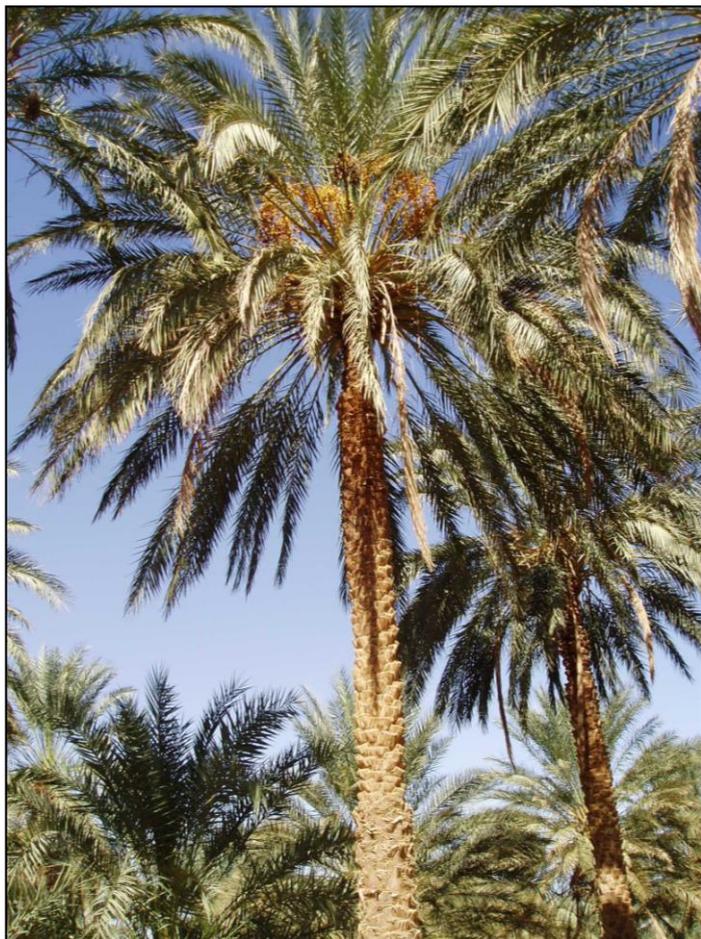


# BESTIAN - بیستیان



## Passport

**Origin and distribution:** common variety of Waddan, Sokna and Hun. It's one of the most widespread variety in Al Fugha and Zella

**Productive area in Al Jufrah Oasis:** 3 %

**Mean Production in Al Jufrah Oasis:** 65 Kg/tree

**Agronomic characteristics:** rapid growth of the plant with quick ageing process. High productivity, sensitive to pests and water salinity, good rooting capacity in bad soil situation. Good offshoot capacity, with high percentage of offshoot developing during plantation

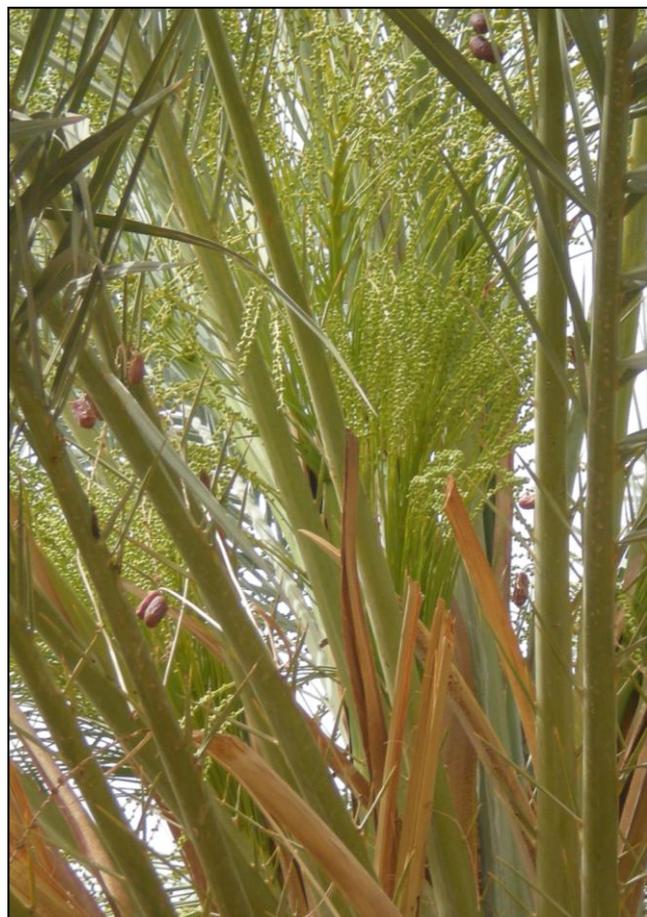
**Flowering period:** February - March

**Commercial maturity stage:** Tamar

**Harvest period:** in October by removing of bunches

**Fruit and trade characteristics:** with a low sugar content, this is the date variety most recommended for diabetes sufferers. Good for postharvest processing and other uses for animal feed

**Quality** ★★☆☆





### TREE

Trunk shape	<i>cylindrical</i>	Bunch type	<i>oblique</i>
Foliage shape	<i>erected</i>	Bunch density	<i>dense</i>
Crown shape	<i>moderately dense</i>	Bunch colour	<i>yellow-orange</i>

### FRUIT

Shape	<i>sub-cylindrical</i>	Flesh thickness	<i>thin</i>
Apex	<i>oval</i>	Presence of fibres	<i>much</i>
Base	<i>flat – flat and oblique</i>	Flesh to seed adhesion	<i>not much</i>
Color	<i>honey</i>	Length	<i>medium</i>
Skin appearance	<i>corrugated</i>	Width	<i>medium</i>
Alteration of skin colour	<i>sometime collar</i>	Length/width ratio	<i>high</i>
Fruit texture	<i>half-soft - soft</i>	Main weight of 20 fruits (g)	<i>151</i>
Perianth	<i>Absent or flattened</i>	Main flesh weight of 20 fruits (g)	<i>121</i>
Flesh texture	<i>firm (honeyed) - soft</i>		

### SEED

Shape	<i>sub-cylindrical</i>	Length	<i>medium</i>
Colour	<i>beige</i>	Width	<i>medium</i>
Surface	<i>rough - bumpy</i>	Length/width ratio	<i>medium</i>
Presence of mucro or fibrous type	<i>sometime fibrous type</i>	Main weight of 20 seeds (g)	<i>30</i>
Micropyle position	<i>towards the apex - middle</i>	Seed/Fruit length ratio	<i>medium</i>
Ventral furrow shape	<i>prominent</i>	Seed/Fruit weight ratio	<i>high</i>

### INFLORESCENCE

Spathe Shape	<i>lanceolate</i>	N° of spathes/tree	<i>medium</i>
Spathe length	<i>Medium - short</i>	N° of spikelets in the spike	<i>medium</i>
Spathe width	<i>medium - narrow</i>	N° of flowers in one spikelet	<i>medium</i>

### QUALITATIVE PARAMETERS

Total sugar content (%)	<i>69,8</i>	Magnesium (mg/kg)	<i>887</i>
Fructose (%)	<i>33,7</i>	Potassium (mg/kg)	<i>7752</i>
Glucose (%)	<i>36,0</i>	Zinc (mg/kg)	<i>6,1</i>
Sucrose (%)	<i>0,1</i>	Iron (mg/kg)	<i>11,3</i>