

Hot Pepper

Lines developed at AVRDC – The World Vegetable Center

AVPP0514(PP0537-7559)



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Pedigree: Jin's Joy//Kulai*3/PBC932.

Tested as ICPN18-10, this line is a product of our anthracnose resistance breeding program. With moderate pungency and relatively high yield potential, the line carries resistance to four diseases (Cucumber Mosaic Virus, Potato Virus Y, Bacterial wilt, and Anthracnose). It has strong red color when mature, and good flavor. It has shown good combining ability in hybrid test crosses.

AVRDC – The World Vegetable Center
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TAIWAN

Descriptor	
Maturity	Early
Plant size	Medium
Plant stature	Medium
Days to flower	78.5
Fruit type	Chili
Fruit shape	Elongated
Fruit shape at blossom end	Pointed
Fruit length (cm)	10.65
Fruit width (cm)	1.85
Fruit fresh weight (g)	13
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)	MS
Chili Veinal Mottle Virus (CVMV)	S
Potato Virus Y (PVY)	R
Tomato Mosaic Virus (ToMV)	S
Bacterial spot (<i>Xanthomonas</i>)	-
Bacterial wilt (<i>Ralstonia</i>)	R
Phytophthora blight	MS
Anthracnose (<i>Colletotrichum</i>)	FR

* 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.