

Collection No.	43
Collector Name & Semester	Ara Mahdi Mustafa Semester 7
Collection Date	7 / 7 / 2025
Scientific Name	<u><i>Pelargonium graveolens</i></u>
Family	Geraniaceae
Common Name (Kurdish, Arabic and English)	عطرشة Rose geranium كه لاجا
Location	Iraq, KRG, Sulaymaniyah
Latitude & Longitude	35.5651787 45.4635474
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: Shrub
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: Edible and medicinal
Abundance	<input type="checkbox"/> Rare <input type="checkbox"/> Occasional <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> Answer: common
Soil Type	<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Clay <input type="checkbox"/> Rocky <input type="checkbox"/> Answer: Sand

<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>Pelargonium graveolens, often celebrated as rose geranium, is a perennial shrub that belongs to the Geraniaceae family. This plant is highly prized for its fragrant leaves, which are the primary source of its distinctive aroma. The leaves are typically a vibrant green, deeply lobed, and possess a soft, velvety texture due to the fine hairs that cover their surface. These leaves are the heart of the plant's appeal, as they contain the essential oils that give rose geranium its characteristic scent, often described as a blend of rose, citrus, and greennotes.</p> <p>The plant itself is a relatively hardy shrub, capable of reaching up to 1 meter in height and width under favorable conditions. It typically exhibits an upright growth habit, with multiple stems arising from the base. The flowers, which appear in clusters, are small and delicate, usually displaying shades of pink or mauve, adding a subtle beauty to the plant's overall appearance. Rose geranium thrives in well-drained soil and requires ample sunlight to flourish, making it a popular choice for gardens and container planting in regions with suitable climates.</p> <p>Native to South Africa, Pelargonium graveolens has been cultivated for centuries for its essential oil, which is extracted through steam distillation of the leaves. This oil is a versatile ingredient, widely used in the perfume industry for its floral fragrance, in aromatherapy for its calming and balancing properties, and in cosmetics for its skin-soothing benefits. Beyond its commercial uses, rose geranium is also valued in home gardens for its ornamental qualities and its ability to repel certain insects.</p>

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





Collected
Sample
image(s)
(on black
background
d)







