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Dahl Al Hamam Park, Doha – Qatar



Project overview

The irrigation designer for Dahl Al Hamam Park, Doha- Qatar County, began evaluating product offerings in early 2020 to deliver a best-in-class system. After taking into consideration the system needs, the designer opted to utilize a range of K-Rain® commercial products throughout the development.

For the development's irrigation needs, the contractor, Sidra Agriculture Company, chose the K-Rain® Pro-S™ Spray for its reliability and many features. The Pro-S™ Spray is designed to provide long life and outstanding performance. In various sections of the system the designer was focused on delivering matched precipitation, no low-head drainage and product longevity in sandy conditions. Throughout this phase of the project, the designer chose various models of the Pro-S™ Spray matched with K-Rain® Rotary Nozzles – the RN 300 line – to deliver on these requirements.

The Rotary Nozzle RN 300-Fix360 line ensured optimized, matched precipitation rates to deliver up to 30% water savings, while the Pro-S™ Spray co-molded wiper seal design provided outstanding, leak-free, performance (even in low-pressure situations). The seal, and resulting operation, combined with leading pressure regulation technology, a pre-installed check valve, designated cap (where applicable) combined to make this the optimal spray and nozzle mix for these segments of the project. The Park will continue to rely on K-Rain's commercial product line to deliver the results and reliability.

Irrigation & Landscape Contractor

▶ Sidra Agriculture Company

K-Rain products used

- ▶ 4" Pro-S Spray
- ▶ Rotary Nozzles RN300-FIX 360