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Vertical Gardening

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Vertical Gardening, different from traditional gardening, is the growing of plants by expanding planting area vertically into space. The system can be a tower of stacked containers or a multi-level of growing troughs, as shown in Figures 1-3.



Fig.1. Growing lettuce vertically



Fig. 2. Growing radicchio in a vertical system in greenhouse at Southern University Agricultural Research and Extension Center



Fig. 3. Growing garden vegetables and herbs (a) and strawberry (b) in vertical systems in greenhouse at Southern University Agricultural Research and Extension Center

Why Go for Vertical Gardening?

There are many reasons for practicing vertical gardening including both ecological and economical benefits.

- For plant lovers and gardeners, it is fun to practice vertical gardening within limited spaces.
- For educators, vertical gardening provides a creative and exciting hands-on opportunity to teach science, mathematics and economics.
- For health-conscious consumers, vertical gardening, an organic growing system, provides fresher and cleaner vegetables and fruits with little or minimum usage of chemicals.
- For business-minded persons who lack for farm land, vertical gardening serves as a production system which may create a niche market for specialty vegetables, herbs and fruits.

For more information on how to practice vertical gardening, please contact:

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