

# Heat Tolerant Vegetative Geraniums for the Southern U.S.

High temperatures (>90 °F day, 70 °F night) can be a significant problem during geranium production causing young leaves to turn yellow or bleached and reducing plant growth. Also known as heat stress induced iron deficiency, symptoms are worse in hot, humid climates where night temperatures stay very warm.

For summer and fall geranium finishing, it is important to choose varieties with the most heat tolerance. Listed here are our top heat tolerant geraniums for the southern United States. Our recommendations are backed by data from in-house and grower trialing to ensure you have the best varieties for hot climates.

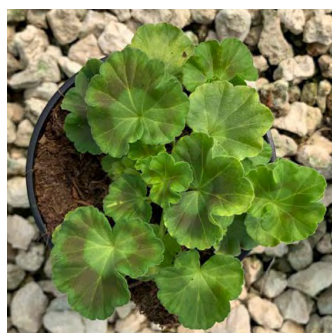
## Examples of different levels of heat stress on geraniums grown under high temperature.



**Excellent:**  
No visible leaf chlorosis;  
good vigor and growth



**Good:**  
Minor leaf chlorosis;  
still good growth



**Moderate:**  
Significant leaf chlorosis;  
reduction in growth



**Poor:**  
Extreme leaf chlorosis;  
very poor growth

### Calliope®, Moxie!™, and Pretty Little™ Series

Series	Variety #	Variety Name	Rating
Calliope® Medium	70087141	Calliope® Medium Bright Rose	Good
	70048339	Calliope® Medium Crimson Flame	Good
	70074774	Calliope® Medium Dark Pink Dark Leaf	Excellent
	70086843	Calliope® Medium Dark Red Dark Leaf	Excellent
	70059896	Calliope® Medium Deep Rose	Good
	70020318	Calliope® Medium Hot Pink	Good
	70054721	Calliope® Medium Pink Flame	Excellent
	70087147	Calliope® Medium Rose Mega Splash	Excellent
	70066648	Calliope® Medium Violet	Good
	70059858	Calliope® Medium White	Good
70103814	Calliope® Medium White Splash	Good	
Calliope® Large	70020360	Calliope® Large Burgundy	Excellent
	70070046	Calliope® Large Hot Pink	Good
	70069761	Calliope® Large Lavender	Excellent
	70059873	Calliope® Large Lavender Mega Splash	Good
	70074574	Calliope® Large Orange Splash	Good
	70054691	Calliope® Large Red	Good
	70070020	Calliope® Large Rose Mega Splash	Good
	70054695	Calliope® Large Salmon	Good
	70074607	Calliope® Large Scarlet Fire	Excellent
70087138	Calliope® Large White	Good	
Calliope® Cascade	70095371	Calliope® Cascade Violet	Good
Moxie!™	70074767	Moxie!™ Hot Pink	Excellent
	70080228	Moxie!™ Orange	Excellent
	70087139	Moxie!™ Pink Splash	Good
	70080213	Moxie!™ Violet	Excellent
Pretty Little™	70070033	Pretty Little™ Pink Splash	Good

### Ivy Series

Series	Variety #	Variety Name	Rating
Cascade	70004124	Cascade Acapulco	Good
	70059624	Cascade Dark Red	Excellent
	70004202	Cascade White	Excellent
Ivy League™	70074834	Ivy League™ Amethyst	Good
	70069770	Ivy League™ Burgundy	Good
	70074821	Ivy League™ Cherry Blossom	Good
	70074808	Ivy League™ Light Lavender	Good
	70074811	Ivy League™ Red	Good

### Dark Green Foliage Series

Series	Variety #	Variety Name	Rating
Tango™	70004116	Tango™ Dark Red	Good
	70004107	Tango™ Deep Red	Excellent
	70020578	Tango™ Deep Rose with Eye	Good
	70004118	Tango™ Lavender	Good
	70004120	Tango™ Orange	Good
	70004108	Tango™ Rose Splash	Excellent
	70004150	Tango™ Salmon	Excellent
	70074797	Tango™ Strawberry Ice	Good
	70007861	Tango™ Velvet Red	Good
	70008003	Tango™ White	Excellent
	70069791	Tango™ White Splash	Good
	Mojo™	70080207	Mojo™ Cranberry Splash
70086842		Mojo™ Dark Red	Excellent
70086838		Mojo™ Magenta	Excellent
70080227		Mojo™ Orange	Good
70095951		Mojo™ Scarlet	Good
70080211		Mojo™ White	Good
Mantra™	70086828	Mantra™ Bright Red	Excellent
	70080212	Mantra™ Magenta	Excellent
	70080221	Mantra™ Pink	Excellent
Caldera™	70065936	Caldera™ Red	Excellent
	70065939	Caldera™ Salmon	Excellent
Caliente®	70051129	Caliente® Lavender	Good
	70008714	Caliente® Orange	Excellent

### Zonal and Novelty Series

Series	Variety #	Variety Name	Rating
Americana®	70020478	Americana® Bright Red	Excellent
	70020479	Americana® Cherry Rose	Good
	70020527	Americana® Dark Red	Good
	70004135	Americana® Dark Salmon	Good
	70020482	Americana® Orchid	Good
	70004093	Americana® Pink	Good
	70007854	Americana® Red	Excellent
	70020528	Americana® Salmon	Excellent
	70020558	Americana® White Splash	Good
	Rocky Mountain™	70006932	Rocky Mountain™ Dark Red
70004111		Rocky Mountain™ Orange	Excellent
70004112		Rocky Mountain™ Red	Excellent
70004113		Rocky Mountain™ Salmon	Good
Novelty	70020584	Exotica™ Coral Sunrise	Good
	70080206	Rosalie™ Antique Salmon	Good
	70074780	Starry Pure White	Good

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