

Lupinus angustifolius L. (Fabaceae)

Seed.

General shape: rounded angular, slightly flattened

Normal size: 7-9 mm L x 5-6 mm W x 4-5 mm D

Color: reddish-brown, dark brown, or gray with whitish spots or uniform whitish

Texture: smooth and dull

Distinguishing features: seed more or less flattened, with two convex faces. The hilum is small (1mm long), sunk in one corner, often surrounded by a thick light ring and with a darker Y pattern. The micropyle is visible at the leg of the Y, a yellowish spot.

Embryo: curved, accumbent; cotyledons are big and thick.

Note: the color of the seeds vary depending on the variety



Seeds of *Lupinus angustifolius*

Image by SNES-GEVES