As the smallest greenhouse on site, the propagation greenhouse sets itself apart from the others thanks to its automatic mist system. This overhead system is ideal for starting plants from seed, establishing rooted cuttings, and growing grafted specimens. There are six misting zones, which include two benches per zone. Each zone can be individually programmed with a start and end time each day, length of time for the mist to run, and interval length between misting.

In addition to propagation, this greenhouse is the winter home for many stock plants, unusual varieties, and tender specimens pulled from the gardens downtown. Here the plants are nurtured and rejuvenated and these plants can be used as sources for seeds and cuttings for spring and summer crops. There is also space for trial plants, small batches of unusual or rare varieties, dish gardens, and trained forms such as topiaries and espaliers.