



Nouste Camp Football Stadium and Sports Complex, Pau, France

Elite Stadium Receives an Irrigation Upgrade With Help From Rain Bird®

Located near Pau in the southwest of France, Nouste Camp is a sports complex featuring a 4000-seat football stadium. This elite, second division field is home to Pau FC, who won the French National Championship in 2020.

THE CHALLENGE

The stadium's existing irrigation system is a hodgepodge of components from various manufacturers and it includes parts designed for residential-use only. The system must be upgraded for professional playability and player safety, while keeping in mind water conservation and plans for three new training pitches. Finding efficient, yet durable components that will withstand the area's sandy conditions is an additional challenge.

THE SOLUTION:

A purpose-built Rain Bird® irrigation system will keep the field in top condition without interfering with professional play or practice. Durable, efficient components will hold up to the sandy soil while saving water. Intuitive controllers will enable the grounds master to adjust watering based on matches and training times while allowing for future expansion.



ESP-LXME2 Controller

Core Products Used:

- [ESP-LXME2 Controller](#)
- [8005 Series Rotors](#)
- [PGA Series Valves](#)
- [WS-PRO2 Weather Station](#)
- [8005 Sod Cup Kits](#)

KEY OBJECTIVES

- ✓ Upgrade to professional products
- ✓ Overcome sandy conditions
- ✓ Enable convenient, flexible management
- ✓ Conserve water



Site Report: **Nouste Camp Football Stadium and Sports Complex, Pau, France**

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APPROACH:

Use Professional-Grade Products

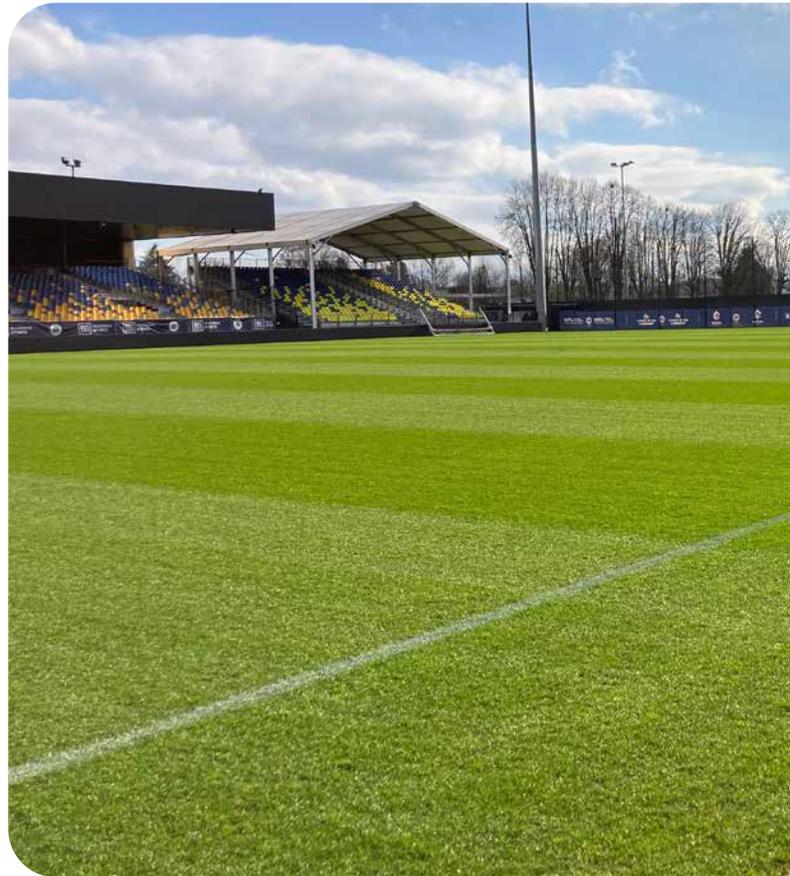
To maximize playability and player safety, the sports turf professionals will need to select high-quality components designed for professional matches. Tough **PGA valves** will be up to the task with their extreme durability. **8005 Series Rotors** coated with stainless steel will offer uniform distribution of water and long-term dependability, even in the sandy soil. The addition of **8005 Sod Cup Kits** will make the rotors virtually invisible and maintain safe conditions for players.

Enable Flexible Management

ESP-LXME2 Controllers will enable the grounds master to adjust watering based on the team's training schedule. These controllers offer 40 programs to meet the stadium's specific irrigation needs. They will also be easy to integrate into a central control system alongside the new training pitches planned for the future.

Conserve Water

WS-PRO2 Weather Stations will enable greater water conservation, adjusting watering based on Nouste Camp's daily evapotranspiration rate and rainfall. This intelligent Rain Bird technology includes sensors to measure air temperature, relative humidity, wind, rain, and solar radiation at the stadium to make the most of available municipal water.



RESULTS:

Prime Pitches for Elite Play

Nouste Camp now has a professional-grade irrigation system to match the elite level of play on the pitch. The grounds master reports that **maintenance tasks are much easier thanks to the controllers' numerous programming options**. He looks forward to evolving the system to control the three new training pitches that are in the works, plus the neighboring rugby pitch as well.

