

Since 2002, ICARDA, in collaboration with National Agricultural Research Systems (NARS), has pioneered a high-density vertical soilless cultivation system in the Arabian Peninsula. Tailored for medium-sized farmers, this innovative system is optimized for the production of high-value crops such as herbs, leafy greens, and fruits.



High Density

This system maximizes crop yield per unit area, leading to higher productivity and increase profitability



Soilless Media

The use of soilless system allows for precise control over nutrient solutions and a sterile environment, minimizing diseases risks.



Recirculation

Nutrient solution are recirculated, reducing waste and enhance efficiency, making the system more sustainable.



والتخطيط العسمراني and Urban Planning

Public Authority for Agricultural Affaires and Fish Resources, Kuwait







المملكة العربية السعودية



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