezy

t = 25,4 °C

Exp.1

	kontrola							bez_N					
I [umol (foton)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	δ CO2 [umol (CO2)/l]	f [l/min]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [p	δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]
1200	419	380		0.25	9			465	461		0.25		6	
700	419	381		0.25	9			465	458		0.25		6	
300	419	384		0.25	9			465	457		0.25		6	
100	419	391		0.25	9			465	463		0.25		6	
50	419	398		0.25	9			465	469		0.25		6	
20	419	409		0.25	9			465	474		0.25		6	
0	419	429		0.25	9			465	479		0.25		6	

Exp.2

Helianthus HL - 1

I [umol (foton)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	δ CO2 [umol (CO2)/l]	f [l/mir	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
1200	417	386		0.25		9		
700	417	387		0.25		9		
300	417	401		0.25		9		
100	417	414		0.25		9		
50	417	419		0.25		9		
20	417	423		0.25		9		
0	417	428		0.25		9		

Helianthus LL -1

CO2-ref [ppm]	CO2-anlys [p	δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]
480	470		0.25		9	
480	461		0.25		9	
480	463		0.25		9	
480	469		0.25		9	
480	474		0.25		9	
480	481		0.25		9	
480	488		0.25		9	

Helianthus HL - 2

I [umol (foton)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	δ CO2 [umol (CO2)/l]	f [l/mir	f [l/s]	LA [m2]	Pn [umol (CO2)/m2s]
1200	568	529		0.25		9	
700	568	532		0.25		9	
300	568	544		0.25		9	
100	568	564		0.25		9	
50	568	568		0.25		9	
20	568	577		0.25		9	
0	568	584		0.25		9	

Helianthus LL - 2

CO2-ref [ppm]	CO2-anlys [p	δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [m2]
564	546		0.25		9
564	546		0.25		9
564	545		0.25		9
564	549		0.25		9
564	554		0.25		9
564	562		0.25		9
564	571		0.25		9

Pn [umol (CO2)/m2s]

Pn [umol (CO2)/m2s]

Pn [umol (CO2)/m2s]

bez_P

CO2-ref [ppm]	CO2-anlys [µ δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
489	475	0.25		7.5		
489	474	0.25		7.5		
489	476	0.25		7.5		
489	486	0.25		7.5		
489	490	0.25		7.5		
489	496	0.25		7.5		
489	501	0.25		7.5		

bez_Fe

CO2-ref [ppm]	CO2-anlys [µ δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
458	457	0.25		9		
458	457	0.25		9		
458	452	0.25		9		
458	457	0.25		9		
458	461	0.25		9		
458	463	0.25		9		
458	471	0.25		9		

Prumer HL

Pn [umol (CO2)/m2s]

Prumer LL

Pn [umol (CO2)/m2s]