

# *Frost control tests with lettuce and alfalfa . . .*

## **BLANKET OF ICE KEEPS PLANTS FROM FREEZING**

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TEMPERATURES (°F) OF PLANTS ICE-COATED COMPARED WITH THOSE NOT COATED  
(4 INCHES FROM SOIL SURFACE)

Time	9:30	10:30	11:30	12:30	1:30	2:30	3:30	4:30	5:30	6:30	7:30
	PM			AM							
Iced	30.5	31.5	31.5	31.5	31.5	31.0	31.0	31.0	31.0	31.0	31.3
Not iced	30.5	25.0	25.5	23.5	24.0	23.5	23.5	26.3	24.5	21.0	33.3



Icicles visible in photo above, were hanging from lettuce plants that had been sprinkled for frost protection by ice-coating. Photo to right, above, shows ice beginning to melt off the frost-protected lettuce heads. Right photo shows lettuce plants on a 24-inch grid, coated with ice. Lower photo to right shows uniformity of lettuce heads produced on flat soil surface with grid system. Photo below shows alfalfa plants encased in one-half inch of ice for frost protection.

