

SOIL MIX



UNLIKE SOME ORGANIC MATERIALS, EPS FLAKES DO NOT ROT AND DISSOLVE AWAY. THEY REMAIN PERMANENTLY IN THE SOIL AND DO NOT SOAK UP WATER.

SOIL MIX

ADVANTAGES OF EPS SOIL MIX:

- 1.) MORE THAN 60% LESS EXPENSIVE THAN PERLITE OR VERMICULITE.
- 2.) NO NUTRITIONAL VALUE — IMPROVES SOIL CHARACTERISTICS.
- 3.) PROVIDES A COARSE AGGREGATE WHICH PROMOTES AERATION AND DRAINAGE — PERMANENTLY LOOSENS SOIL.
- 4.) DOES NOT ABSORB MOISTURE.
- 5.) ALLOWS WATER AND FLUIDS TO FLOW FREELY INTO AND THROUGH SOIL.
- 6.) HELPS PREVENT CHLOROSIS THROUGH AERATION.
- 7.) COMPATIBLE SUBSTITUTE FOR USE WITH THE CORNELL MIX.
- 8.) EXCELLENT MIX FOR 'NUTRIENT PEAT' — INCREASES THE USABLE LIFE OF PEAT.
- 9.) KEEPS SENSITIVE PLANTS WARMER IN WINTER DUE TO THE INHERENT INSULATION QUALITIES OF EPS.

SPECIFICATIONS:

WEIGHT OF LOOSE FLAKES	0.60 - 3.0 LBS/CU FT
SIZE OF FLAKES	1/8" - 1/2"
COMPRESSION AT 1.4 LBS/SQ IN PRESSURE (EQUAL TO THE PRESSURE OF ABOUT 20" OF SOIL)	TO 60% OF FINAL YIELD
COMPRESSION AT 3 LBS/SQ IN PRESSURE (EQUAL TO PRESSURE OF ABOUT 40" OF SOIL)	TO 50% OF FINAL YIELD
FILTERING VALUE (DARCY METHOD) AT PRESSURE OF 60% OF FINAL YIELD	.01 FT/SEC
AT PRESSURE OF 50% OF FINAL YIELD	.005 FT/SEC

UNLIKE SAND, GRAVEL OR CINDERS, EPS FLAKES HELP TO PREVENT HEAVY SOILS FROM BAKING HARD. BECAUSE OF THEIR FOAM STRUCTURE AND NATURAL RESILIENCE, THEY ALSO HELP TO PREVENT HARD PACKING OF SOIL BY TRACTORS AND FARM IMPLEMENTS.

EPS FLAKES CAN BE MIXED WITH PEAT FOR PROPAGATING COMPOSTS, WITH GARDEN LOAM, OR WITH NUTRIENT-PEAT.

FOR PROPAGATION, A MIXTURE OF FLAKES AND PEAT IS USED, CONTAINING 50% BY VOLUME PEAT ENRICHED WITH LIME AND 1.7 LBS. OF COMPLETE FERTILIZER PER CUBIC YARD.

WARNING

AS WITH ALL ORGANIC MATERIALS, EPS SOIL MIX MUST BE CONSIDERED COMBUSTIBLE WHEN DIRECTLY EXPOSED TO FIRE — DO NOT EXPOSE TO OPEN FLAME OR OTHER SOURCE OF IGNITION.



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