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Gallatin Valley Seed, Pea Profiles

TRIAL DATA

PEA	PLANT CHARACTERISTICS										DISEASE RESISTANCE				
Variety	Type	Approx. Days to Maturity	Average Heat Units to Maturity	Average Node Number at First	Plant Height (inches)	Plant Type	Average Number of Pods Per	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)
DAKOTA	First Early	57	1190	9-10	22	Normal	2	3.5	7-8	2500	Blunt	HR (1)	HR		HR (1)
FP2269	First Early	57	1190	9-10	24	Afila	2	3.9	7-8	2300	Blunt	HR (1)			HR (1)
E.F. 680	First Early	58	1220	9-10	22	Normal	2	4	7-8	2100	Blunt	HR (1)			
435	First Early	59	1240	10	22	Afila	2	3.5	8-9	2200	Blunt	HR			HR(1)
AUSTIN	First Early	59	1240	12	22	Afila	2	3.2	7-8	2550	Blunt	HR (1,2)			HR (1)
ALADDIN	Mid Season	67	1485	13-14	25	Afila	2	3.85	8-9	2300	Blunt	HR (1)	HR	IR	IR (1)
518	Mid Season	67	1485	11	25	Afila	2	3.8	9	2400	Pointed	HR		IR	HR(1)
8288 New (Trial Only)	Mid Season	68	1515	14-15	22	Afila	3	3.8	6-7	2300	Blunt	HR(1)			HR(1)
FP2278	Mid Season	69	1540	15	26	Afila	2	3.6	7-9	2300	Blunt	HR (1,2)			HR (1)
GALLANT	Mid Season	69	1525	14-15	25	Afila	2	3.5	8-9	2550	Blunt	HR (1,2)			HR (1)
RICCO	Mid Season	69	1530	15-16	26	Afila	2	3.7	8-9	2375	Pointed	HR (1); IR	HR		HR (1)
522	Mid Season	70	1550	14-15	25	Afila	3	4	7-8	2200	Blunt	HR			HR(1)
GENIE	Mid Season	70	1550	16-17	27	Afila	2	3.9	8-9	2100	Blunt	HR (1); IR			HR (1)
GRUNDY	Mid Season	70	1550	16-17	28	Normal	2	3.8	8-9	2200	Pointed	HR (1,2)		IR	HR (1)
389	Mid Season	69	1530	13-14	25	Afila	3	2.8	9-10	3800	Blunt				
382	Mid Season	70	1560	15-16	25	Afila	3	2	9-10	4000	Blunt			IR	HR(1)
322	Late Season	72	1655	16	26	Afila	3	2.5	8	4000	Blunt				HR(1)

*Average of test. Will vary by environment

KEY TO RESISTANCE ABBREVIATIONS FOR PEA

Fop	Fusarium wilt caused by the specific races of <i>Fusarium oxysporum f.sp. Pisi</i>
PEMV	Pea enation mosaic caused by <i>Pea eantion mosaic virus</i>
BLRV	Leaf roll caused by <i>Bean leaf roll virus</i>
PM	Powdery mildew caused by <i>Erysiphe pisi</i>
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.