VerTexx Nursery Propagation

• An overview of the steps required for the proper handling, planting and propagation of 5” GardenSoxx for use in VerTexx LivingWalls, LivingScreens and Trellis’s by nursery partners.
Components Supplied by VerDant Technologies and its Distributors to Nursery Partners

- VerTexx GardenSoxx (Soxx) on pallets will be delivered to the nursery partner for contract planting and grow-out. Typical grow-out bench term is **8 weeks** for standard pricing model.

- Soxx will be properly filled with Certified Growing Media specified for the type of VerTexx system in end-use.

- VerTexx Soxx will each measure 26 inches in length with a diameter of 5 inches and a circumference of approximately 15 inches.

- The nursery will be provided with the planting plan and schematic drawing of exactly how each Soxx is to be numbered and planted.

- Soxx are “chubbed” in order to scrunch them down to 24 inches in length and increase their circumference toward 16 inches or so.

- Soxx that do not completely fill the trays once scrunched will not be planted and will therefore be removed from the tray and replaced with suitable Soxx.

(2) – 24”L GardenSoxx per Tray

(4) – 12”L GardenSoxx per Tray
Continued

• Soxx are then fit snugly into the VerTexx nursery propagation tray and two Soxx are placed in each tray side-by-side, **prior to planting**. The VerTexx nursery propagation tray can also hold one 24” Soxx and two 12” Soxx or four 12” Soxx.

• Once the tray is filled tightly with Soxx, then “SMALL” holes can be cut in the mesh and plant plugs can be introduced into the Soxx. **Do not cut holes larger than 2”**.

• Soxx are typically planted with **5 live plugs per 24” Soxx** in the tray but depending on species and the availability of smaller plugs there may be a shift towards 6 smaller plugs in the Soxx. **The goal is to plant as far toward the terminal ends of the Soxx as possible and then to evenly space the plants toward the middle.** 5 plants per 24” Soxx work well by planting nearest the ends (1), then the center (2), then the quarter points (3) (ends and middle only for 12”)

• Soxx and plants will remain in the propagation trays for the full time of grow out at the nursery and will ultimately be delivered in boxes that will securely hold the planted Soxx filled trays. This ensures **repeatable proper fit** of the soxx in VerTexx Trays on the wall structure.

• Nursery will care for the planted Soxx in such a way to maximize top growth and root establishment with a goal of delivering Soxx with large healthy top growth capable of covering the structural components of the VerTexx system once placed into the trays on a prepared Wall or Trellis system.
Component Pictures – VerTexx Living Walls

Sample Design

NOTE: When there is an extra sock like a short one footer continue on alphabet ex. 8E is the highlight sock below

L= Liriope
P= Pheorus
K= Kamchaticum

Wire Panels

Before

After
After 6-8 Weeks of Growth, Healthy Plants Go From the Nursery To The Wall
Component Pictures – VerTexx Trellis system

- Open Bottom Trays Attached to Wire
- Soxx in the Trays
- Brace Supports Over Soxx
- Full 4’ x 8’ Wire Panel Assembly
- Ready for Planted Soxx
- One of Many Mounting Options
- VerTexx Trellis on Indoor Wall
After 6-8 Weeks of Growth, Healthy Plants go from the Nursery to the VerTexx Trellis base

- Plants are then trained and woven up the screen to the height specified by the client on Trellis’s, or grown out full to the top in the nursery to create the VerTexx LivingScreen