

No-Spray Roses for the Southeastern United States

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Nature of Work

A no-spray rose trial has been conducted at the West Tennessee Research and Education Center (WTREC) in Jackson, TN since 2006. In 2007, sites were added at the Plateau Research and Education Center (PREC) in Crossville, TN and the Thad Cochran Horticultural Research Laboratory (TCHRL) in Poplarville, MS. A total of 136 cultivars were evaluated in at least two of the three test locations. Roses with superior resistance (less than 2% foliage infected) to black spot and cercospora leaf spot (Table I) were considered no-spray roses (do not require fungicides for clean foliage). Roses rated moderately resistant (less than 10% foliage infected) may need limited spraying to maintain clean foliage.



Black spot



Cercospora Leaf Spot



The cultivar 'Fiesta' a moderately resistant rose



West Tennessee Research and Education Center - Jackson, TN



Plateau Research and Education Center - Crossville, TN



Thad Cochran Horticultural Research Laboratory - Poplarville, MS

Table I. Roses that are resistant or moderately resistant to black spot and cercospora leaf spot			
Rose Cultivar ¹	Resistance ²	Fragrance ³	Type
Carefree Sunshine	MR	↳	Shrub
Fiesta	MR		Shrub
Golden Eye	R		Shrub
Hansa	R	↳ ↳	Shrub
Homerun	MR		Shrub
Knock Out Rose	R		Shrub
My Girl	R	↳	Shrub
My Hero	MR		Shrub
Palmengarten Frankfurt	MR	↳	Shrub
Pink Knock Out	R		Shrub
Super Hero	MR		Shrub
White Dawn Cl.	R		Climber
Wild Spice	MR	↳ ↳	Shrub
Wild Thing	MR		Shrub
Wildberry Breeze	R	↳ ↳	Shrub

¹Roses were not screened for diseases, such as downy mildew or rose rosette, and pests, such as aphids and mites, and no claims for these or other problems are implied.

²Resistance rating is "R" for resistant (no-spray) and "MR" for moderately resistant

³Fragrance rating is based on the noses of the observers and adheres to the following scale: no noses = not fragrant, 1 nose = slightly fragrant, and



Wild Thing



Super Hero



Knock Out Rose



Wild Spice



Hansa



Palmengarten Frankfurt



Belinda's Dream



Bonica



Golden Eye



My Girl



My Hero



Pink Knock Out



Homerun



Carefree Sunshine



Carefree Delight



Crystal Fairy

Table 2. Tolerant Roses

Tolerant roses are susceptible to black spot and/or cercospora leaf spot, but may defoliate, while blooming well all summer. All the roses displayed in this panel are Tolerant

Rose Cultivar	Type	Fragrance
About Face	Grandiflora	
Belinda's Dream	Shrub	↳
Bonica	Shrub	
Carefree Delight	Shrub	
Crystal Fairy	Shrub	
Fairy Queen	Shrub	
Lovely Fairy	Shrub	
Snowcone	Shrub	



Lovely Fairy



Snowcone

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'About Face' is a tolerant rose

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