



FIRST MAJESTIC  
SILVER CORP



## Working with our Neighbors on Water Conservation

*Note: We thank First Majestic employees Adrian Quiñones, Hilda Pérez, Francisco Navarro Dewar, and Axel Mejía Rodríguez for their contributions to this story.*

### Working together on Responsible Water Practices

In the water-stressed regions surrounding the Sonoran Desert, water is a precious commodity. In addition to practicing responsible water management at our own operations, First Majestic has relationships with local farmers and ranchers to develop responsible resource use practices. One such project is with Raphael Ibarra, a local garlic farmer in the Sonora River basin. Typically, garlic in the area is farmed using sprinkler irrigation, which sprays water on an entire plot of land, with a fraction of the water being used by the crops and the rest being lost to evaporation. By most estimates, 80 to 90% of water used in sprinkler watering systems are lost through evaporation or groundwater infiltration.

We worked with the farmer to finance and establish test plots where alternative irrigation practices would be trialed. For an initial trial, drip irrigation was tested. Garlic is a suitable candidate for this watering technique due to its relatively low water needs and tendency to experience root rot when over-watered.

2023 marked the end of the first year of the trial program for drip irrigation, and the results were good. The farmer reported that he was able to harvest 20 tons of garlic from the hectare of land, which is a **33% improvement over his usual harvest** of 15 tons. He also reported an **80% reduction in water use**, which is a significant benefit in such a water-stressed region.



## 80% Reduction

in water use



# 33% Increase

in crop yield

## Public-Private Partnerships for Innovation

In Mexico, there is a 2% payroll retention tax that is earmarked for a regional Secretaría de Agricultura, Ganadería, Desarrollo Rural, Pesca y Alimentación (SAGARPA) fund – a fund for the Secretariat of Agriculture, Livestock, Rural Development, Fisheries and Food. Local businesses can propose technical projects to the SAGARPA fund to receive capital for projects that improve sustainability practices in the region. It's through this public-private partnership that First Majestic is able to work with local communities and small businesses to implement advanced sustainability practices.

## About First Majestic

First Majestic is a publicly traded mining company focused on silver and gold production in Mexico and the United States. The Company presently owns and operates the San Dimas Silver/Gold Mine, the Santa Elena Silver/Gold Mine, and the La Encantada Silver Mine as well as a portfolio of development and exploration assets, including the Jerritt Canyon Gold project located in northeastern Nevada.

First Majestic is proud to offer a portion of its silver production for sale to the public. Bars, ingots, coins and medallions are available for purchase online at its Bullion Store at some of the lowest premiums available.

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