

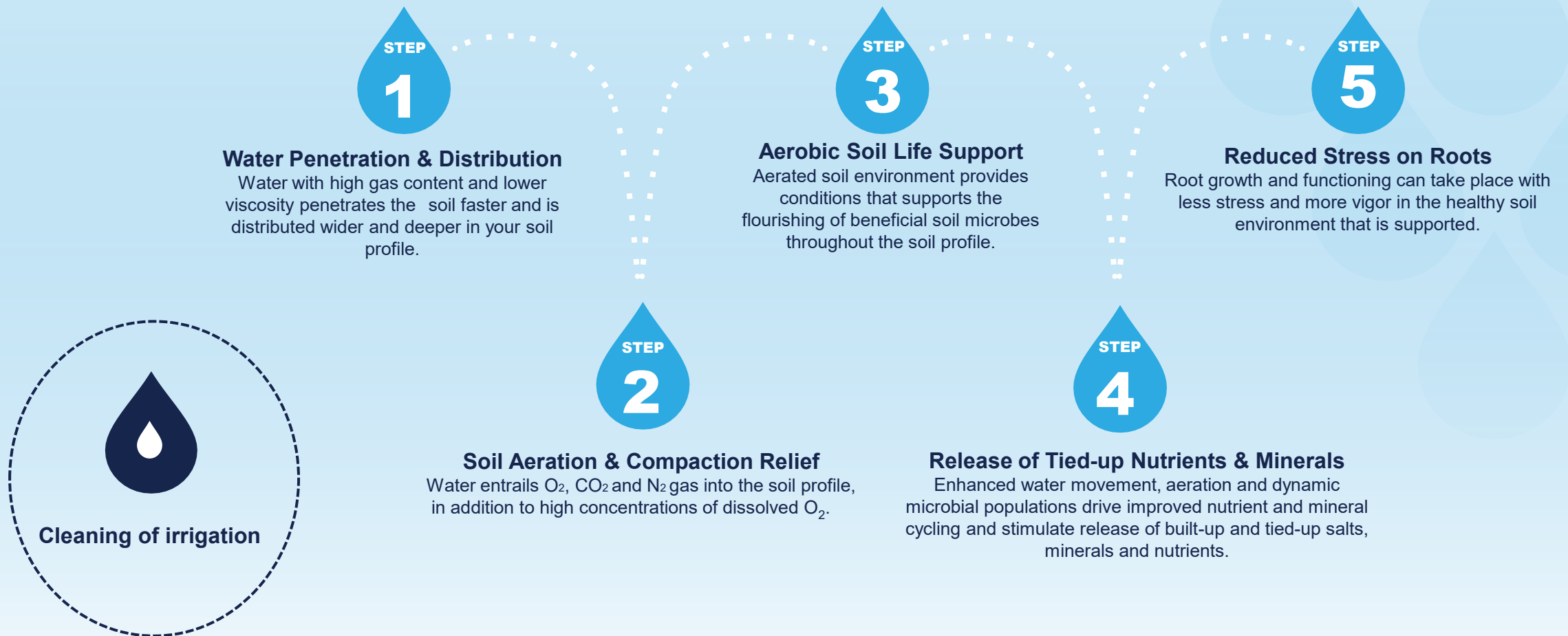


RainBox

by  AgriWater

RainBox - Testing and Monitoring protocols

RainBox Soil Treatment Process:



Testing and Monitoring protocols for RainBox:

Tracking the performance of the RainBox system through regular measurements is essential to understanding its impact on soil and plant health. These measurements serve as valuable tools to monitor the progress of the RainBox system on your farm. By systematically assessing these parameters, we can make informed decisions to improve efficiency, enhance crop growth, and maximize sustainability.

We have identified three important and simple measurements to track throughout the season:

- 1. Cleaning of irrigation systems**
- 2. Water penetration and distribution**
- 3. Soil aeration and compaction relief**

RainBox Soil Treatment Process Measurements:



Cleaning of irrigation

- Irrigation System/Equipment Inspections



Water Penetration & Distribution

- Soil Water Infiltration
- Soil Water Holding Capacity



Soil Aeration & Compaction Relief

- Soil Penetrometer Measurements



Troubleshoot protocols for RainBox:

If you are not seeing any noticeable improvement from the AOP treatment, particularly in the following areas:

1. A cleaner irrigation systems
2. Water penetration and distribution
3. Soil aeration and compaction relief

We first recommend conducting a **visual inspection of the RainBox**. Please ensure the following:

- All UV lamps inside the RainBox are operational
- The RainBot's dosing pump is functioning correctly
- The pressure readings of P1, P2, and P3 are in accordance with the design specifications

Troubleshoot protocols for RainBox:

After the visual inspection, and if everything appears to be operating as designed, we recommend sending the following information to our technical team for further analysis:

- Recent soil sample results
- Water analysis – if not yet submitted, please ensure it is sent
- Soil microbiome analysis
- Any available leaf or tissue sample results

This data will provide our technical specialists with sufficient information to evaluate your current situation and assist you in achieving the best possible results with the **RainBox** system.