

*Portulaca oleracea* L. (Portulacaceae)

Capsule with many seeds.

**General shape:** almost circular in outline, flattened, with an indent at the hilum following the embryo.

**Normal size:** 0.6-0.8 Lx 0.1-0.2 W, D mm

**Color:** soot black

**Texture:** barely lustrous to lustreless. When magnified, appears to be covered by small tubercles, disposed in concentric lines.

**Distinguishing features:** the hilum covered by a white, floury caruncule, is located in the basal notch, near an apiculate appendix.

**Embryo:** the embryo lies in a circle, embedded in the nutritive storage tissue along the outline of the seed.



Normal seeds of *Portulaca oleracea*



Seeds under magnification