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Effects of Wing Removal Treatment on Seed Germination of *formolongi* hort.

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We investigated the effects of seed wing removal on the recovery of *formolongi* hort. Untreated seeds demonstrated the highest germination rate; this was inhibited under temperatures of 22 and 24°C. Wing removal promoted germination at temperatures of 18, 22, and 24°C. Wing removal caused

the seed coats and these cavities facilitated water uptake. Among the seed wings, substance(s) contained in the ethyl acetate layer inhibited Abscisic acid (ABA) denied the effect of wing removal though gibberellins. These results suggested that wing removal improved seed germination, water absorption, and decreasing germination inhibitors.

Key Words: [abscisic acid](#), [germination inhibitor](#), [germination rate](#),

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