

Apple Bitter, Nightshade (*Solanum incanum*) :-

A plant 60-150 cm tall. It is a spiny plant with branches at the bottom. It is densely covered with woolly star clusters. Its stems bear short spines with a curved base. The leaves are simple, alternating, with no ears, broad, oval, wavy, slanted at the base, and bear spines along the middle side. They include about 2-15 flowers, but only the lower flowers are fertile. The color of its flowers may be blue, pink, purple, violet, and rarely white. It is characterized by its abundance of seeds, as the seed is lenticular and sometimes spherical in shape, its dimensions are 2-3.5 mm. Its fruits are characterized by a pale yellow to brown color. These plants flower from January to August.

Habitat: Valleys in hot deserts, and deserted places
And roadsides.

Geographical distribution: Sudanese, extending to South Africa. And the Arabian Gulf, recorded in more than one location in the Sultanate of Oman.

Pastoral importance: It is poisonous to animals and its presence indicates grazing The unjust ones.

Other uses: It is used from the seeds of the shrimp plant In the local cheese industry, it contributes to the consistency of the cheese when Put it in milk, and shrimp is also used to treat diseases Dermatology through stem extracts and pulp fruits.

