

Società Italiana di Agronomia 50° Convegno Nazionale



Evoluzione dei sistemi agronomici in risposta alle sfide globali

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Future corn production relies on the maximization of inputs

of inputs

infined Floridan Aquifer System

Georgia

(USA)

Coastal Plain

- Potential solutions:
- User-friendly technologies for irrigation
- Split N application through fertigation

This study aims to test simple innovative practices to increase the efficiency of the inputs.





overall led to saving water





Steady yield among treatments

Average 12.3 Mg ha⁻¹



Conclusions

- User-friendly low-cost systems can increase the efficiency of irrigation water
- Split side-dress N application did not increase yield
- Low rate of split N application mantained high yield while increasing efficiency

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