

Abstract of:
COLD STORAGE SUCCESS AFFECTED BY LIFTING TIME
by
Edward C. Stone and Gilbert H. Schubert

Successful cold storage depends upon the proper lifting date.

Ponderosa pine seedlings lifted from the Mt. Shasta Nursery and placed in cold storage before November 1 failed to survive when replanted 3 months later under favorable conditions in the greenhouse. When lifted after November 1 survival was good.

Cold storage in general reduced the number of short laterals (stubs) that elongated during the first month after replanting in the greenhouse. The reduction was most pronounced when the seedlings were lifted and placed in cold storage prior to November 1.

Both survival and lateral root elongation of stock lifted and placed in cold storage prior to November 1 was correlated with the seed collection zone.

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