

Green Pea Variety 435

Key Attributes:

- Early-season pea
- Competitive yield

Yield:

- Competitive yield and attractive sieve size averaging 3.8 in the Midwest over the years

Maturity:

- 10.4 nodes to first bloom
- 11.8 total nodes
- 1307 heat units to harvest

Plant Traits:

- Determinant plant type
- Canopy height of 11"
- Total vine length of 11.3"
- Afilea leaf type
- Typically, 2.2 pods per node, about 2.7" long, longer than other early varieties

Berries

- Average sieve size of 3.8
- Medium green color
- Number of berries/pod: 5.1



Description:

Early maturing determinant variety, characterized by longer pods compared to other Seneca Foods early varieties.

Resistance:

- Moderately resistant to *Aphanomyces* and *Fusarium* root rot, susceptible to *Pythium* seed rot.
- Tolerant to powdery mildew.

Green Pea Variety 435

Technical Data

Features and Advantages

- Early-season pea variety
- Competitive yield
- Moderately resistant to root rot



Plant Characteristics:

Canopy Height: 11"

Vine Type: Determinant

Pods per node: 2.2

Vine Length: 11.3"

Foliage color: Green

Pod Length: 2.7 in

Leaf Type: Afile

Pod color: Green

Berries per pod: 5.1

Plant Description:

435 is an early-season shell pea variety with good yield under good crop conditions. 435 possesses some resistance to root rot but it is susceptible to seed rot, which causes losses in plant stand. 435 berries are medium green in color with an average sieve size of 3.8 while maintaining high quality for freezing and canning.

Disease Responses: Moderately resistant to Aphanomyces and Fusarium root rot, susceptible to Pythium seed rot. Susceptible to Pea Seedborne Virus and Pea Enation Mosaic Virus

Maturity:

Emergence: Normal

HU to Maturity: 1307

HU to 1st Bloom: 760

Harvestability: Good

HU to 80% Bloom: 825

Sieve Size at Maturity: 3.8

Dry Seed Characteristics:

Seed Shape: Irregular **Seed Surface:** Wrinkled

Color Pattern: Mottled **Primary Color:** Medium green

No. Seeds/lb: 2360

Seed Luster: Dull

Secondary Color: Cream