

# Pierce

## Pivot irrigation: Maximum Efficiency in Pastures.

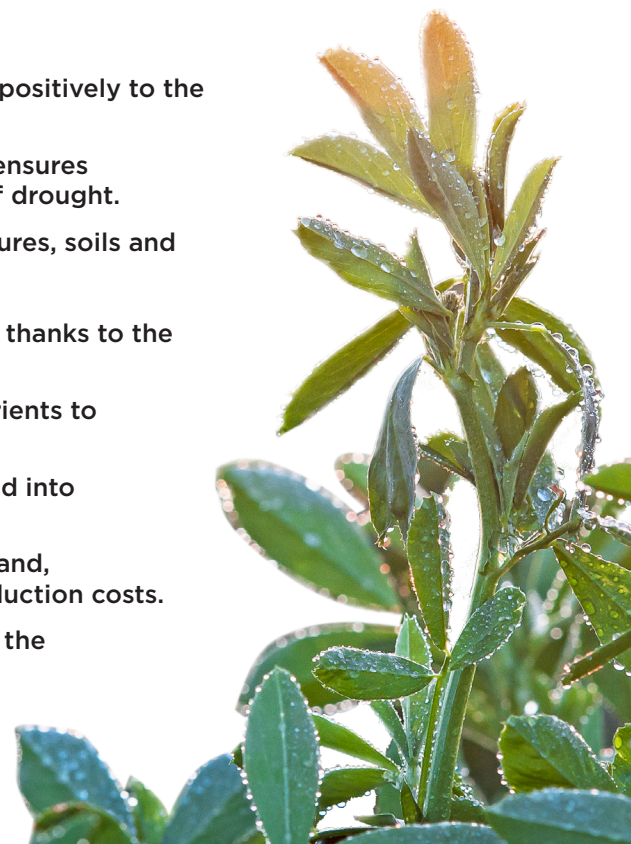
Pivot irrigation in pastures is crucial to maintain **economic efficiency** and **sustainability** in livestock production.

- **Economically**, it guarantees a constant supply of high-quality forage, optimizing profitability.
- **In terms of sustainability**, it allows efficient water use and reduces water losses.
- **Facing climate change**, irrigation helps mitigate the effects of drought and climate variability, ensuring stable production while optimizing natural resources.



## Benefits of using pivot in pasture:

1. **Optimal water supply:** provides water in the exact amount and at the exact time, with precise control over the amount supplied.
2. **High irrigation uniformity.**
3. **Improves the productivity and yield of grazing land**, contributing positively to the health and productivity of livestock.
4. **Prolonged grazing periods:** allows extended grazing periods and ensures continuous irrigation throughout the year, mitigating the effects of drought.
5. **Versatility of the system:** it adapts to a wide variety of crops, pastures, soils and slopes, and allows the application of irrigation in large areas.
6. **High automation:** offers high automation with low operating costs thanks to the use of iControl technology.
7. **Efficient fertigation:** facilitates fertigation, providing essential nutrients to plants and improving soil quality.
8. Facilitates direct grazing management as the field can be sectioned into grazing paddocks.
9. The pivot system **dissolves the feces** that cattle leave in the grassland, reducing the use of machinery to spread them and improving production costs.
10. **Contributes to the reduction of the meadow cutworm** by keeping the substrate continuously moist.



# DID YOU KNOW THAT .....?

Thanks to pivot irrigation, you can reach the winter with a quality pasture, achieving:



High dry matter potential



Higher stocking rate on the same surface area



Optimal grazing system

## WHAT GRASS CROPS CAN BE PIVOT IRRIGATED?

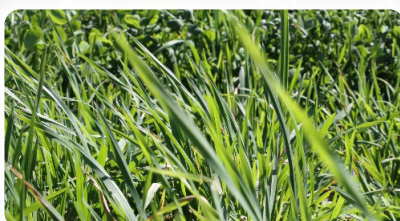
### **Ray-grass (*Lolium* spp.)**

Ideal for winter or fast-growing grasses in temperate climates.



### **Barleygrass (*Bromus* spp.)**

Suitable for pasture in drier climate regions.



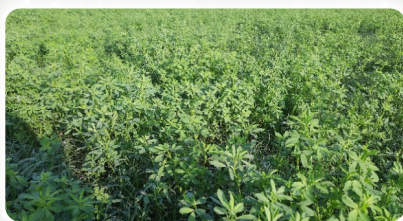
### **Festuca (*Festuca* spp.)**

Good for permanent and mixed pastures.



### **Alfalfa (*Medicago sativa*)**

Beneficial for pasture and hay production, especially in warmer climates.



### **Clover (*Trifolium* spp.)**

Used both for pasture and to improve soil quality.



### **Sorghum (*Sorghum* spp.)**

Based on intensive grazing systems, especially in warmer climates.



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