



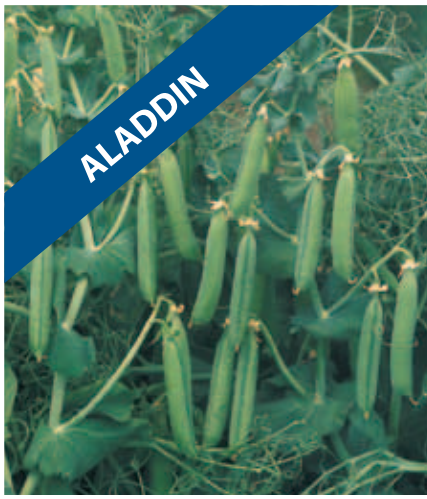
# Pea Variety Guide



## Gallatin Valley Seed

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**Agronomic Features**

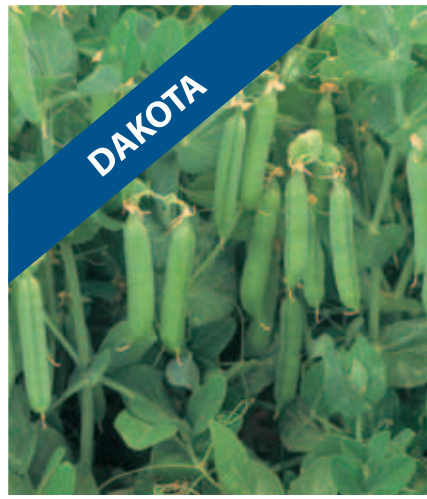
Sturdy afile type plant; High yield potential; Strong disease resistance

**Processor Features**

Uniform, dark green peas

**Management Suggestions**

Well suited to both dryland and irrigated production



**Agronomic Features**

Strong performing early maturity variety; Standard leaf type plant

**Processor Features**

Good color uniformity, berry size, and quality

**Management Suggestions**

Performs especially well in early planting slots; Good performance under disease pressure



**Agronomic Features**

Standard leaf type variety; Early maturity

**Processor Features**

Consistent yield; Excellent quality

**Management Suggestions**

Well adapted to the East coast and Canada



**Agronomic Features**

An early, standard leaf pea with good heat tolerance and consistent yield.

**Processor Features**

Has performed well across heavy and light soil types.

**Management Suggestions**

Early planting slot



**Agronomic Features**

Sturdy, erect afile type plant; Strong disease package; Plant structure allows for easy harvest

**Processor Features**

Uniform dark green berry color; Excellent yield; Fits both canner and freezer market; Attractive, medium sieve size

**Management Suggestions**

Adaptable main season variety



**Agronomic Features**

Afile type plant enhances pod color uniformity and reduces trash in thrashing process; Double pods with high berry count; Strong disease package

**Processor Features**

Suitable for freezing or canning; Dependable performance; Excellent quality and uniformity

**Management Suggestions**

Widely adapted main season variety



**FP2070**

**Agronomic Features**

Late maturity afile type; Multiple disease resistances

**Processor Features**

Consistent performance in presence of fusarium wilt; Superior yield within class

**Management Suggestions**

Good performance in late dryland areas; Strong performance under disease pressure



**FP2269**

**Agronomic Features**

A high yielding, uniform pea with early maturity

**Processor Features**

Will finish quickly, so timely harvest is recommended

**Management Suggestions**

Demonstrates strong emergence in cool soils



**FP2278**

**Agronomic Features**

Desirable plant structure; Afile type vine for easy harvest; Strong disease package including root rot

**Processor Features**

Stable, high yield; Fits both canner and freezer market; Attractive, medium sieve size

**Management Suggestions**

Manage similar to Gallant; Tolerates Basagran herbicide well



**GRUNDY**

**Agronomic Features**

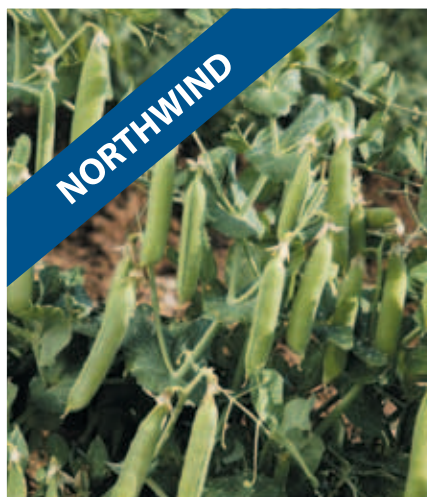
Standard leaf variety; Superior disease package; Industry leading tolerance to root rot

**Processor Features**

Exceptional yield; Good color and flavor; Medium size berry

**Management Suggestions**

Broad adaptation; Place where root rot disease is a concern



**NORTHWIND**

**Agronomic Features**

Double pod capability; Durable, standard leaf pea; Good disease package

**Processor Features**

Excellent yield; Good berry color and flavor; Attractive medium size berries

**Management Suggestions**

Early planting slot; Widely adapted



**RICCO**

**Agronomic Features**

Dark green afile type; Excellent disease package including good root rot tolerance

**Processor Features**

Superior yield; Medium size berry; Uniform berry color

**Management Suggestions**

Main season variety; Widely adapted

# TRIAL DATA

| PLANT CHARACTERISTICS |       |                          |                                     |                                    |                       |            |                                 |                    |                         |                 | DISEASE RESISTANCES |                 |                             |                                 |                     |
|-----------------------|-------|--------------------------|-------------------------------------|------------------------------------|-----------------------|------------|---------------------------------|--------------------|-------------------------|-----------------|---------------------|-----------------|-----------------------------|---------------------------------|---------------------|
| Variety               | Type  | Approx. Days To Maturity | Average Heat Units to Maturity (°F) | Average Node Number at First Bloom | Plant Height (inches) | Plant Type | Average Number of Pods Per Node | Average Sieve Size | Average Berries Per Pod | Seeds Per Pound | Pod Shape           | Fusarium (Fop)  | Bean Leaf Roll Virus (BLRV) | Pea Enation Mosaic Virus (PEMV) | Powdery Mildew (Ep) |
| Aladdin               | Mid   | 67                       | 1485                                | 14                                 | 25                    | Afila      | 2                               | 3.85               | 8-9                     | 2300            | Blunt               | HR (1)          | HR                          | IR                              | IR (1)              |
| Dakota                | Early | 57                       | 1199                                | 10                                 | 22                    | Normal     | 2                               | 3.5                | 7-8                     | 2500            | Blunt               | HR (1)          | HR                          |                                 | HR (1)              |
| Early Freezer 680     | Early | 58                       | 1233                                | 10                                 | 22                    | Normal     | 2                               | 4                  | 7-8                     | 2100            | Blunt               | HR (1)          |                             |                                 |                     |
| FP2070                | Late  | 72                       | 1642                                | 17                                 | 28                    | Afila      | 2                               | 4                  | 8-10                    | 2100            | Blunt               | HR (1, 2, 5, 6) |                             |                                 | HR (1)              |
| FP2269                | Early | 57                       | 1190                                | 10                                 | 24                    | Afila      | 2                               | 3.9                | 7-8                     | 2300            | Blunt               | HR (1)          |                             |                                 | HR (1)              |
| FP2278                | Mid   | 66                       | 1452                                | 15                                 | 26                    | Afila      | 2                               | 3.6                | 7-9                     | 2300            | Blunt               | HR (1, 2)       |                             |                                 | HR (1)              |
| FP2292                | Early | 55                       | 1155                                | 9                                  | 23                    | Normal     | 2                               | 3.7                | 7-8                     | 2400            | Blunt               | HR (1)          |                             |                                 | HR (1)              |
| Gallant               | Mid   | 69                       | 1566                                | 16                                 | 26                    | Afila      | 2                               | 3.5                | 8-9                     | 2550            | Blunt               | HR (1, 2)       |                             |                                 | HR (1)              |
| Genie                 | Mid   | 70                       | 1580                                | 16                                 | 27                    | Afila      | 2                               | 3.9                | 8-9                     | 2100            | Blunt               | HR (1); IR (2)  |                             |                                 | HR (1)              |
| Grundy                | Mid   | 70                       | 1595                                | 16                                 | 28                    | Normal     | 2                               | 3.8                | 8-9                     | 2200            | Pointed             | HR (1, 2)       |                             |                                 | HR (1)              |
| Northwind             | Early | 57                       | 1188                                | 9                                  | 24                    | Normal     | 2                               | 3.65               | 6-8                     | 2400            | Blunt               | HR (1); IR (2)  |                             | IR                              | IR (1)              |
| Ricco                 | Mid   | 68                       | 1530                                | 16                                 | 26                    | Afila      | 2                               | 3.7                | 8-9                     | 2375            | Pointed             | HR (1); IR (2)  | HR                          |                                 | HR (1)              |

## KEY TO RESISTANCE ABBREVIATIONS FOR PEA

|             |  |
|-------------|--|
| <b>Fop</b>  | Fusarium wilt caused by the specified races of <i>Fusarium oxysporum</i> f.sp. <i>pisi</i>   |
| <b>PEMV</b> | Pea enation mosaic caused by <i>Pea enation mosaic virus</i>   |
| <b>BLRV</b> | Leaf roll caused by <i>Bean leaf roll virus</i>  |
| <b>Ep</b>   | Powdery mildew caused by <i>Erysiphe pisi</i>  |
| <b>HR</b>   | <b>High Resistance:</b> describes plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. Highly resistant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.   |
| <b>IR</b>   | <b>Intermediate Resistance:</b> describes plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to highly resistant varieties. Intermediately resistant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest or pathogen pressure. |

In cases where specific races or strains are not noted the variety is resistant to some, but not necessarily all known races or strains of the pathogen.

**Note:** All variety information presented herein is based on field and laboratory observation. Actual crop yield, quality and level of claimed pest and pathogen resistances, are dependent upon many factors beyond our control and NO WARRANTY is made for crop yield, quality and level of claimed pest and pathogen resistances. Since environmental conditions and local practices may affect variety characteristics and performance we disclaim any legal responsibility for these. Read all tags and labels. They contain important conditions of sale, including limitations of warranties and remedies.