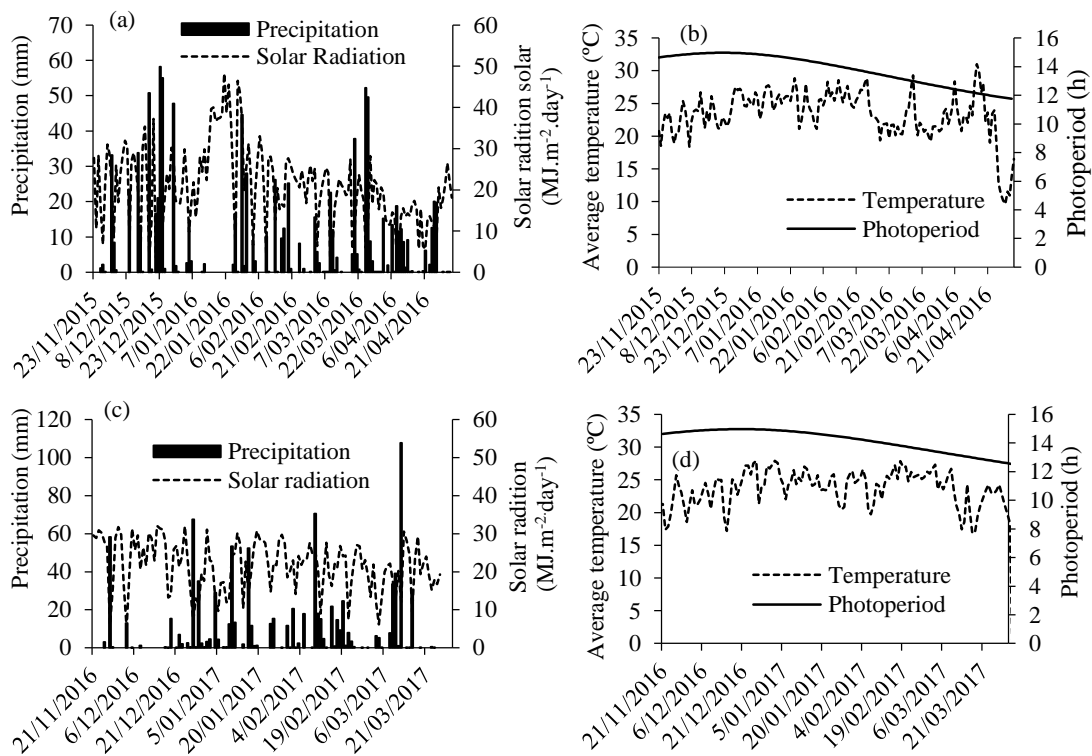


Spatial arrangement of plants on leaf growth and development and the yield potential of soybean

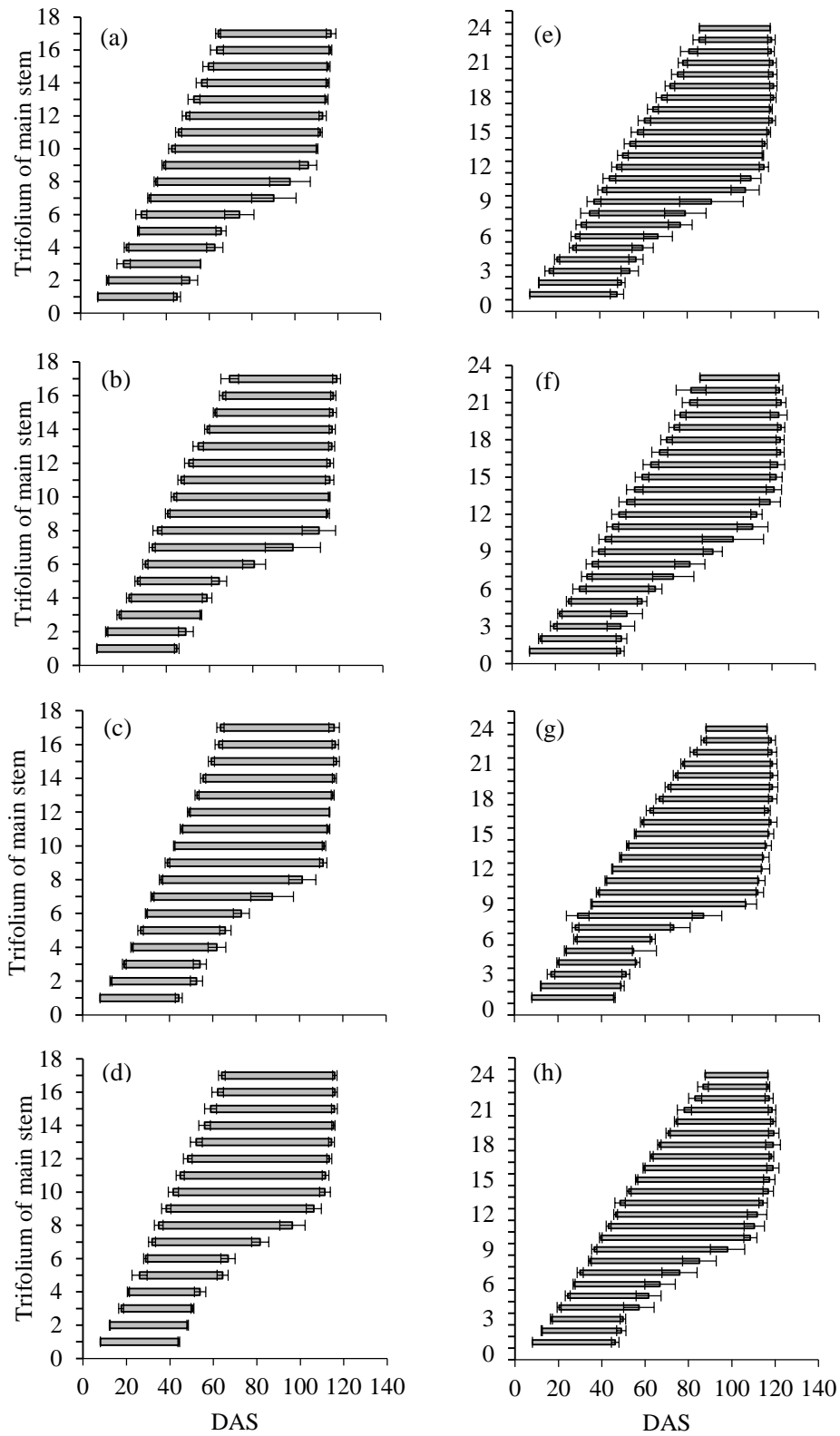
José Eduardo Minussi Winck, Thomas Newton Martin*, Marlo Adriano Bison Pinto, Lucas Allan Bruning, Guilherme de Almeida Arismendi

Supplementary Materials

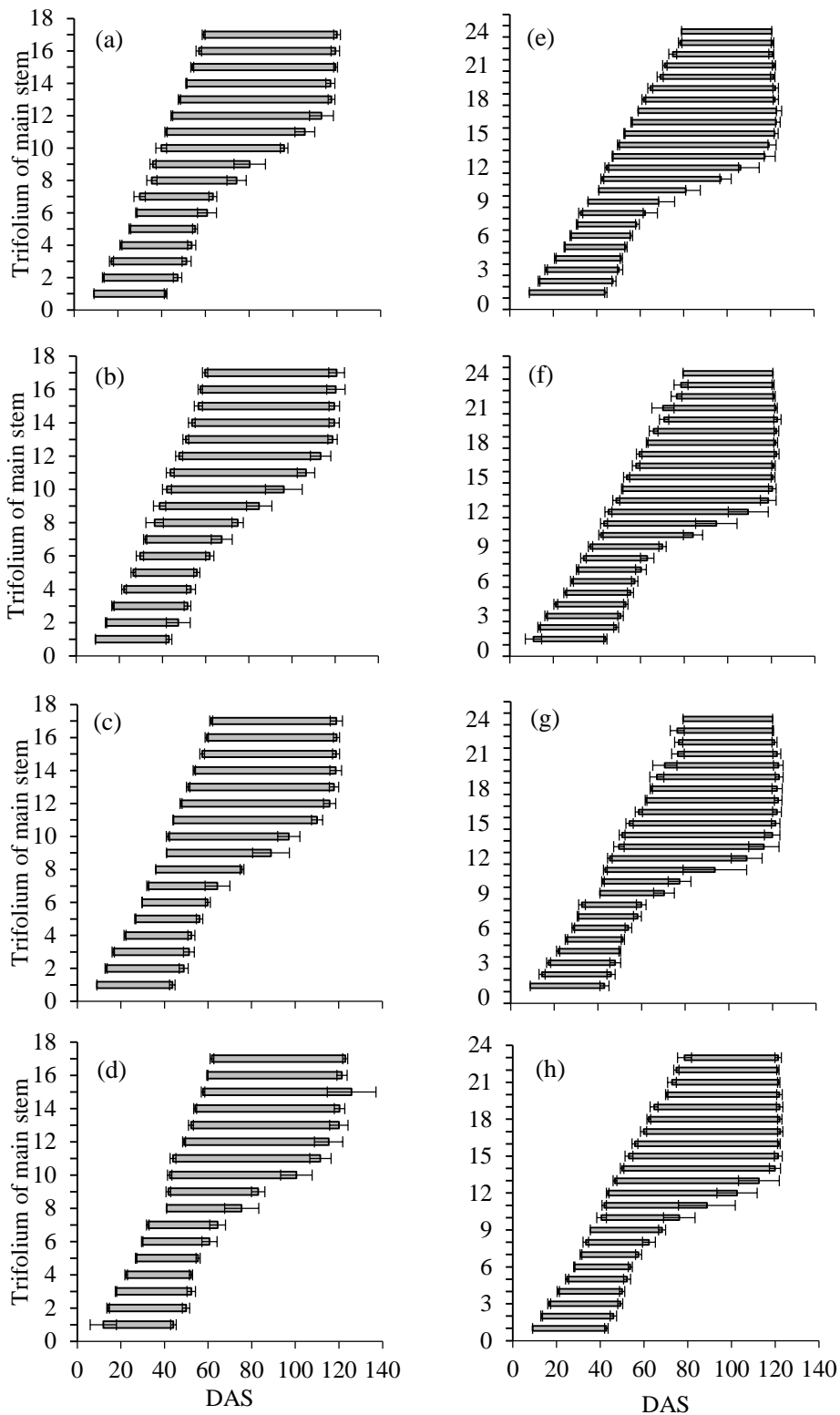
Supplementary Figure 1. Daily precipitation (mm) and flux density of incident solar radiation ($\text{MJ}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$) in 2015/2016 (a) and, 2016/2017 (c) and, mean air temperature ($^{\circ}\text{C}$) and photoperiod (hours) in 2015/2016 (b) and 2016/2017 (d) during the experiments in Santa Maria.



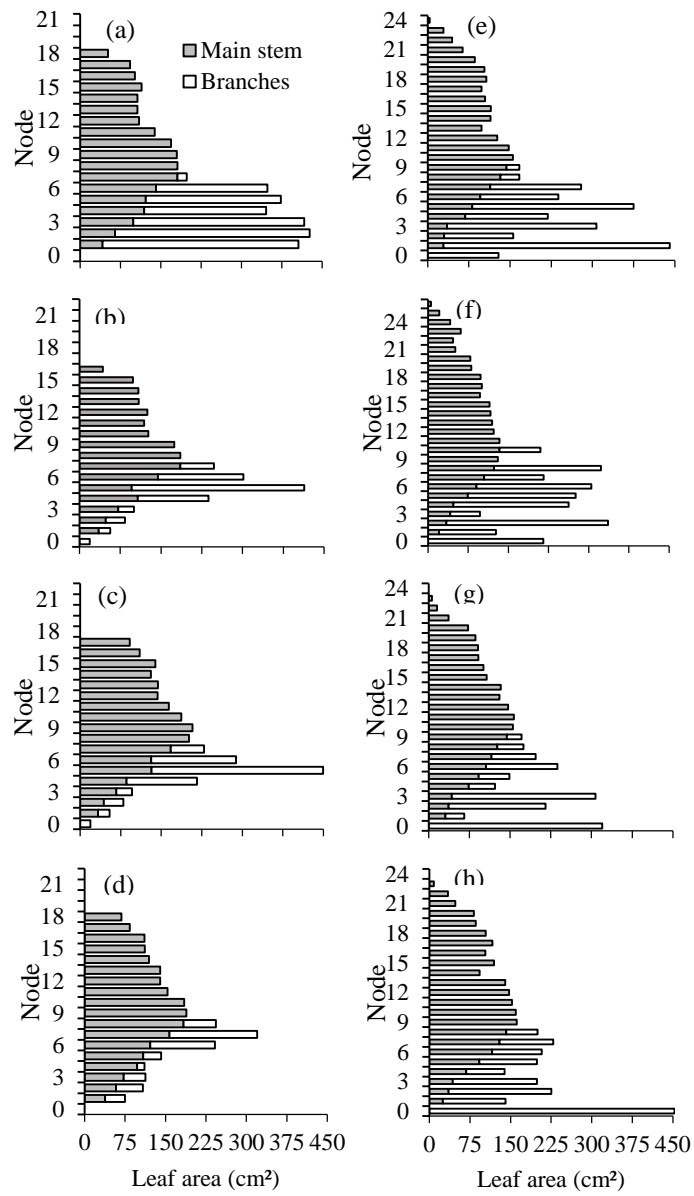
Supplementary Figure 2. Survival period of each trifolium of the main stem of the cultivars FPS Urano RR (a, b, c and d) and BMX Tornado RR (e, f, g and h) at the conventional row spacing (a and e), crossed (b and f), paired (c and g) and reduced (d and h) in the agricultural year 2015/2016.



Supplementary Figure 3. Survival period of each trifolium of the main stem of the cultivars FPS Urano RR (a, b, c and d) and BMX Tornado RR (e, f, g and h) at the conventional row spacing (a and e), crossed (b and f), paired (c and g) and reduced (d and h) in the agricultural year 2016/2017.



Supplementary Figure 4. Maximum leaf area of each trifolium and in the branches attached to each node of the main stem of the cultivars FPS Urano RR (a,b,c and d) and BMX Tornado RR (e,f,g and h) in the spacing conventional (a and e), crossed (b and f), paired (c and g) and reduced (d and h) in the agricultural year 2015/16.



Supplementary Figure 5. Maximum leaf area of each trifolium and in the branches attached to each node of the main stem of the cultivars FPS Urano RR (a,b,c and d) and BMX Tornado RR (e,f,g and h) in the spacing conventional (a and e), crossed (b and f), paired (c and g) and reduced (d and h) in the agricultural year 2016/17.

