

## Rose Breeding Program

The father of the miniature rose, Ralph Moore, has donated all of his breeding stock, nursery business, and plant inventory to Texas AgriLife Research. The Moore Rose Collection, which was moved from Mr. Moore's Visalia, California, nursery to Greenheart Farms in Arroyo Grande, California, contains about 300 commercially released rose varieties and 600 unreleased varieties that are used for breeding stock.

Few of the commercially released rose varieties have been broadly distributed, and many of the unreleased lines are ready for extensive testing to determine the best areas of adaptation.

This collection is large enough to generate new commercial varieties for many years. Texas AgriLife Research scientists are photographing the whole collection and categorizing the roses into a catalogue, which will facilitate commercialization.

AgriLife Research welcomes collaborators for the research and development of this invaluable gifted intellectual property. In addition, AgriLife Research will need domestic and international partners to commercialize the Moore Rose Collection.

AgriLife Research scientists will continue the Moore legacy by teaching students about roses and by maintaining the breeding program. This collection holds great potential for rose genetics, strengthening AgriLife Research's rose breeding program.

The Moore Rose Collection will be utilized, along with AgriLife Research's extensive rose germplasm collection (thornless, disease resistant, heat tolerant), to develop new rose cultivars. A focus of AgriLife Research's breeding program is to incorporate disease resistance (blackspot), heat tolerance, and water-use efficiency into new cultivars by using conventional and molecular plant breeding techniques.



Little Pinkie



Hope and Joy



Fairy Moss

For more information, contact

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