

WALNUT SET

Dormancy: G. C. Martin

Extracts of catkins and terminal buds for growth regulators indicate that abscisic acid decreases and gibberellin increases at the time of spring growth in these organs. Exogenous applications of abscisic acid decreases and gibberellin increases the growth of both catkins and terminal buds if applied prior to spring growth.

Regularity of Catkin Development: G. C. Martin

Each year catkin counts have been made on specific Payne trees. To date it is evident that the number of catkins present on a given limb vary drastically from year to year.

Pollen Storage: H. I. Forde

Work started in 1969 on storage of walnut pollen was continued in 1971. This work shows that walnut pollen remains viable for at least 1 year in a freezer at -19°C . See Griggs, W. H., H. I. Forde, B. T. Iwakiri and R. N. Asay, The effect of subfreezing temperatures on viability of Persian walnut pollen, HortScience 6(3):235-237 (1971); and Forde, Harold I. and William H. Griggs, Pollination and blooming habits of walnuts, AXT N24 (1972).