



AGRO MIX® G5 0.4-0.03-0.07

AGRO MIX® G5 is an all-purpose soil mix with high porosity that provides **superior drainage and gas diffusion** due to its particular peat composition.

Key elements of success :

- A high quality peat moss (blond and fibrous)
- Rigorous selection method

Soil porosity creates spaces allowing oxygen and water (two essential elements to photosynthesis) to quickly reach the roots to facilitate their development.

AGRO MIX® G5 was designed to meet the needs of producers that prefer to use one planting mix for all growing needs. It tends to retain more water than AGRO MIX® G7.

AGRO MIX® G5 works well with conventional watering. The quantity of perlite is adjusted so that irrigation and water retention are similar to other high porosity soil mixes that we find on the market, despite the coarse peat.

AGRO MIX® G5 is the perfect soil mix if you want to produce a crop in long days (spring-summer). However, if you want to produce a crop in short days (fall-winter), it is preferable to use AGRO MIX® G7.

BENEFITS

- Contains perlite
- All-purpose soil mix
- Facilitates **root growth (size and abundance)**

INGREDIENTS:

AGRO MIX® peat, FIBRO MOSS® peat, **perlite**, limestone, balanced nutrient charge with micronutrients, gypsum, wetting agent

APPLICATIONS:

HIGHLY RECOMMENDED:

- Greenhouse
 - Perennials
 - Annuals
 - Potted flowers (Poinsettia, Easter Lily, Gerbera, New Guinea Impatiens, Kalanchoe, Hydrangea)

RECOMMENDED:

- Greenhouse
 - Vegetables
 - Hanging baskets
- Sub-irrigation
- Fall garden mums



01-03-2016

HANDLING INSTRUCTIONS

1. Moisten the substrate before use. The humidity of this soil is approximately 50%. Moisture should always be at optimum levels. Watering is a critical factor in the production as it ensures a better growth. We suggest you bring the moisture to 60-70% for maximum expansion of the fiber.
2. Proceed with planting.
3. Pack slightly the soil to prevent it from settling with the first watering. We suggest you compare the number of pots filled with the potting chart (www.fafard.ca/en/growers/potting-chart/) to determine if compaction is adequate.
4. Water. **AGRO MIX® G5** has superior drainage. Water flow is faster and vertical, compared to other mixes. This characteristic allows you to maintain sufficient oxygen supply and attains better root growth. Our technical department is at your disposal to help you adjust your irrigation optimally depending of your crop management.
5. During production, monitor pH, electrical conductivity, complete chemical analysis, foliage if necessary. Follow the usual recommendations for greenhouse temperature, watering, fertilization and pH levels.

AVAILABLE SIZES:



Loose bags and totes provide increased drainage compared to compressed formats (3.8 cft. and Big Bale).

CHEMICAL PROPERTIES:

Targeted analysis standards
May vary slightly from one production lot to the other

pH	5.8
Electric Conductivity (mmhos/cm)	0.9
N-NO ₃ (ppm)	50
P (ppm)	10
NH ₄ ⁺ (ppm)	<10
K (ppm)	75
Ca (ppm)	100
Mg (ppm)	10
Cl ⁻ (ppm)	<20
B (ppm)	0.05
Cu (ppm)	0.05
Fe (ppm)	1
Mn (ppm)	0.5
MO (ppm)	0.04
Zn (ppm)	0.5
SO ₄ (ppm)	<300
Na (ppm)	<25
Al ³⁺	0.5

PHYSICAL PROPERTIES:

Legend: from 1 to 10 (10 = best)

Drainage: 6
Aeration: 6
Water retention: 7
Gas diffusion: 7

Density: 120-160 g/l

DEFINITIONS:

Drainage
(Saturated hydraulic conductivity - Ksat)
Measure the efficiency of the water flow through a substrate. The higher the conductivity is, the quicker the water reaches the roots.

Aeration
(Air Porosity - AP)
Volume of air that the substrate contains after free drainage of the macropores.

Water retention
(Easy Available Water - EAW)
Volume of water retained by the mesopore (medium size pores). Plants may pick up that water without spending too much energy which is very productive.

Gas Diffusion
Speed of movement of the air. The higher the gas diffusion is, the faster the oxygen will reach the roots.



Contains a minimum of 90% Certified Peat Moss | www.veriflora.com
SCS-VER-000183