

# Fertilize as You Irrigate!

with professional grade **Fertilizer Caddy®** fertilizer injector and foliar feeder



Fertilizing is not the labor intensive task that it used to be. **Fertilizer Caddy®** fertilizer injectors apply fertilizer proportionately and evenly throughout a drip and/or conventional sprinkler irrigation system with minimal pressure loss and only one moving part. Fertilize automatically without cumbersome spreaders or hose-end applicators. Simply let the **Fertilizer Caddy®** fertilizer injector do all the work! If you have a drip irrigation system, you already know you can no longer broadcast dry fertilizer and expect it to be leached into the soil by overhead watering, where the roots can absorb it. With a drip irrigation system, the fertilizer has to be in the water as it is applied to individual plants.

**Fertilizer Caddy®** proportioning fertilizer injectors are ideal for residential, agriculture, commercial, greenhouse, and golf course application of fertilizer and/or additives! Feed lawns, gardens, shrubs, trees, vineyards, groves, and potted plants automatically without spreaders or hoses. No pump or outside power source is required. The **Fertilizer Caddy®** is preset to apply the optimum rate of fertilizer and/or additive that will benefit all the plants on your drip and/or conventional sprinkler irrigation system, or hose-end sprinkler/spray. As an added benefit, the **Fertilizer Caddy®** has been designed for use with any brand of liquid fertilizer on the market today, and can also be used with totally water-soluble dry fertilizers, such as Scotts Miracle Gro® or Peters Professional®, Bandini Pro Choice®, or Grow More®, when pre-blended with water. When the **Fertilizer Caddy®** is equipped with hose threads, it makes it easy to move around the yard from hose bib to hose bib, making it even more versatile.

Over many years, tests have concluded that applying liquid fertilizer on a regular basis is much more beneficial to a plant than being fed infrequently with a dry, granular form of fertilizer. Liquid fertilizer is absorbed far more easily by a plant's root system, and there are no leftover residues or minerals that can, over a period of prolonged use, damage a plant or lawn. You may also want to consider dispensing a wetting agent to help breakup compacted soil, micro-nutrients and Vitamin Institute's SUPERthrive™ containing vitamins and hormones for healthier plants, and Vitamin B-1 when transplanting trees and shrubs.

Why is liquid fertilizer recommended? Because studies have shown that all fertilizers must be in liquid form before they can be absorbed by plants. The properties of liquid fertilizers are far different from dry forms (such as time-release pellets) by the manner in which they move through the soil and become available to plants and grass. Liquid fertilizer (which includes water soluble fertilizer that has been premixed with water) is faster and superior to dry forms when applied in frequent, small amounts. This enables plants to absorb the nutrients before they are washed away. This also means that there are no stress periods of high and low levels of fertilizer which inhibit growth, and no leaching can take place by over watering, which might contaminate natural waters.

**Fertilizer Caddy®** fertilizer injectors have received the prestigious **AE50** award of recognition from the **American Society of Agricultural Engineers** for outstanding innovations in product design.

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**Strong Injectors™**

A Division of *Strong Enterprises*

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***Fertigation....the easy, efficient and economical way to fertilize as you irrigate!***

# Fertilizer Caddy®

## Fertilizer Injector

### Specifications

model	volume (capacity)	inlet & outlet size (pipe or hose thread)	min. flow g rate (GPM)	gallons of flow to empty	dimensions (length x width x height)
GMPC 7525	1½ Quart	¾" FPT x ¾" FPT	½	75	9" l x 5" w x 7" h
GMPC 7525-H	1½ Quart	¾" FHT x ¾" MHT	½	75	9" l x 5" w x 7" h
GMPC-1025	1½ Quart	1" FPT x 1" FPT	1	75	9" l x 5" w x 7" h
GMPC 7550	½ Gallon	¾" FPT x ¾" FPT	½	100	12" l x 5" w x 7" h
GMPC 7550-H	½ Gallon	¾" FHT x ¾" MHT	½	100	12" l x 5" w x 7" h
GPMC 1050	½ Gallon	1" FPT x 1" FPT	1	100	12" l x 5" w x 7" h
GMPC 75100	1 Gallon	¾" FPT x ¾" FPT	½	200	14" l x 8" w x 10" h
GMPC 75100-H	1 Gallon	¾" FHT x ¾" MHT	½	200	14" l x 8" w x 10" h
GPMC 10100	1 Gallon	1" FPT x 1" FPT	1	200	14" l x 8" w x 10" h
GMPC 15100	1 Gallon	1½" FPT x 1½" FPT	2	200	14" l x 8" w x 10" h
GPMC 20100	1 Gallon	2" FPT x 2" FPT	5	200	14" l x 8" w x 10" h
GMPC 75200	2 Gallon	¾" FPT x ¾" FPT	½	400	22" l x 8" w x 10" h
GMPC 75200-H	2 Gallon	¾" FHT x ¾" MHT	½	400	22" l x 8" w x 10" h
GPMC 10200	2 Gallon	1" FPT x 1" FPT	1	400	22" l x 8" w x 10" h
GMPC 15200	2 Gallon	1½" FPT x 1½" FPT	2	400	22" l x 8" w x 10" h
GPMC 20200	2 Gallon	2" FPT x 2" FPT	5	400	22" l x 8" w x 10" h
GMPC 75300	3 Gallon	¾" FPT x ¾" FPT	½	600	20" l x 10" w x 16" h
GMPC 75300-H	3 Gallon	¾" FHT x ¾" MHT	½	600	20" l x 10" w x 16" h
GPMC-10300	3 Gallon	1" FPT x 1" FPT	1	600	20" l x 10" w x 16" h
GMPC 15300	3 Gallon	1½" FPT x 1½" FPT	2	600	20" l x 10" w x 16" h
GPMC 20300	3 Gallon	2" FPT x 2" FPT	5	600	20" l x 10" w x 16" h
GMPC 75500	5 Gallon	¾" FPT x ¾" FPT	½	1,000	26" l x 10" w x 16" h
GMPC 75500-H	5 Gallon	¾" FHT x ¾" MHT	½	1,000	26" l x 10" w x 16" h
GPMC 10500	5 Gallon	1" FPT x 1" FPT	1	1,000	26" l x 10" w x 16" h
GMPC 15500	5 Gallon	1½" FPT x 1½" FPT	2	1,000	26" l x 10" w x 16" h
GPMC 20500	5 Gallon	2" FPT x 2" FPT	5	1,000	26" l x 10" w x 16" h

FPT - female pipe thread

FHT - female hose thread

MHT - male hose thread

A minimum of 10 PSI (pounds per square inch) of pressure is required for the injector to function. The inlet/outlet manifold of the injector must be installed higher than the additive tank. Fertilizer must be in liquid form when it's poured into the injector.

Care must be taken to ensure that anything that is placed into the fertilizer tank cannot flow back into the potable water system. An approved backflow device such as an anti-siphon valve, a pressure vacuum breaker, or reduced pressure backflow preventer, must be installed upstream from the fertilizer injector.

Fertilizer must be in liquid form when it's poured into the injector. If using a premixed liquid, you can pour it in full strength. If using dry, totally water soluble granular fertilizer, such as Scotts Miracle-Gro® or Peters Professional®, premix with water.

**Never** pressurize the injector without it being completely full of water, fertilizer, or additive! **Never** install the injector in direct sunlight! **Always** drain unit if there is a chance of freezing!

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