COLD RESISTANCE ADJUSTMENTS OF FIELD-HARDENED
WINTER WHEATS AS DETERMINED BY ARTIFICIAL
FREEZING

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The measurement of the relative cold resistance of varieties and
selections of cereal and forage crops by means of artificial freezing is
now an established part of the several improvement programs at the
Nebraska Agricultural Experiment Station. The usual procedure for
testing winter wheat consists of growing and hardening seedlings in
flats, under field conditions, prior to artificial freezing. In this paper
the progressive actual and changing relative cold tolerance relation-
ships of two such field-grown varieties from November to January
in 1930–31 and of four from November to April in 1931–32, are re-
ported.

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