



TECH DATA

PREMIER BRANDS

Division of Premier Enterprises Ltd.

PRO-MIX "PGX"

Pro-Mix "PGX" is a peat-based growing medium formulated for germinating and growing-on of seeds with plug systems. Seedlings produced in plugs are grown under high density conditions which means developing root systems are limited to the confines of the plug cell. This requires a highly specialized medium that can provide optimum physical and chemical properties to promote seedling growth.

COMPONENTS:

Sphagnum Peat Moss (Fine Granulation)
Vermiculite (Fine Granulation)
Macronutrients
Micronutrients
Dolomitic Limestone
Calcitic Limestone
Wetting Agent

CHEMICAL CHARACTERISTICS:

Pro-Mix "PGX" contains a balanced nutrient charge that promotes the development of emerging root systems. It is low in soluble salts and will not burn the emerging root (radicle). The amount of time that these nutrients remain in the medium is dependent on the amount of water applied, frequency of watering and uptake by the developing plants. Additional nutrients should be applied by the grower at the development of the leaves.

pH RANGE:

5.5-6.2 (STANDARD pH FROM BALE)

ELECTRICAL CONDUCTIVITY:

0.9-1.3 mmhos/cm (S.M.E.)

PHYSICAL CHARACTERISTICS:

Pro-Mix "PGX" is a peat-based growing medium that is porous and lightweight. This formulation allows easy penetration of roots and a resistance to compaction. The specially processed Sphagnum Peat Moss used in Pro-Mix "PGX" provides optimum aeration while maintaining proper moisture levels.

AIR POROSITY:

30-35% BY VOLUME

CATION EXCHANGE CAPACITY:

(C.E.C.) 110-130 meq/100 g

WATER HOLDING CAPACITY:

700-820%

BULK DENSITY:

8-10 LBS./CU.FT. (130-160 g/l)

PACKAGE SIZE:

3 CU.FT. LOOSE FILL BAG
3 CU.FT. COMPRESSED BALE - AVG. DECOMPRESSED YIELD 6 CU.FT.

PACKAGE WEIGHT:

25-30 LBS. - LOOSE
55-60 LBS. - COMPRESSED

RECOMMENDED APPLICATIONS:

SEED GERMINATION
PLUG TRAYS
ROOTING CUTTINGS
POTS UNDER 4"

Suitable for hanging baskets and pots when growing conditions dictate use of a fine textured medium.