

Triticum aestivum L. **subsp.** *aestivum* (*Poaceae*)

Caryopsis

General shape: long, oval, plump with a hump (1) behind the embryo ;

longitudinally grooved ventrally

Size: 5.0-9.0 L x 1.8-4.5 W x 1.6-3.5 D mm

Color: straw, reddish light brown

Texture: smooth, sometimes wrinkled across, dull

Distinguishing features: ventral groove is rounded (2); apex blunt with brush of short hairs (3)

Embryo (4) : sunk, short and widely rounded, the root-shoot axis about 1/4 the length of the caryopsis.

Endosperm: soft to semi-solid

Hilum: linear, nearly as long as caryopsis, located in ventral groove



Caryopsis
of *Triticum aestivum* L. subsp. *aestivum*

Caryopsis of other *Triticum* species



T. monococcum



T. turgidum subsp. *diccocon*



T. turgidum subsp. *durum*



T. aestivum subsp. *spelta*