

Editor's Comment:

Use of crop water stress index for irrigation scheduling of soybean in mediterranean conditions

- 1.- Include hypotehse of research
- 2.-Material and methods must be presented by sub-chapter: experimental site(soil, climate), experimental design, evaluations, statistical analysis. More detailed
3. Table 1: Add percentage of clay, loam and silt. Texture by USDA or International System??T. Include water availability and irrigation threshold water .Chemical analysis it is not necessary. What is CL, C, L??
4. Table 2. It must be worked with data of 2015 .
- 5.- What is Kpc. ¿Pan coefficient o or crop coefficient??
- 6.- Why the irrigation criterion for apply 25 + 5 mm
7. Justify water applied according to $I = A * E_p * K_{pc} * P$. It not considered soil and emitter
- 8.- It no description of drip irrigation (emitter, flow, spacement)
9. Which are the soil depth for soil moisture determination?
10. How was calculated the soil water depletion
- 11.-These research was mot measured some plant parameters as stomata conductance or stem water potential
- 12.- The relationship between $T_c - T_a(^{\circ}C)$ vs VPD it was very lower ($R^2=0,477$)
13. It not description of statistical analysis
14. Order results and discussion : Water applied, CWSI, Yield and soil moisture, soil moisture and CWSI, yield and CWSI

Conclusion:

This manuscript must be improved with more details in material and methods, review the translation to English and improve results and discussion with greater foundations. I think that lack scientific rigor. Rejected with the option to presented a new manuscript

Editor's Details:

Dr. Celerino Matias Quezada Landeros
Professor,
Departamento de Suelos y Recursos Naturales, Facultad de Agronomia,
Universidad de Concepcion, Chile