

Abelmoschus esculentus (L.) Moench (*Malvaceae*)

Seed.

General shape: spherical or ovoid

Normal size: 3-6 mm diameter x 4-5 mm W x 3-4 mm D

Color: greenish-gray

Texture: dull and velvety, covered by striation disposed in concentric rows.

Distinguishing features: mature seeds are spherical with a white notch containing the hilum. The hilum is 1/3rd whitish and pitched, 2/3rd black and flat, covered with sparse hairs. The striate texture is due to the almost parallel furrows covering the seed.

Embryo: curved, cotyledons folded.



Seeds of *Abelmoschus esculentus*

Image by SNES-GEVES

Cross section of seed showing embryo and nutritive tissue

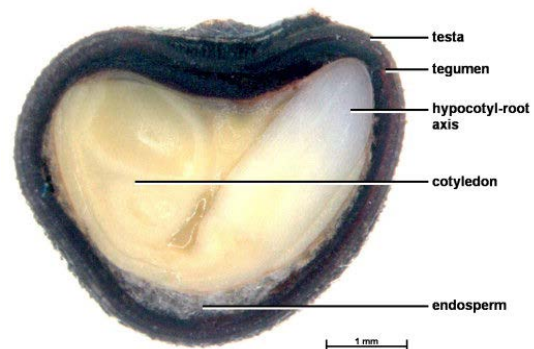


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Source: http://www.kew.org/web-image/abelmoschus-esculentus-seed-longitudinal-section-labelled.htm?gallery=KPPCONT_068716