

| Varianta | Záření umol m-2 s-1 | CO2 vstup ppm | CO2 výstup ppm | Změna CO2 ppm | Průtok l min-1 | Listová plocha cm2 |
|-------------------------|------------------------|------------------|-------------------|------------------|-------------------|-----------------------|
| Kukuřice bez dusíku | 1000 | 1000 | 964 | 36 | 0.3 | 7.2 |
| | 500 | 1000 | 966 | 34 | 0.3 | |
| | 300 | 1000 | 970 | 30 | 0.3 | |
| | 100 | 1000 | 985 | 15 | 0.3 | |
| | 50 | 1000 | 992 | 8 | 0.3 | |
| | 0 | 1000 | 1004 | -4 | 0.3 | |
| Kukuřice kontrola | 1000 | 910 | 846 | 64 | 0.3 | 9 |
| | 500 | 910 | 852 | 58 | 0.3 | |
| | 300 | 910 | 867 | 43 | 0.3 | |
| | 100 | 910 | 885 | 25 | 0.3 | |
| | 50 | 910 | 909 | 1 | 0.3 | |
| | 0 | 910 | 914 | -4 | 0.3 | |
| Kukuřice bez fosforu | 1000 | 972 | 945 | 27 | 0.3 | 7.2 |
| | 500 | 972 | 948 | 24 | | |
| | 300 | 972 | 951 | 21 | | |
| | 100 | 972 | 959 | 13 | | |
| | 50 | 972 | 968 | 4 | | |
| | 0 | 972 | 978 | -6 | | |
| Slunečnice světlo | 1000 | 437 | 382 | 55 | 0.3 | 7 |
| | 500 | 437 | 385 | 52 | 0.3 | |
| | 300 | 437 | 393 | 44 | 0.3 | |
| | 100 | 437 | 415 | 22 | 0.3 | |
| | 50 | 437 | 423 | 14 | 0.3 | |
| | 0 | 437 | 438 | -1 | 0.3 | |
| Slunečnice stín | 1000 | 622 | 610 | 12 | 0.3 | 7.4 |
| | 500 | 622 | 611 | 11 | 0.3 | |
| | 300 | 622 | 612 | 10 | 0.3 | |
| | 100 | 622 | 615 | 7 | 0.3 | |
| | 50 | 622 | 617 | 5 | 0.3 | |
| | 0 | 622 | 626 | -4 | 0.3 | |

Pn
umol m⁻² s⁻¹