

Hot Pepper

Lines developed at AVRDC – The World Vegetable Center

AVPP9905(PP9955-15)



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Alternative Name: 'Susan's Joy'

Origin: An unusual off-type plant was found in an AVRDC pepper program trial field in 1996, and released in 1999. The line produces concentrated early sets of large fruit, which also mature early.

Young fruit often have low pungency, and can be used as vegetable chili. However, mature fruit can become quite hot, depending on the growing environment. This line has been used as a long-term check in our International Chili Pepper Nursery (ICPN).

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Descriptor	
Maturity	Early
Plant size	Medium
Plant stature	Medium
Days to flower	62
Fruit type	Chili
Fruit shape	Elongated
Fruit shape at blossom end	Pointed
Fruit length (cm)	15.3
Fruit width (cm)	2.3
Fruit fresh weight (g)	26.5
Fruit position	Intermediate
Fruit pungency	Medium
Immature fruit color	Yellow
Fruit color intensity at immaturity	Light
Mature fruit color	Orange-red
Fruit color intensity at maturity	Light
Plant habit	Compact
Disease resistance *	
Cucumber Mosaic Virus (CMV)	S
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>)	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.