

Did you know?

Asparagus is a perennial crop that produces spears year after year for 10 to 15 years or longer!

Overview

- The asparagus plant consists of three key parts: ferns (top), crown (buds), and roots, all essential for productivity.
- The ferns act as the “factory”, using photosynthesis to produce food that is stored in the crown and roots underground.
- The number of spears in spring depends on how much food was produced and stored in the crown during the previous summer and fall.
- Growing a healthy crop of ferns is crucial to ensure a strong spear harvest the following spring.

Production

Asparagus is planted in spring using one-year-old crowns from garden suppliers.

Full sun is ideal. Asparagus needs at least 8 hours of sun per day.

The crown and root system can grow to an enormous size: 5 to 6 feet in diameter and 10 to 15 feet deep.

Asparagus

Kingdom: Plantae

Order: Asparagales

Family: Asparagaceae

Genus: Asparagus

Nutritional Information

1 cup (100g)

Calories 20	Fat .12 g
Protein 2.2 g	Saturated 0 g
Carbs 3.9 g	Potassium 202 mg
Sugar 1.9 g	Sodium 2 mg
Fiber 2.1 g	

Source:
<https://extension.missouri.edu/publications/g6405>

Asparagus Anatomy

