

**Table B-7. Boron Recommendations Based on Soil Tests for Vegetable Crops**

Interpretation of Boron Soil Tests			Crops that often need additional Boron <sup>1</sup>	Boron (B) Recommendations (lb/A) <sup>2</sup>
Parts per Million	Pounds per Acre	Relative Level		
0.0-0.35	0.0-0.70	Low	Beets, broccoli, Brussels sprouts, cabbage, cauliflower, celery, rutabaga, and turnips	3
			Asparagus, carrots, eggplant, horseradish, leeks, muskmelons, okra, onions, parsnips, radishes, squash, strawberries, sweet corn, tomatoes, and white potatoes	2
			Peppers and sweet potatoes	1
0.36-0.70	0.71-1.40	Medium	Beets, broccoli, Brussels sprouts, cabbage, cauliflower, celery, rutabaga, and turnips	1.5
			Asparagus, carrots, eggplant, horseradish, leeks, muskmelons, okra, onions, parsnips, radishes, squash, strawberries, sweet corn, tomatoes, and white potatoes	1
>0.70	>1.40	High	All crops	0

<sup>1</sup>If boron deficiency is suspected in vegetable crops not listed above, a soil and/or plant tissue test should be made and used as a basis for treatment recommendations. <sup>2</sup>Approximate conversion factors to convert elemental boron (B) to different boron sources:

Boron (B) x 9 = borax (11.36% B); boron (B) x 7=fertilizer borate granular (14.3% B); boron (B) x 6.7 = fertilizer borate 48 (14.91% B); boron (B) x 5 = fertilizer borate 65 (20.2% B) or Solubor (20.5% B); boron (B) x 4.7 = fertilizer borate 68 (21.1% B).