



**Rail City Garden Center**  
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## **Earthworms**

**Earthworms** improve soil conditions through aeration by burrowing in pursuit of food. This constant aeration of the soil results in less evaporation and surface run-off, thereby providing for more efficient use of moisture introduced to the soil.

Each earthworm ingests its weight in organic matter every twenty four hours. Its intricate digestive tract makes it possible for the earthworms to excrete highly nutritious fertilizer know as castings. These casting are the most perfect plant food known to man, and contain: 5 times the available nitrogen, 7 times the available phosphorus, 3 times the exchangeable magnesium, 11 times the available potash and 1 ½ times more calcium than found in six inches of good topsoil. The increases are directly attributable to the organic matter eaten by the earthworms. Castings are water soluble and immediately available to plant life. Castings do not heat and will not burn plants regardless of the quantity made available to the plant. The action of the earthworms in compost piles will speed up the reduction of organic material in one half the time required by bacterial action alone.

We package the earthworms in ventilated containers mixed with peat moss. The earthworms vary in size; packages include eggs, new born earthworms and adults. Earthworms reach mature size (about four inches long) in six to twelve months.

**Release Instructions:** Simply scatter the earthworms on top of the soil in your garden or potted plants or across your lawn. For best results, release in the evening after watering. The earthworms will burrow into the earth and immediately begin their soil improving tasks.