

Collection No.	61
Collector Name & Semester	Lazo Mohammed Ali Semester 7
Collection Date	1/7/2025
Scientific Name	<i>Tagetes erecta</i>
Family	Asteraceae
Common Name (Kurdish, Arabic and English)	گۆلی هه‌میشه به‌هار زهرة القطيفة Marigold
Location	Iraq ,KRG, Sulaymaniyah, Sharbazher ,Wazha village
Latitude & Longitude	Latitude 45.477271 Longitude 35.740161
Growth Form	<input type="checkbox"/> Tree <input type="checkbox"/> Shrub <input type="checkbox"/> Herb <input type="checkbox"/> Vine <input type="checkbox"/> Grass <input type="checkbox"/> Answer: Herb
Condition	<input type="checkbox"/> Flowering <input type="checkbox"/> Fruiting <input type="checkbox"/> Vegetative <input type="checkbox"/> Answer: Flowering
Use	<input type="checkbox"/> Medicinal <input type="checkbox"/> Edible <input type="checkbox"/> Ornamental <input type="checkbox"/> Answer: Medicinal and Ornamental
Abundance	<input type="checkbox"/> Rare <input type="checkbox"/> Occasional <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> Answer: _Abundant
Soil Type	<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Clay <input type="checkbox"/> Rocky <input type="checkbox"/> Answer: _Loamy

<p>Plant part collected</p>	<p><input type="checkbox"/> Leaf      <input type="checkbox"/> Flower      <input type="checkbox"/> Fruit      <input type="checkbox"/> Seed</p> <p><input type="checkbox"/> Root      <input type="checkbox"/> Stem      <input type="checkbox"/> Whole Plant</p> <p><input type="checkbox"/> Answer: Whole Plant</p>
<p>Plant Description</p>	<p><b>Scientific Classification</b></p> <p><i>Tagetes erecta</i> belongs to the kingdom Plantae, in the division Magnoliophyta (flowering plants). It is part of the class Magnoliopsida (dicots), order Asterales, and family Asteraceae, which includes daisies and sunflowers. The genus is <i>Tagetes</i>, and the species is <i>erecta</i>, commonly known as African marigold or Aztec marigold.</p> <p><b>Botanical Description</b></p> <p><i>Tagetes erecta</i> is a fast-growing, upright annual herb with a strong, branched stem that can reach 30 to 120 centimeters in height. The leaves are dark green, aromatic, and pinnately divided, giving them a fern-like appearance. The plant produces large, rounded, pom-pom-shaped flowers in shades of yellow, orange, or cream, often 5 to 10 centimeters wide. It has a fibrous root system and thrives in full sunlight and well-drained loamy or sandy soil.</p> <p><b>Medicinal and Traditional Uses</b></p> <p>Traditionally, <i>Tagetes erecta</i> has been used in folk medicine for treating wounds, skin conditions, eye infections, and digestive issues. The plant contains bioactive compounds such as flavonoids, essential oils, and carotenoids like lutein, which contribute to its anti-inflammatory and antioxidant properties. Culturally, the flowers are used in religious and spiritual festivals, including Día de los Muertos in Mexico and Diwali in India, symbolizing purity, light, and remembrance.</p>

Plant image(s)  
(in its  
environment )  
(Before  
collection)



Collected Sample  
image(s)  
(on black  
background)



