

Blueberry – *Vaccinium corymbosum*

<p>Key Cultivars:</p> <p><u>Highbush</u></p> <ul style="list-style-type: none"> - Northland - Jersey - Draper - Bluecrop - Elliot <p><u>Half highbush</u></p> <ul style="list-style-type: none"> - Northblue - Northsky 	<p>Climate Risk Notes:</p> <p>Fluctuating winter temperatures are one of the biggest concerns for blueberries. Sudden drops in temperature after a warm spell can damage plant tissues, particularly flower buds and new growth</p> <p>Sudden changes in temperature causes physiological stress on plants, making them more susceptible to pest & disease outbreaks in single species cropping systems. Integrated pest & disease management in a changing climate is recommended.</p> <p>Spotted wing drosophila is a pest that has recently become very prevalent in Wisconsin. It mainly effects later varieties of blueberries.</p>
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	<i>Key Months for Crop Development and Thresholds</i>											
	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
Stage of growth <i>(under current conditions)</i>	Dormant <small>c, k, l</small>	Dormant <small>c, k, l</small>	Dormant <small>c, k, l</small>	Dormant <small>c, k, l</small>	Dormant, Bud development <small>c, k, l</small>	Bud development, Flowering <small>c, k, l</small>	Flowering, Fruit development <small>c, k, l</small>	Fruit development, Harvest <small>c, k, l</small>	Fruit development, Harvest <small>c, k, l</small>	Harvest, Bud development <small>c, k, l</small>	Harvest, Bud development <small>c, k, l</small>	Dormant <small>c, k, l</small>
Min Temp (°F)	0 ^h	-20 ^h	-20 ^h	10 ^h	20 ^{c, f, h}	30 ^{c, f, h}				30 ^{c, f, h}	20 ^{c, f, h}	15 ^h
Max Temp (°F)	50 ^h	50 ^h	50 ^h	50 ^h	90 ^{e, j, f}	90 ^{e, j, f}	100 ^{e, j, f}	100 ^{e, j, f}	100 ^{e, j, f}	90 ^{e, j, f}	90 ^{e, j, f}	50 ^h

<i>Climate</i>									<i>Soil</i>						
Min Optimal Temp (°F)	Max Optimal Temp (°F)	Min Absolute Temp (°F)	Max Absolute Temp (°F)	Germination Soil Temp (°F)	Growing Degree Days (50°F base)	Chilling Hours (32-45°F)	Min Rainfall (in/year)	Max Rainfall (in/year)	Min pH	Max pH	Optimal Soil Texture	Absolute Soil Texture	Optimal Soil Drainage	Absolute Soil Drainage	Soil Depth (in)
-10 ^{b, f, h, j}	90 ^{e, j, f}	-20 ^{b, f, h, j}	100 ^{e, j, f}	NA	NA	600 ^{b, f, j}	24 ^{a, h, k}	NA	3.8 ^{a, j, k}	5.5 ^{a, j, k}	Silt loam, sandy loam, loamy sand ^{g, i, k}	Loam, sand ^{g, i, k}	Well drained ^{a, d, j}	Somewhat excessively drained, moderately well drained ^{a, d, j}	14 ^{a, f, k}

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