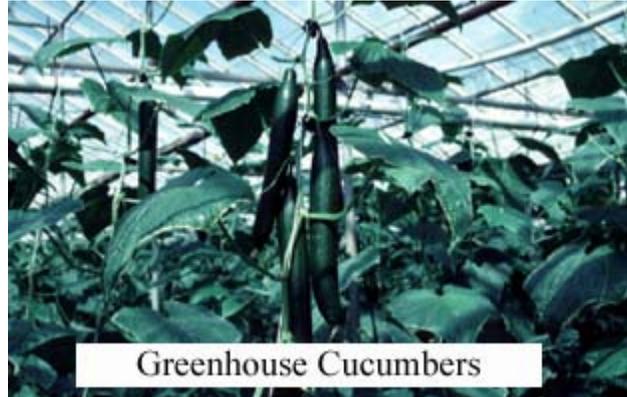


CUCUMBER

Cucumbers are warm-season crops that traditionally have required a lot of garden space. With a trellis and newer compact varieties, cucumbers may be grown in small spaces and even in containers.



Varieties

Slicing cucumbers are long and slender, with a dark green skin. Improved new hybrid varieties include Dasher, Sprint, Raider, Burpee Hy, and Marketmore.

Sweet Slice is a long mild-flavored variety as is Sweet Success.

Pickling varieties are short and blocky in shape, with a firm flesh that makes a crisp pickle. Spartan Dawn, Liberty, Pioneer and SMR-8 are suggested varieties. Burpless--soft mild-flavored types--include Burpless Hy as well as Sweet Slice mentioned above. Dwarf types include Patio Pik, Bush Pickle, and Spacemaster. Another novelty variety, Lemon, produces round yellow fruit resembling a lemon.

When to plant

Cucumbers require warm conditions with no danger of frost for best results. Soil temperatures should be approaching 60° F, which occurs in early May in most of Kansas. Using black plastic mulch to warm soil is a way of producing cucumbers earlier.

Spacing

Cucumbers are usually spaced 2 feet apart in rows 5-6 feet apart. However, new dwarf types may be grown in 3-foot rows with plants 2 feet apart. Cucumbers may be transplanted by starting seeds in large containers and moving them carefully to the garden area.

Care

Cucumbers are fairly shallow rooted and require caution at initial cultivation. One application of fertilizer along the row when the vines are 6-12 inches long will improve production into the bearing season. Cucumbers can be grown on a fence or cage, but you may have to help the vines get started up the trellis. Avoid areas where strong winds may damage vines, because cucumbers on a trellis are much more subject to injury than are tomatoes.

Irrigation is needed in dry periods to encourage heavy yields. When vines are vigorously growing and starting to set fruit they have the greatest requirement for water. Reduce watering as the plants begin production.

Like other members of the vine crop family--muskmelon, watermelon, pumpkin, squash and gourds--cucumbers have separate male and female flowers on the same plant. Male flowers predominate and usually appear before female flowers start to develop. Many newer cucumber varieties are of the gynecious type or have a larger number of female flowers for higher yields. Bees are required to transfer pollen from male to female flowers for the fruit to develop.

Harvesting

Select firm dark-colored cucumbers developed before the seeds have a hard seed coat and while the skin is tender. Small cucumbers may be harvested for pickles at any stage. Removing large overgrown fruits will keep vines productive longer.

Common concerns

Cucumber beetles (transmit bacterial wilt)
Powdery mildew

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