

Collection No.	45
Collector Name & Semester	Saba salwan ghanim Semester 7
Collection Date	6\7\2025
Scientific Name	<u><i>Petunia atkinsiana</i></u>
Family	Solanaceae
Common Name (Kurdish, Arabic and English)	Garden petunia (purple) البَطُونِيَّة- التَّبْعِيَّة گۆلى پاتونيا
Location	Iraq , KRG , Sulaymaniyah, (30metry) near onyx mall
Latitude & Longitude	35.57913 45.44429
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: Ornamental

Abundance	<input type="checkbox"/> Rare <input type="checkbox"/> Occasional <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> Answer: common in gardens , parks
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Soil Type	<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Clay <input type="checkbox"/> Rocky <input type="checkbox"/> Answer: light loamy soil
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Plant part collected	<input type="checkbox"/> Leaf <input type="checkbox"/> Flower <input type="checkbox"/> Fruit <input type="checkbox"/> Seed <input type="checkbox"/> Root <input type="checkbox"/> Stem <input type="checkbox"/> Whole Plant <input type="checkbox"/> Answer: whole plant
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Plant Description	<p>Garden petunia is the common name of the petunia atkinsiana.</p> <p>Flower</p> <ul style="list-style-type: none"> • Color: Rich, vibrant purple (can vary from deep violet to lighter lilac, depending on cultivar). • Shape: Broad, trumpet-shaped, with a fused corolla forming a wide, flared tube. • Size: Typically 5–7 cm in diameter, larger in grandiflora types. • Texture: Velvety petals, often with subtle veins or darker throats. • Arrangement: Solitary flowers borne on the tips of stems. • Blooming Season: Late spring to early autumn (prolonged with deadheading and good care). <p>Leaves</p> <ul style="list-style-type: none"> • Color: Light to medium green. • Shape: Oval to oblong, with entire margins. • Arrangement: Alternate along the stem. • Surface: Slightly sticky or hairy (glandular trichomes present). • Size: Around 4–8 cm long. <p>Stem</p> <ul style="list-style-type: none"> • Structure: Soft, green, and branched. • Texture: Hairy and slightly sticky due to glandular hairs. • Growth habit: Spreading or mounding; trailing types may spill over container edges. <p>Ecological Information</p>
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Stem

- Structure: Soft, green, and branched.
- Texture: Hairy and slightly sticky due to glandular hairs.
- Growth habit: Spreading or mounding; trailing types may spill over container edges.

Ecological Information

Soil Type

- Prefers well-draining, fertile, loamy soil.
- Avoid heavy clay or compacted soils.

Sunlight

- Requires full sun (minimum 5–6 hours daily).
- Tolerates partial shade but with reduced flowering.

Watering

- Needs regular watering, especially in hot weather.
- Soil should be moist but not waterlogged.
- Allow top layer to dry slightly between waterings.

Climate

- Thrives in warm, temperate climates.
- Frost-sensitive — grow as an annual in cooler zones.

Growth & Care

- Lifespan: Grown as an annual (lives one growing season).
- Maintenance:
- Deadheading improves blooming.
- Fertilize every 2–3 weeks with balanced or flowering fertilizer.

Edibility & Use

- Not edible — grown purely as an ornamental.
- Attracts pollinators like bees, butterflies, and hummingbirds.
- Commonly used in:
 - Flower beds
 - Hanging baskets
- Window boxes and containers

Plant
image(s)
(in its
environm
ent)
(Before
collection)





Collected
Sample
image(s)
(on black
backgrou
nd)

