

***Sorghum halepense* (L.)Pers. (Poaceae)**

**Spikelet**

**Size:** 4.0-7.0 L x 1.7 -2.5 W x 1.5-1.8 D mm

**Color:** whitish yellow to brown ombre

**Texture:** glossy

**Distinguishing features:** one rachis segment and one pedicel (sterile spikelet often remaining attached) which are often pubescent and long, slender and cup-shaped at apex (1). The spikelet consists of a pair of hardened glumes, hyaline sterile lower lemma and an upper fertile floret with hyaline lemma and palea, this lemma may or may not be awned. Glumes completely enclose the caryopsis

**Caryopsis**

**General shape:** ovoid; dorsal-ventrally compressed.

**Size:** 3.8-6.8 L x 1.5-2.3 W x 1.3-1.5 D mm

**Color:** brownish

**Texture:** smooth and dull, the hilum on the ventral side is sunk and dark dot.

**Embryo:** straight, lies under the dorsal testa in the middle. The root-shoot axis about 1/2 the length of the caryopsis.

**Endosperm:** soft to semi-solid

**Hilum:** oval, basal

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Spikelets of *Sorghum halepense*

