

## LM-4 TOBACCO GERMINATION MIX

A fine fibred blond Canadian sphagnum peat moss blend with fine perlite and fine vermiculite that helps insure excellent water retention for optimal germination. A well balanced starter charge of macro and micro nutrients specially a balanced pH using dolomitic and calcitic limestone. This mix has a slightly higher pH than our LM-1. LM4 is suitable for overhead and sub-irrigation.

### COMPONENTS:

Canadian Sphagnum Peat Moss	Dolomitic Limestone
Horticultural Perlite	Wetting Agent
Horticultural Vermiculite	Starter Nutrient Charge
Calcitic Limestone	

### CHEMICAL CHARACTERISTICS:

pH Range: 5.4 – 6.3 (S.M.E)  
 Electrical Conductivity: 1 – 1.5 mmhos/cm (S.M.E)  
 S.M.E. Nutrient Analysis: results in ppm (mg/L)

N-NO <sub>3</sub> nitrate nitrogen	N-NH <sub>4</sub> ammoniacal nitrogen	P phosphorus	K potassium	Ca calcium	Mg magnesium	Na sodium	Zn zinc	Mn manganese	Cu copper	Fe iron	B boron
40-80	5-10	10-25	80-140	70-120	40-60	15-30	0.2- 0.8	0.05-0.65	0.03- 0.13	0.15- 2.35	0.1- 0.5

Particle Size Analysis (CPVQ Method Agdex 533):

	COARSE	MEDIUM				FINE	
#US	¼	5	10	20	50	100	Pan
mm	6.35	4.00	2.00	0.85	0.3	0.15	
%	0.2	1-3	21-31	45-55	14-20	2-4	0-1

### PHYSICAL CHARACTERISTICS:

Air Porosity:	14 - 24% (V/V)
Bulk Density:	6 - 10 lbs /cu.ft. ( 0.10 - 0.16 g/cm <sup>3</sup> )
Moisture Content:	40 - 60%
Water-Holding Capacity:	60 - 72% by volume

### PACKAGE AVAILABLE:

Size	Quantity
3 cu.ft. Loose	48 bags/pallet
74 cu.ft. Loose	2 bags/pallet
3.8 cu.ft. Compress.	30 bags/pallet
55 cu.ft. Compress.	2 bags/pallet
Super Bulk Bale	1 bag/pallet

Note: The information above is accurate and reliable to the best of our knowledge. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and LAMBERT PEAT MOSS Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained.

*These data are for information purposes only. Peat moss is a natural product; therefore, results for individual samples may vary.*