

**SoilPro™
Premium**



**Products
Compost**

Multi-Purpose Soil Amendment & Media Component

Nursery & Greenhouse Information

The Inland Empire Regional Composting Authority (IERCA) manufactures **SoilPro™ Products Premium Compost** at its state-of-the-art composting facility in Rancho Cucamonga, California. At this 'high tech' facility, modern engineering principles are used to accelerate the natural degradation process – enabling a “finished” product to be produced in just 2 to 3 months. Ongoing monitoring of the system allows for a consistently high quality growing media component to be produced. **SoilPro™ Products Premium Compost** is rich in organic matter and nutrients, both of which are essential components to nutrient healthy and productive growing media. For this reason, **SoilPro™ Products Premium Compost** is an excellent component to both greenhouse potting and nursery container media. Further, the 'in-vessel' composting process (*the only facility of its type in California*), essentially “pasteurizes” the product, allowing **SoilPro™ Products Premium Compost** to boast that it is free of viable weed seeds and plant pathogens.

SoilPro Products™ Premium Compost Use Benefits

1. **Physical Conditioning** - **SoilPro™ Products Premium Compost** adds organic matter which improves the water holding capacity of growing media. Further, **SoilPro™ Products Premium Compost's** “coarse” fraction creates large pore spaces into the media to which it is added, allowing water, air and nutrient movement to plant roots.
2. **Provides Organic Matter and Humus** – Organic matter is the ‘workhorse’ of the soil and growing media, proving food for microbial populations. **SoilPro™ Products Premium Compost** is also rich in humus, which improves the products ability to hold nutrients.
3. **Adds Nutrients** - **SoilPro™ Products Premium Compost** is rich in both macro and micro nutrients. These nutrients are available in slow release form, minimizing the potential to burn new plants and reducing short-term supplemental nitrogen additions.

SOILPRO Compost Mixing and Blending

In order to preserve the physical structure of the product, always take care when mixing and blending **SoilPro™ Products Premium Compost** with other media components. *Remember, its finer fraction holds water, while its coarser fraction improves moisture percolation.* For this reason, **SoilPro™ Products Premium Compost** should not be blended using a hammer mill, as it grinds the product, and auger or paddle mixers should be used with caution. With these types of units, add **SoilPro™ Products Premium Compost** into the blending unit last. The best mechanical units to use are rotating drums (cement mixers), flail-type units and front-end loaders. It is always recommended to mix only as long as it takes to obtain a homogenous media.

The body of research completed on the use of biosolids compost in nursery and greenhouse applications is extensive, and dates back to the late 1970's. This research showed that when biosolids compost, like **SoilPro™ Products Premium Compost**, are used at levels of 20% (by volume) and above then nitrogen additions can be delayed 2 to 3 weeks (often slow release nutrient packages as applied to the mix) after transplant and the addition of micronutrient packages can be eliminated. U.S. and European research has shown that wetting agents can often be eliminated when using biosolids composts. Further, the Iron content in **SoilPro™ Products Premium Compost** will promote deep green color in plant foliage.

Guaranteed Minimum Nutrient Analysis

Total Nitrogen (N).....	0.75%
0.75%	Water Insoluble Nitrogen*
Available Phosphate (P ₂ O ₅).....	1.0%
Soluble Potash (K ₂ O).....	0.25%
Iron (Fe).....	1.0%

Nutrients are derived from composted biosolids (sewage sludge).

*0.75% Slow release nitrogen

Soil Amending Ingredient List

Composted biosolids (sewage sludge), forest products, yard trimmings and straw.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

SoilPro™ Products Premium Compost is sold in bulk form, by the cubic yard or ton.

SoilPro™ Products Premium Compost Mixing and Blending

There are an immense number of bedding plants and nursery stock species grown in California. These plants are grown for use in specific beautification applications (home, landscape) or to provide specific functions (shading, wind block). Individual plant species, as well as plant families, have specific nutritional and media requirements that must be carefully managed by nurserymen. For that reason, **the recommendations below should be considered as generic and not specific for any specific application. For detailed assistance with your specific application, please contact a SoilPro™ Products representative. SoilPro™ Products Premium Compost** is rich in nutrition, and as such, all plant materials should be watered thoroughly following transplanting.

Bedding Plants

Typical inclusion rates of **SoilPro™ Products Premium Compost** in bedding plant media are 15 to 25% by volume, with a typical media consisting of:

- 1 part **SoilPro™ Products Premium Compost**
- 2 parts Sphagnum peat moss*, and
- 1 part vermiculite or perlite

General Nursery Stock

Typical inclusion rates of **SoilPro™ Products Premium Compost** in nursery stock media are 20 to 33% by volume, with a typical media consisting of:

- 1 part **SoilPro™ Products Premium Compost**
- 1 part Sphagnum peat moss*, and
- 1 part coarse sand

or

- 1 part **SoilPro™ Products Premium Compost**
- 1 part composted bark
- 1 part Sphagnum peat moss*, and
- 1 part coarse sand

*Coir is often used to replace a percentage of the peat moss in these mixes

Manufactured by:

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