

TRIAL SUMMARY

Inoculated Gyptek and Terrus Pro Application as an Alternative Rhizobium Carrier for Mungbeans



Aim

Determine the use of inoculated Gyptek and Terrus Pro as an alternative rhizobium carrier for the enhance nodulation of mungbeans.

Trial Details

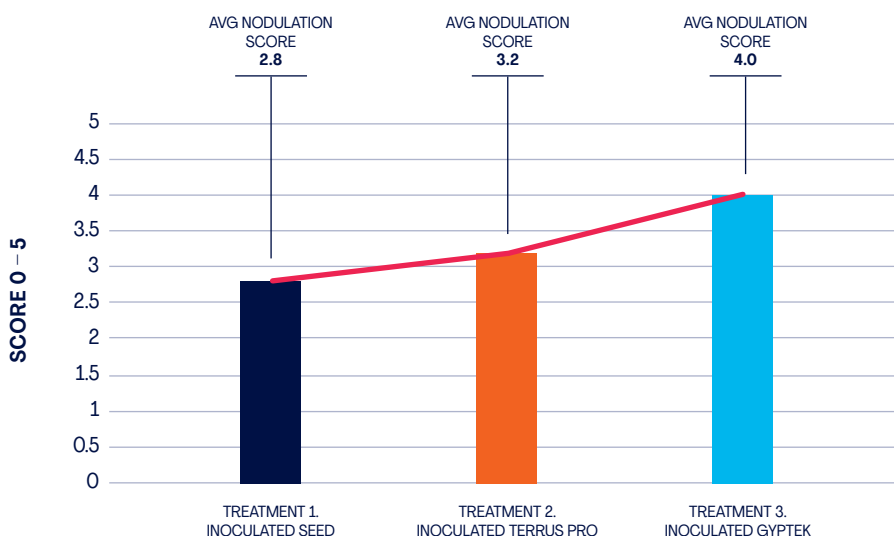
Year:	2024
Trial contact:	Paul McIntosh
Trial type:	Split block
Nodulation scoring:	Independent evaluation in consultation with Pulse Australia
Crop:	Mungbeans
Variety:	Jade
Location:	Darling Downs
Property:	Condamine Plains
Trial conditions:	Pivot irrigation
Application:	In-furrow
Treatment rates:	T1. Inoculated seed T2. Inoculated Terrus Pro at 50 Kg/Ha (Uninoculated seed) T3. Inoculated Gyptek at 50Kg/Ha (Uninoculated seed)



Results and observations

Visually, the inoculated Gyptek appeared to be the best treatment in terms of biomass and nodulation (Refer to figure 1).

Figure 1. **INDEPENDENT NODULATION SCORING**



Independent evaluation conducted by Pulse Australia. Sample size = 23 plants

Conclusion

Results indicated that the nodulation score in mungbeans was highest in the inoculated Gyptek treatment. As an alternative to seed inoculation, the inoculated Terrus Pro also scored above the inoculated seed.