RAINTEK
No.299, Tongji Road, Ningbo, China
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Quality Irrigation Products

LEPA SPRINKLER

RainTek LEPA (low energy precision application) sprinklers use less energy than conventional low-pressure sprinklers and can operate using fewer water.

The beige inserts with a shroud to deflect water down in a gentle dome, and a cascading bubbler distributing water as a narrow stream. With our LEPA sprinkler, at least 20% more water reaches the soil than conventional spray nozzles.

Features and Benefits

LEPA sprinkler gently deliver water just 8 to 18 inches above the ground to combat wind-drift and prevent evaporation loss. It can operate at a very low pressure 6psi. The close spacing method distributes water over most of the soil surface with 40 inches (1 m) or less between heads. As a result, Close Spacing achieves application efficiencies typically exceeding 95%.

Product Number	Description
RTSP-LEPACBB	Beige Bubble Insert with Shroud, Without Nozzle
By combining a LEPA surface with a deflector pad, each of these allows for easy conversion between LEPA application and spray irrigation.	

- 100% tested, to ensure quality and performance;
- Prevent wind-drift losses;
- Minimize evaporation loss;
- Achieve a more uniform root zone coverage;
- Can increase yield with less water and reduce pumping costs;
- CE certificated.

ONE STOP SERVICES

sales@raintekglobal.com

March 10, 2026

LEPA SPRINKLER BENEFITS

Plant Health

[" We seldom would get more hay on the second cutting, but with the LEPA sprinklers, one pivot give us 40 more bales. The water in our area is high in calcium. The LEPA sprinklers get more water into the soil and help flush the salts deeper. With in-canopy application, the salts don't rest on the crops, which help produce more and bigger leaves. "] ***Chinese alfalfa grower***

- Achieve a more uniform root zone coverage;
- Increase yield with using less water;
- Help leach the salts in the soil;
- Avoid wetting plant canopy.

Save Money

[" Because close spaced LEPA sprinklers run at 10psi, they consume very little energy. Because we don't have to run these systems as long as traditional sprinklers, our power bill went down. And the low-to-ground delivery reduces wind drift and evaporative loss and the close spacing uniformity soaks the soil for good root development. "] ***Mongolia corn grower***

- Low pressure systems can reduce pumping costs;
- Qualified for government funding in select areas;
- Reduce potential rodent damage to crop and equipment over drip systems;
- Apply the water needed in fewer pivot passes.

Related Products

PSR-2 Regulator

Magnum Weight

UP3 Nozzle

RAINTEK

*Professional * Responsible*

*Innovative * Sustainable*

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