

Svetelna krivka fotosyntezy

t = 25 °C

Exp.1

kontrola							bez_N								
I [umol (foton)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [f]	δ CO2 [umol (CO2)/l]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]
1000	350	305		0.5		7			393	382		0.5		7	
500	350	313		0.5					393	380				7	
300	350	323		0.5					393	380				7	
100	350	342		0.5					393	384				7	
50	350	352		0.5					393	387				7	
20	350	360		0.5					393	390				7	
0	350	365		0.5					393	397				7	

počáteční

Exp.2

nízká ozářenos		1								vysoká ozářenos		1				
I [umol (foton)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	d CO2 [umol (CO2)/I]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [ppm]	d CO2 [umol (CO2)/I]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	
1000	360	341		0.5		6.5				386	345		0.5		6.5	
500	360	342								386	353					
300	360	343								386	361					
100	360	348								386	378					
50	360	353								386	384					
20	360	356								386	388					
0	360	363								386	392					

nízká ozářenost

100

I [umol (foton)/m²s] CO₂-ref [ppm] CO₂-anlys [ppm] d CO₂ [umol (CO₂)/l] f [l/min] f [l/s] LA [cm²] LA [m²] Pn [umol (CO₂)/m²s]

vysoká ozářenos

2

| umol (foton)/m²s] CO₂-ref [ppm] CO₂-anlys [ppm] d CO₂ [umol (CO₂)/l] f [l/min] f [l/s] LA [cm²] LA [m²] Pn [umol (CO₂)/m²s] CO₂-ref [ppm] CO₂-anlys [t] d CO₂ [umol (CO₂)/l] f [l/min] f [l/s] LA [cm²] LA [m²]

1000
500
300
100
50
20
0



Pn [umol (CO₂)/m²s]



Pn [umol (CO₂)/m²s]



Pn [umol (CO₂)/m²s]

bez_P							bez_Fe						
CO2-ref [ppm]	CO2-anlys [$\text{f} \delta \text{CO}_2$ [umol (CO2)/l]]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]	CO2-ref [ppm]	CO2-anlys [$\text{f} \delta \text{CO}_2$ [umol (CO2)/l]]	f [l/min]	f [l/s]	LA [cm2]	LA [m2]	Pn [umol (CO2)/m2s]
398	367	0.5		5.2			447	390	0.4		7		
398	366						447	395	0.4		7		
398	369						447	406	0.4		7		
398	376						447	430	0.4		7		
398	383						447	439	0.4		7		
398	399						447	444	0.4		7		
398	402						447	452	0.4		7		