

- 1051 "A Strain of the Tobacco Mosaic Virus Isolated From Muskmelon"  
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- 1052 "Muskmelon Micrografts"  
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- 1053 "Muskmelons — Thinning to Pure Stands from Mixed Seed"  
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- 1054 "Comparison of 5 Varieties of *Nicotiana tabacum* L. as Reservoir Hosts of Mosaic Viruses"  
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- 1055 "Contamination of Milk from Different Routes of Animal Exposure to DDT"  
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- 1056 "Stress Adaptation in the Rat as Measured by Postweaning Growth"  
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- 1057 "Fatty Acid Composition of the Milk Fat of Some Desert Mammals"  
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- 1058 "The Efficacy and Residual Nature of Experimental Chemicals to the Cotton Root-knot Nematode"  
by Harold W. Reynolds and John H. O'Bannon  
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- 1059 "Experimental Epidemiology of Coccidioidomycosis. II. Pathogenesis of Naturally Acquired Disease in Monkeys and Dogs"  
by R. E. Reed, J. L. Converse, J. J. Sheldon, M. E. Seaquist and F. G. Dalldorf  
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- 1060 "The change in Certain Carbohydrates Found in Alfalfa (*Medicago sativa* L. 'Moapa') Roots During the Period of Floral Initiation and Seed Set"  
by A. K. Dobrenz and M. A. Massengale  
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- 1061 "Some Temperature Effects on Root Pressure Exudation"  
by James W. O'Leary  
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- 1062 "Recharge Distribution Determined by Analog Model"  
by W. G. Matlock  
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- 1063 "Depth of Phosphate Placement for Alfalfa Root Development and Hay Production"  
by C. O. Stanberry, L. R. Cooper, H. A. Schreiber, and M. Lowrey  
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- 1064 "Construction Costs for Plastic Covered Greenhouse for Tomatoes"  
by Dr. Paul M. Bessey  
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- 1065 "The Influence of the Attributes of Color on Heat Absorption"  
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- 1066 "A Revision of *Acanthinus* (Coleoptera: Anthicidae) II — The Angusticollis-Group"  
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- 1067 "A Revision of *Acanthinus* (Coleoptera: Anthicidae) I — The Bimaculifer-Group"  
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- 1068 "A Redefinition of *Ischyropalpus*, and Six New Species (Coleoptera: Anthicidae)"  
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- 1069 "*Anthicus postsignatus* and Similar Species in Southern South America (Coleoptera: Anthicidae)"  
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- 1070 "A New Genus of Anthicidae from Chile (Coleoptera)"  
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- 1071 "Notes on the South American Species of *Vacusus*, with a New Species and Two New Synonyms (Coleoptera: Anthicidae)"  
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- 1072 "A Preliminary Account of the Anthicidae of Venezuela"  
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- 1073 "A Key to the Anthicidae of Hawaii, With One New Species (Coleoptera)"  
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- 1074 "Data Needs for Agricultural Systems Analysis"  
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- 1075 "Distribution of Soil Nitrogen Forms Following Fixation of Isotopic N<sub>2</sub> by Algal Crust Organisms"  
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## Kino New Soybean For Arizona Use

The Arizona Agricultural Experiment Station and the Crops Research Division of ARS, U.S. Department of Agriculture, jointly announce release of a soybean variety named Kino.

Kino is an individual plant selection from a bulk hybrid from the cross D-49-2491 x Clark. The cross and bulk hybrid were made by the Crops Research Division personnel at Stoneville, Miss. Plant selection and testing were done by personnel of the Department of Agronomy at the Arizona Agricultural Experiment Station.

Kino is higher yielding than the commercial variety, Lee, which was the only variety previously recommended for Arizona. Kino has a determinant type of growth and a flowering pattern similar to Lee. Seeds are straw-colored with a prominent black hilum and are similar to Clark in color and size. Plants of Kino have purple flowers and tawny pubescence.

The yield advantage of Kino over Lee is greater in June plantings than in May plantings. Kino has compared favorably with Lee in shattering resistance and height and is, on the average, two to three days later in maturity. Kino and Lee are about equal in oil and protein percentages.

In regional cooperative soybean tests, Kino yielded less than Lee but compared favorably in other characteristics. Kino is apparently better adapted to Arizona than to the southern states.

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## Virus-Free Trees to Boost Citrus Profit

Certified (virus-free) citrus trees finally have reached the market after many years of research and experimentation on the part of numerous individuals and groups.

In the Salt River Valley, interested organizations (mostly nurseries) have some 34,000 trees planted in nursery increase blocks. Their potential is 340,000 trees by next April, all certified to be free of five different viruses.

Importance of the announcement is underscored by Dr. Ross M. Allen of The University of Arizona, who says Arizona's citrus industry has a potential gross income of \$13.3 million but last year grossed only \$7.8 million.

Among the most guilty culprits in this annual multi-million robbery are virus diseases, which can be virtually eliminated by the use of certified trees."