

# Měření výměny plynů gazometricky

ThetaProbe (TP; mV)

Druh	slunečnice	fazol
1	479	762
2	329	785
3		
4		
5		
6		

průměr 404 773.5  
SD 106.0660172 16.26345597

Obsah vody (WC; g)

Druh
1
2
3
4
5
6

průměr  
SD

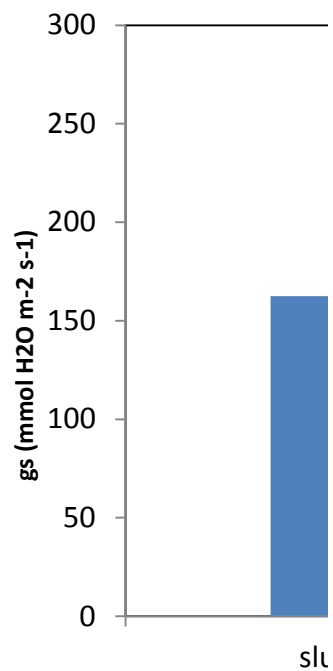
Rychlost transpirace (g H<sub>2</sub>O m<sup>-2</sup> h<sup>-1</sup>)

Druh	slunečnice				
	m1 (g)	m2 (g)	Δm (g)	t (min)	t (h)
1	487.99	479.91	8.08	83	1.383333333
2	420.25	413.71	6.54	82	1.366666667
3			0		0
4			0		0
5			0		0
6			0		0

Druh	fazol				
	m1 (g)	m2 (g)	Δm (g)	t (min)	t (h)
1	622.9	614.87	8.03	83	1.383333333
2	633.05	624.47	8.58	82	1.366666667
3			0		0
4			0		0
5			0		0
6			0		0

**Průduchová vodivost (gs; mmol H<sub>2</sub>O m<sup>-2</sup> s<sup>-1</sup>)**

Druh	slunečnice	fazol
1	222	119
2	103	200
3		
4		
5		
6		
průměr	162.5	159.5
SD	84.14570696	57.27564928



**Vodní potenciál listů (Ψ; MPa)**

Druh	slunečnice	fazol
1	-0.482	-0.273
2	-0.434	-0.288
3		
4		
5		
6		
průměr	-0.458	-0.2805
SD	0.033941125	0.010606602

**Vodní potenciál xylému (Ψ; MPa)**

Druh	slunečnice
1	-0.564
2	-0.316
3	
4	
5	
6	
průměr	-0.44
SD	0.175362482

g-1)

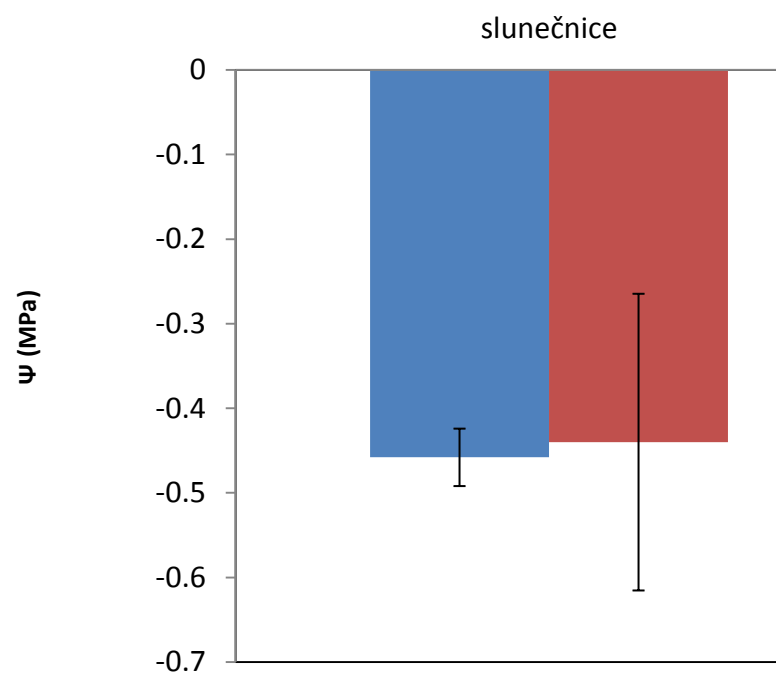
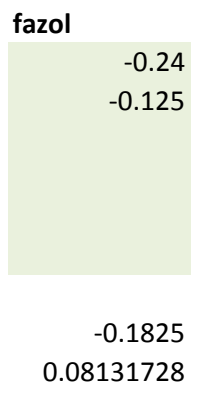
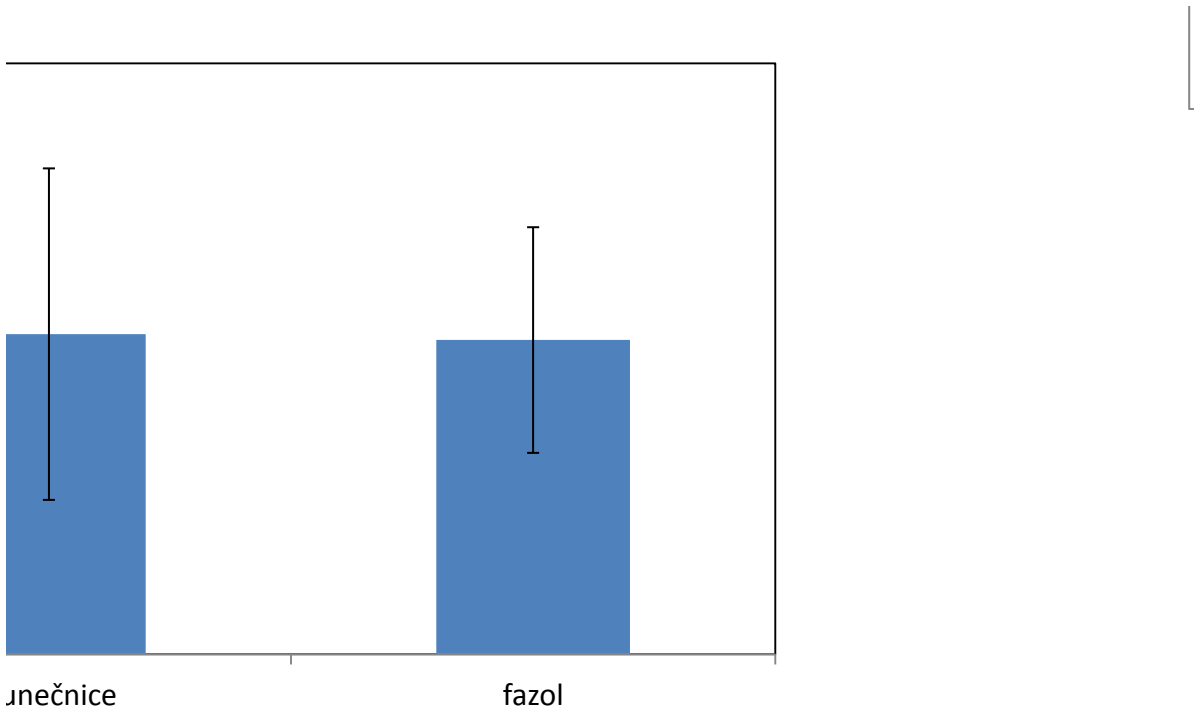
$$y = 0.0005x - 0.0338$$

Vodní potenciál subst

slunečnice	fazol	Druh
1.2311	1.9386	1
0.8561	1.9961	2
		3
		4
		5
		6
1.0436	1.96735	průměr
0.265165043	0.04065864	SD

LA (cm2)	LA (m2)	TR (g m-2 h-1)	Start	konec
1603.222	0.1603222	36.43265783	15:30	16:53
1707.218	0.1707218	28.03019798	15:31:00	16:53
	0			
	0			
	0			
	0			
	průměr	32.23142791		
	SD	5.941436339		

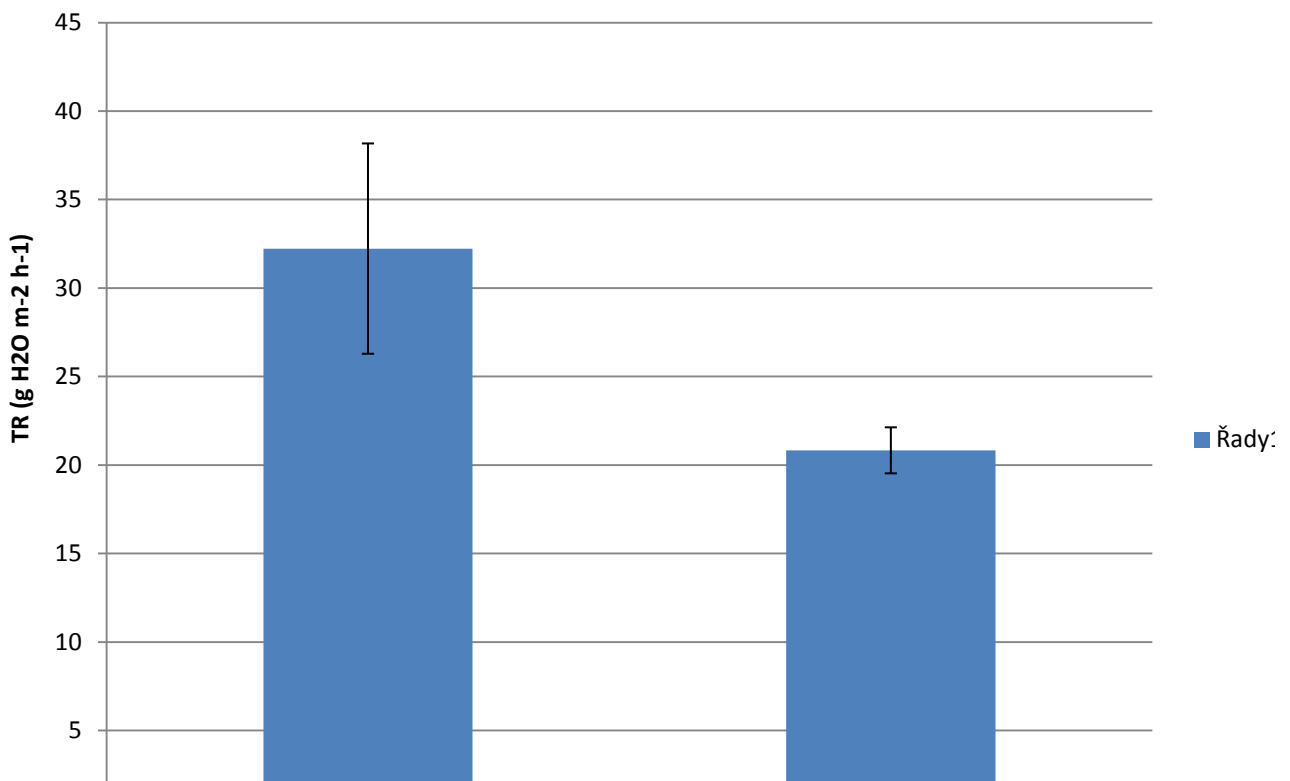
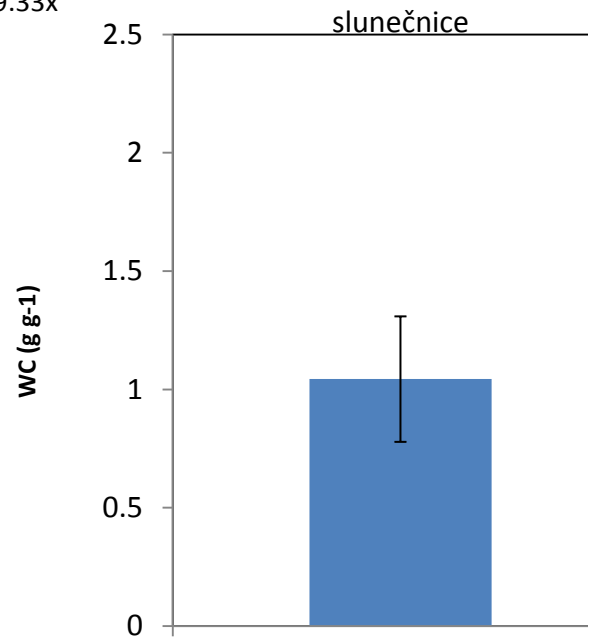
LA (cm2)	LA (m2)	TR (g m-2 h-1)	Start	konec
2914.97	0.291497	19.91382168	15:31:00	16:54
2886.022	0.2886022	21.75329495	15:32:00	16:54
	0			
	0			
	0			
	0			
	průměr	20.83355831		
	SD	1.300704027		

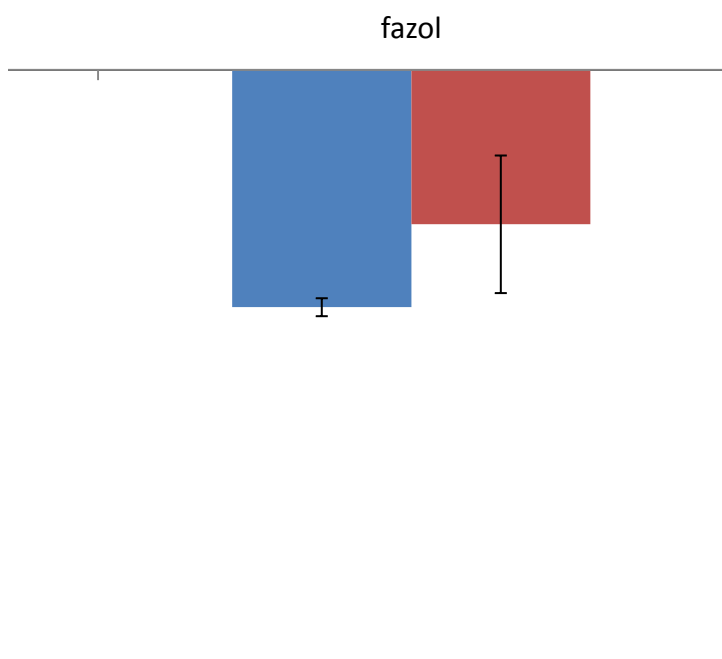


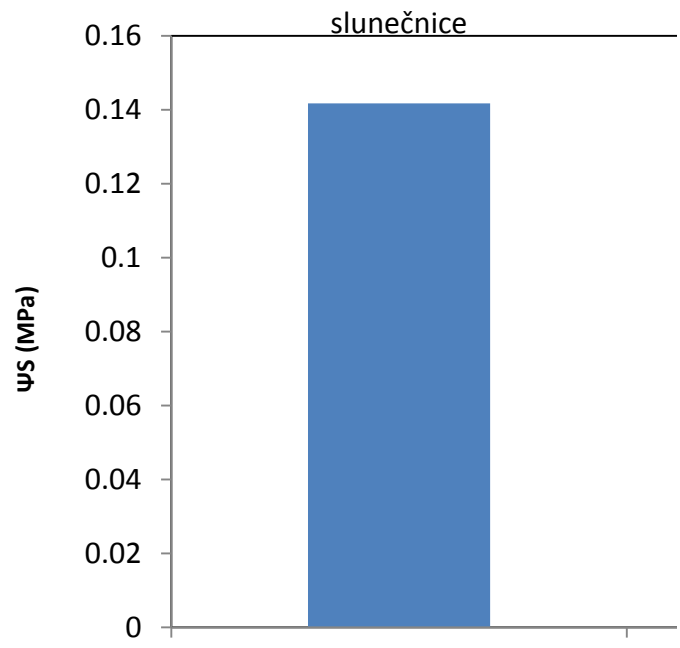
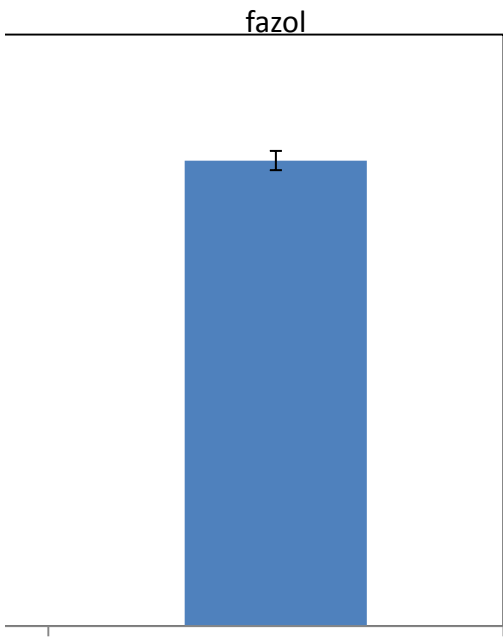
trátu ( $\Psi$ S; MPa)

$$y = 236\,824\,480\,449.33x^{-5.39}$$

slunečnice	fazol
0.141737789	0.051998118
0.319056226	0.048763167
0.141737789	0.051998118
0.125383069	0.002287456







1

」



fazol



S1	Scan (blue)	3	376.403	125.468	58.682	255
	Scan (blue)	6	317.095	52.849	49.436	255
	Scan (blue)	5	108.113	21.623	16.855	255
			801.611			
S2	Scan (blue)	3	406.463	135.488	63.368	255
	Scan (blue)	6	447.146	74.524	69.711	255
			853.609			
F2	Scan (blue)	2	107.789	53.895	16.805	255
	Scan (blue)	5	450.541	90.108	70.24	255
	Scan (blue)	2	458.42	229.21	71.469	255
	Scan (blue)	2	426.261	213.13	66.455	255
			1443.011			
F1	Scan (blue)	6	162.931	27.155	25.401	255
	Scan (blue)	8	427.984	53.498	66.724	255
	Scan (blue)	6	425.52	70.92	66.339	255
	Scan (blue)	6	441.05	73.508	68.761	255
			1457.485			