## H1597

## THE FACTS OF

Square Foot Gardening


Reviewed by

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Square foot gardening is a method of intensive gardening. The term "square foot gardening" (SFG) was coined by an American author, Mel Bartholomew, who wrote a book under that title. This gardening practice is ideal for residential areas. SFG is gaining in popularity because it makes gardening easier and results in high productivity compared with the space used.

Quite simply, SFG allows vegetables and flowers to be planted very close together in raised beds that can be framed with natural, nonrotting wood such as cedar. The beds can be anywhere from 2 feet by 4 feet to 4 feet by 12 feet, with the most common configuration being 4 feet by 4 feet.

In most cases, the soil is "designed" by the gardener to have optimal drainage. The soil usually consists of a combination of sandy loam and generous amounts of sphagnum peat moss or well-matured compost.

For uniformity in texture and particle size distribution, we have found that a portable concrete mixer that can plug into a simple household electrical outlet is the best way to mix the designed soil. Basically, the sandy loam is mixed in a ratio of about four parts of sandy loam with one part of sphagnum peat moss or compost. An alternative to mixing your own soil would be to select from one of the high-quality bagged soil products on the market.

- You rotate crops by square instead of location.
$\square$ The squares are more aesthetic and require far less work.
- You don't need to till each spring.
- You can build trellises at the north ends of the squares to grow vining plants such as peas, beans and squash vertically, which saves even more space
- This type of garden warms faster and drains better than traditional gardens.

Photo by Todd Weinmann, NDSU


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The soil in square foot gardens should be a minimum of 6 inches deep, but 12 inches is better to accommodate root crops such as carrots, potatoes and parsnips.

To construct a square foot garden that is slightly above grade, obtain nonrotting wood (cedar or pressuretreated wood free of arsenic) that measures 4 feet by 12 inches by 2 inches and form a square. Then add the soil and add the divisions. The first SFG - 16 square feet - is ready to be planted.


Another advantage of SFG is that the raised beds spare the gardeners' back. SFG can allow seniors to enjoy freshly harvested vegetables much longer than they can with the more physically demanding method of conventional gardening. It also will inspire young people just getting started in gardening who have limited space and time to enjoy the good health that comes from consuming fresh produce grown in their own back yard.


> To learn more about square foot gardening, visit www.squarefootgardening.com/.

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