











Figure 64: A. sessilis 'Red'. Endosperm development.

A: Endosperm nuclei randomly distributed at the periphery of the elongated embryo sac (indicated by arrows).

B: Accumulation of endosperm nuclei at the chalazal region (indicated by arrow).

C: Endosperm remains in the free nuclear stage (indicated by arrows) when the young globular proembryo is formed.

D: Cell wall formation in nuclear endosperm (indicated by arrow).

E: Larger nuclei at the chalazal region.

- B: Nuclear endosperm turning cellular when the late globular proembryo is formed.
- C: Mitotic division is not synchronous in nuclear endosperm. C1 & C2: Nuclear endosperm undergoing division.

Figure 67: A. brasiliana. Endosperm development.

A: Endosperm nuclei randomly distributed at the periphery of the elongated embryo sac (indicated by arrows).

B: Cell wall formation does not proceed to the chalazal region. The nuclei remain free at the chalazal region.

- C: Cell wall formation in nuclear endosperm.
- D: Nuclear endosperm at the chalazal region.

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