



Gallatin Valley Seed, Pea Profiles

TRIAL DATA

PEA		PLANT CHARACTERISTICS										DISEASE RESISTANCE			
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 (PM)
ALADDIN	Mid Season	67	1485	13-14	25	Afila	2	3.85	8-9	2300	Blunt	HR (1)	HR	IR	IR (1)
AUSTIN (2311)	Second Early	60	1250	12	22	Afila	2	3.2	7-8	2550	Blunt	HR (1,2)			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)			
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)
437	Second Early	59	1240	11	18	Normal	2	3.8	7-8	2850	Blunt				
522	Mid Season	69	1560	14-15	25	Afila	3	4	7-8	2200	Blunt				HR(1)
390	Late Season	70	1655	15	24	Afila	3	2.2	9	4000	Blunt				HR(1)
389	Mid Season	65	1465	13-14	25	Afila	3	2.2	9-10	3800	Blunt				
382	Late Season	70	1655	15-16	25	Afila	3	2	9-10	4000	Blunt				HR(1)
435 New	First Early	57	1200	10	22	Afila	2	3.5	8-9	2200	Blunt				HR(1)
490 New	Second Early	61	1380	12	24	Normal	2	3.8	8-9	2100	Blunt				HR(1)
555 New	Mid Season	72	1650	15-16	25	Afila	2	3.2	8-9	3300	Pointed				HR(1)
518 New	Mid Season	66	1350	12-13	25	Afila	2	3.8	9	2400	Pointed			IR	HR(1)
513	Mid Season	69	1550	15	25	Normal	3	4	8-9	2300	Blunt				

*Average of test. Will vary by environment

KEY TO RESISTANCE ABBREVIATIONS FOR PEA

Fop Fusarium wilt caused by the specific races of *Fusarium oxysporum f.sp. Pisi*

PEMV Pea enation mosaic caused by *Pea enation mosaic virus*

BLRV Leaf roll caused by *Bean leaf roll virus*

PM 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 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.