Pea Variety Guide

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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)
AUSTIN (2311)	Second Early	60	1250	12	22	Afila	2	3.2	7-8	2550	Blunt	HR (1,2)			HR (1)
BRISTOL (2291)	Mid Season	65	1450	13-14	26	Afila	2	3.4	7-9	2600	Pointed	HR (1,2)		IR	HR (1)
DAKOTA	First Early	57	1190	9-10	22	Normal	2	3.5	7-8	2500	Blunt	HR (1)	HR		HR (1)
EARLY FREEZER 680	First Early	58	1233	9-10	22	Normal	2	4	7-8	2100	Blunt	HR (1)			
FP2070	Late Season	72	1642	17	28	Afila	2	4	8-10	2100	Blunt	HR (1,2,5,6)			HR (1)
FP2269	First Early	57	1190	9-10	24	Afila	2	3.9	7-8	2300	Blunt	HR (1)			HR (1)
FP2278	Mid Season	69	1500	15	26	Afila	2	3.6	7-9	2300	Blunt	HR (1,2)			HR (1)
GALLANT	Mid Season	69	1566	14-15	25	Afila	2	3.5	8-9	2550	Blunt	HR (1,2)			HR (1)
GENIE	Mid Season	70	1580	16-17	27	Afila	2	3.9	8-9	2100	Blunt	HR (1); IR (2)			HR (1)
GRUNDY	Mid Season	70	1595	16-17	28	Normal	2	3.8	8-9	2200	Pointed	HR (1,2)		IR	HR (1)
RICCO	Mid Season	69	1530	15-16	26	Afila	2	3.7	8-9	2375	Pointed	HR (1); IR (2)	HR		HR (1)
UNO (2292)	First Early	55	1155	9-10	23	Normal	2	3.7	7-8	2400	Blunt	HR (1)			HR (1)

Average of test. Will vary by environment.

KEY TO RESISTANCE ABBREVIATIONS FOR PEA

Fop	Fusarium wilt caused by the specified races of *Fusarium oxysporum* f.sp. *pisi*
PEMV	Pea enation mosaic caused by *Pea eantion mosaic virus*
BLRV	Leaf roll caused by *Bean leaf roll virus*
Ep	Powdery mildew caused by *Erysiphe pisi*
HR	**High Resistance:** 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.
IR	**Intermediate Resistance:** 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.

Agronomic Features
Second-early afila type, with strong disease package

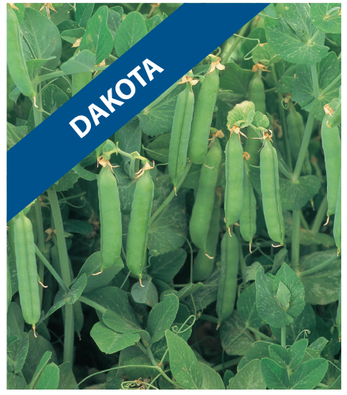
Processor Features
Stable, high yield; Fits both canner and freezer market; Attractive, small sieve size

Management Suggestions
Works well on irrigated soils

Agronomic Features
Mid-season afila type

Processor Features
Excellent yield with slightly smaller sieve size, with good resistance to root rot complex

Management Suggestions
Tolerates Basagran Herbicide well



Agronomic Features
Strong performing early maturity variety; Standard leaf type plant

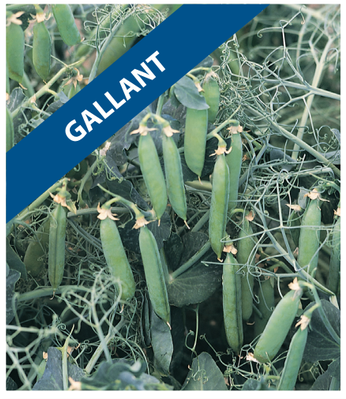
Processor Features
Good color uniformity, berry size, and quality

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

Agronomic Features
Desirable plant structure; Afila 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



Agronomic Features
Sturdy, erect afila 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
Afila type plant enhances pod color uniformity and reduces trash in thrashing process; Double pods with high berry count; Strong disease package

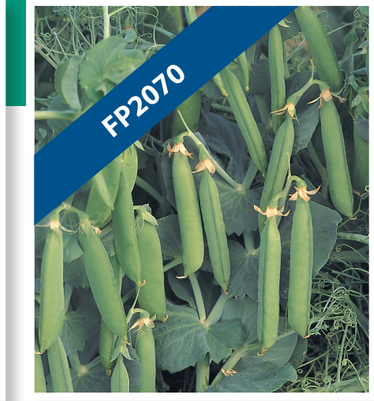
Processor Features
Suitable for freezing or canning; Dependable performance; Excellent quality and uniformity

Management Suggestions
Widely adapted main season variety

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
Late maturity afila 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

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

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

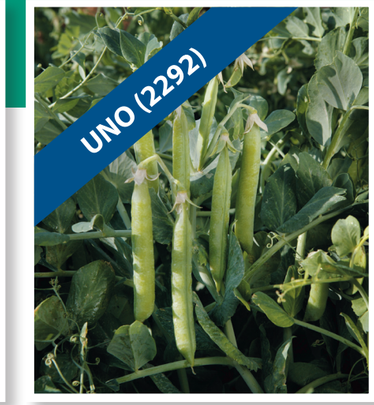
Processor Features
Exceptional yield; Good color and flavor; Medium size berry

Management Suggestions
Broad adaptation; Place where root rot disease is a concern

Agronomic Features
Dark green afila 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



Agronomic Features
An early, standard leaf pea with good heat tolerance and consistant yield.

Processor Features
Has performed well across heavy and light soil types.

Management Suggestions
Early planting slot