

Convolvulus arvensis L. (Convolvulaceae)

Seed.

General shape: mostly obovoid or pear-shaped

Normal size: 4.0-4.5mm L x 2.5-3.0 mm W x 2.5-3.0 mm D

Color: dark grey-brown

Texture: dull and roughened by wide, blunt tubercles or short crests

Distinguishing features: the dorsal side is convex and the two ventral sides are usually flat (or concave when immature). The ventral sides are separated by a central ridge and they slope down to the edge.

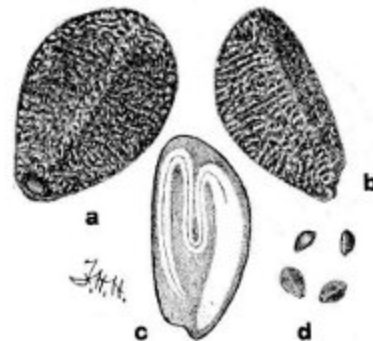
The hilum is round, small and sunken, located at the narrow end of the seed.

Embryo: with folded or crumpled cotyledons.



Seeds of *Convolvulus arvensis*

Images by SNES-GEVES



Seeds of Michigan weeds by W.J. Beal

Cross section of seed showing embryo and nutritive tissue