

LF™ Series Sprinkler

The Rain Bird® LF Series Sprinkler is built rugged to withstand the harsh conditions in agricultural applications. It has been designed to combine the advantages of an impact sprinkler with stream height flexibility that delivers precise, uniform and unrivaled water distribution.

This low-flow sprinkler series offers full-circle operation with a variety of color-coded nozzles and deflector inserts that snap into place with the push of a finger, making accommodations to every setup a snap.

Features and Benefits

◆ High Distribution Uniformity

- Weighted drive disk provides long dwell time between stream interruptions to achieve the maximum distance of throw
- The deflector is designed to provide a fan pattern to optimize uniformity
- During impact, the Precision Jet (PJ) spoon directs the water stream into the field preventing erosion at the riser base

◆ Most Robust Sprinkler in its Class

- Patented Ceramic Radial Bearing (CRB) is longer lasting than conventional counterparts
- Patented Flow Dependent Brake (FDB) stabilizes rotation time over a range of water pressures
- Provides consistent performance at high temperatures and below freezing
- Deflector made of composite engineered thermoplastic - provides dimensional stability, resists wear caused by dirty water conditions
- Drive disk made of engineered thermoplastic - shields and protects sprinkler from freezing, wind-blown and water-borne debris
- Springs and pin composed of high-grade stainless steel for corrosion resistance
- Ultraviolet (UV) stabilizer protects the sprinkler from the sun

◆ Easy to Use

- Sprinkler is comprised of: the drive unit, body, deflector and nozzle
Each piece can be purchased separately
- EZ-twist tabs allow simple removal of the drive unit; no tools required
- Nozzles and deflectors snap in place with the push of a finger
- Color-coded nozzles and deflectors allow easy identification
- Weed Guard blocks weeds from growing into the sprinkler and stopping the rotations

Accessories

- Edge Guard (Road Guard) precisely directs water back to the field
It can also be used as a part circle on edges and row ends
- Splash Guard fits over the top of the sprinkler and directs water downwards. When removing or replacing the sprinkler, allowing users to change or clean nozzles without getting soaked
- Stream Splitter splits the water to avoid direct water streams into tree trunks, equipment, and general areas that do not need watering

Operating Range

- Pressure: 25 to 60 psi (1.7 to 4.1 bar)
- Flow Rate: 0.77 to 4.02 gpm (175 to 913 l/hr)



Specifications

- 1/2" (13 mm) NPT male pipe thread
- 23mm Acme male thread (requires special adapter)
- Anti-theft, NPT and Acme bodies available

Nozzle Sizes:

White	0.0703"	(1.79mm, 50 drill)
Blue	0.078"	(1.98mm, 5/64")
Orange	0.086"	(2.18mm, 44 drill)
Purple	0.094"	(2.39mm, 3/32")
Yellow	0.102"	(2.59mm, 38 drill)
Green	0.109"	(2.76mm, 7/64")
Tan	0.117"	(2.97mm, 30 drill)
Red	0.1250"	(3.18mm, 1/8")
Black	0.1325"	(3.37mm, 29 drill)
Silver	0.1406"	(3.57mm, 9/64")

Deflector trajectory outlets are:

6°	(Yellow)
6°	(Dark Purple)
9°	(Purple)
10°	(White)
10°	(Lime Green)
12°	(Copper)
12°	(Cyan Blue)
12°	(Pink)
13°	(Maroon)
15°	(Brown)
15°	(Tangerine)
16°	(Red)
17°	(Powder Blue)
21°	(Olive Green)
22°	(Dark Green)