

# Horti-Perl®

## PERLITE-PEAT SOILS

A premium PERLITE product by  
**REDCO II**

PRODUCT  
INFORMATION  
BULLETIN

# 103B

## Custom Light Weight Soils for the Professional Grower

Many wholesale growers know that the advantages of top-quality soil far outweigh the slight added cost. Proper soil increases profits through better quality, faster growth, and minimized losses. Horti-Perl Custom Soils from Redco II are uniform blends of propagation-grade Horti-Perl and the finest Canadian Sphagnum peat moss. They can be used directly from the bag, thereby cutting labor and equipment to a minimum.

Container growers profit from Horti-Perl Soils in many different ways:

- Convenience Large economical 5 cubic foot bags; use directly from the bag
- Disease free Sterilization not required with sterile perlite, non-pathogenic peat.
- Easy Wetting Treated to speed fast, uniform wetting
- Ideal Aeration Airspace after drainage, 20% or more
- Moisture Retention 35% + after drainage
- Lightweight 35 lb. per cu. ft. or less, saturated (about 2 lb. per flat vs. soil at 8 to 9 lb.)
- Economical Eliminates labor, equipment, and depreciation cost of field mixing.
- Predictable Controlled performance maximizes growth, minimizes costly variations.
- Simple No inventory of soil materials or additives.

SEE REVERSE FOR AVAILABLE TYPES OF SOIL

## TYPES OF HORTI-PERL BLENDS

### “VP” BLEND

“VP” is a unique proprietary medium for propagating, potting, or growing. It is a uniform blend of Horti-Perl screened horticultural perlite (2/3 by volume) and the finest green-house grade of Canadian Spagnum peat moss (1/3 by volume). “VP Blend” is pH adjusted and is also treated for easy, uniform wetting. No fertilizers are used in “VP”, as most would be leached out under mist or watering before rooting is initiated. A balanced fertilizer program is urged in all Horti-Perl Blends after plants have taken root

### OTHER BLEND TYPES WITHOUT NUTRIENTS

These custom soils are supplied with the pH adjusted to a range of 5.5 to 6.5, unless otherwise requested.

<b>Blends Available</b>		
<b>Proportions Perlite to Peat Moss</b>	<b>Adjusted pH</b>	<b>Natural pH</b>
90% Perlite, 10% Peat	No. 914-A	No. 914
80% Perlite, 20% Peat	No. 824-A	No. 824
70% Perlite, 30% Peat	No. 734-A	No. 734
60% Perlite, 40% Peat	No. 644-A	No. 644
50% Perlite, 50% Peat	No. 554-A	No. 554
40% Perlite, 60% Peat	No. 464-A	No. 464
30% Perlite, 70% Peat	No. 374-A	No. 374

Other proportions, including those with plug grade perlite (#31-T), are available on special order.

## ORGANIC AMENDMENT ANALYSIS

### VP Mix Typical Analysis

Values Based Upon Dry Weight	pH .....				5.9-6.7
	Moisture Content .....				11-45%
	Bulk Density, .....	lbs per cubic yard			285-375
	Organic Matter (by ash) .....				20-25%
		Percent Passing	9.51mm	( <sup>3</sup> / <sub>8</sub> " )	100
			6.35mm	( <sup>1</sup> / <sub>4</sub> " )	100
			2.38mm	(No. 8)	80-98
			.500mm	(No. 35)	36-38
	Available Calcium .....				8,000-10,000 ppm
	Available Magnesium .....				1,500-2,000 ppm
Half Saturation Percentage .....				200-300	