

### Rain Bird® Irrigation Supplement IS Series - Indoor Use

Rain Bird Irrigation Supplement (IS) is water bound in the form of a solid gel. It is ideal for supplementing irrigation for containerized plants providing continuous moisture between watering cycles.

#### Features

- All natural, non-toxic, harmless to humans and pets and 100% degradable
- Disperses water at a consistent rate for up to 30 days
  - Bacteria naturally found in soil gradually break down the food grade ingredients and convert Irrigation Supplement back into liquid water at a consistent and steady release rate.
- The Perforated Tube and Gel Pack (IS-PT) provides a delivery mechanism providing three times the moisture
  - Increased moisture delivery allows for longer intervals between watering cycles for large containerized plants and hanging baskets, significantly reducing labor costs.
- The 2" Gel Pack is designed for easy application requiring no repotting
  - IS-GP30 is the preferred product for use in seasonal plants, small hanging baskets and window boxes.
- Helps new transplants stay healthy by eliminating over and under watering cycles
- Provides moisture around the clock to the root zone
  - The capillary activity in the soil carries and maintains moisture throughout the root zone for an extended period of time.
- Rain Bird Irrigation Supplement eliminates run-off and leaching of water onto carpets, flooring and concrete through this efficient, sub-surface, slow release delivery method
- Requires little to no maintenance

#### Models

- IS-PT: Perforated Tube and Gel Pack
- IS-GP: Gel Pack
- IS-GP30: 2" Gel Pack



IS-PT: Perforated Tube and Gel Pack



IS-GP: 3" Gel Pack

#### General Use Guide for Container Plants

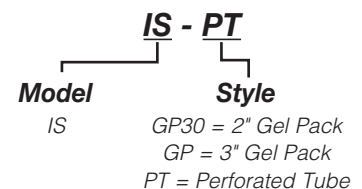
Container Size	Number of 2" Gel Packs	Number of Perforated Tubes
6"	1	–
8"	1-2	–
10"	2-3	–
12"	3-4	1
15"	3-5	1
18"	6-9	2
20"	8-10	3
24"	–	4
32"	–	6
36"	–	8
48"	–	12

- ◆ The rate at which product liquefies varies based on several factors resulting in usage life that may be shorter than 30 days. Users are advised to check product at two weeks prior to the specified application time.
- ◆ The recommended number of units is based on average needs of medium water use plant material.
- ◆ The amount of units used can be adjusted for extreme dry or wet climate conditions.
- ◆ Excessive heat, wind, and plants with extensive foliage or fruit will require additional watering.
- ◆ The frequency at which you apply water will depend on the climate and the plant materials.
- ◆ Plants in above ground containers dry out faster than those planted in the ground. When IS is used in this manner, additional watering will be needed.
- ◆ Users are advised to observe plants for any signs of stress, then water immediately to avoid damage to plant.



IS-GP30: 2" Gel Pack

#### How to Specify





**Specifications**

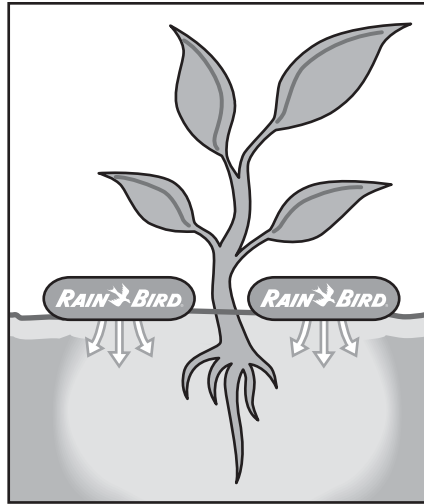
**IS-GP30:** The 30-day Gel Pack shall be a 2" (5,08 cm) diameter by 6" (15,24 cm) length and wrapped in a plastic casing. It shall contain a 100% all-natural, non-toxic gel harmless to people and animals. Style selection and installation of the product shall be in accordance with installation and user guide manual recommendations. Ingredients shall consist of 98% potable water and 2% food grade, all natural ingredients.

The rate at which the product liquefies varies based on several factors, resulting in a usage life that could be shorter than 30 days. Users are advised to check the product package within 15 - 25 days.

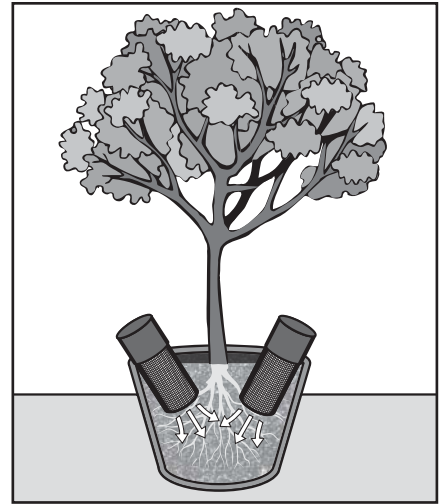
**IS-PT:** Rain Bird IS time release water assemblies shall consist of a high density polyethylene tube that is 3.46" (8,8 cm) in diameter by 7" (17,8 cm) in length with a UV protected cap and gel pack consisting of Irrigation Supplement (IS). Each gel pack will consist of 98% potable water and 2% food grade, all natural ingredients.

Contractor shall furnish and install time release water assemblies at each plant as shown on plans; each time release water assembly shall be installed so that the tube and gel are in direct contact with root ball. The water shall remain in a gelled state until it is exposed to soil bacteria. IS-PT typically delivers moisture up to 30 days depending on several factors.

After initial assembly installation, the contractor shall replace gel-packs as necessary or as instructed by the PM or RE to provide sufficient water to keep plants in a healthy and active growing condition.



Rain Bird IS-GP30  
30-Day Gel Pack



Rain Bird IS-PT  
Perforated Tube and Gel Pack Assembly

When using the IS-PT time release water assemblies the contractor shall remove and dispose of all polyethylene tubes and caps within 20 working days prior to completion of contract. The contractor shall backfill the holes produced by the removal of IS-PT time release water assemblies with adjacent soil from the project site. Backfilled soil shall be gently compacted down sufficiently to eliminate air pockets.

*\*Test results show that IS gel liquefies faster during higher temperatures; results which are consistent with the increase in a plants water needs during the peak water requirement periods. Water release rates are 20% higher at 25° C than 15° C.*

Rain Bird Irrigation Supplement products shall be sold by Rain Bird Corporation.

**Rain Bird IS is not a Polymer!**

Rain Bird® Irrigation Supplement	Synthetic Polymers
Is water.	Are small sponges that require water to work.
Waters plant for 30 - 90 days, (depending on specified product) without competing with plant for moisture.	Competes with plant for moisture.
Does not contribute to root disease. It stops dispersing moisture when soil is very wet.	Holds water at roots during extended wet weather causing root disease.

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[www.rainbird.com](http://www.rainbird.com)

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