

Hot Pepper

Lines developed at AVRDC – The World Vegetable Center

AVPP0411(PP0437-7510)



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Pedigree: WhiteKingCayene/Jin'sJoy.

With long, flavorful fruit and good yields in the spring, this line rated very high in subjective scoring, though less well in yield potential. Resistant to PVY, the line also shows partial resistance to CVMV and bacterial wilt. Sweet, crispy fruit with low to moderate pungency is good for cooking.

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TAIWAN

Descriptor	
Maturity	Early
Plant size	Medium
Plant stature	Medium
Days to flower	69.7
Fruit type	Chili
Fruit shape	Elongated
Fruit shape at blossom end	Pointed
Fruit length (cm)	15.0
Fruit width (cm)	1.5
Fruit fresh weight (g)	13.9
Fruit position	Intermediate
Fruit pungency	Medium
Immature fruit color	Green
Fruit color intensity at immaturity	Medium
Mature fruit color	Red
Fruit color intensity at maturity	Medium
Plant habit	Compact
Disease resistance *	
Cucumber Mosaic Virus (CMV)	S
Chili Veinal Mottle Virus (CVMV)	MS
Potato Virus Y (PVY)	R
Tomato Mosaic Virus (ToMV)	S
Bacterial spot (<i>Xanthomonas</i>)	-
Bacterial wilt (<i>Ralstonia</i>)	MS
Phytophthora blight	S
Anthracnose (<i>Colletotrichum</i>)	S

* Laboratory evaluations conducted at AVRDC Taiwan, where R = resistant (80-100% symptom free), MR = moderately resistant (50-79% symptom free), MS = moderately susceptible (10-49% symptom free) and S = susceptible (<10% symptom free). Performance at other sites may vary.