

Larry A. Stein
Associate Department Head/ Professor and Extension Horticulturist
Department or Program unit: Horticulture
Date: April 23, 2015
Date of Initial Extension Appointment: June 1, 1982

Educational Training and Specialization

Ph.D. in Horticulture, Magna Cum Laude, May 1985. Texas A&M University, College Station.
M.S. in Horticulture, Magna Cum Laude, December 1981. Texas A&M University, College Station.
B.S. in Horticulture, Summa Cum Laude, May 1979. Texas A&M University, College Station.

Work Experience

September 2012 to present – Associate Department Head for Extension Horticulture and Professor and Extension Horticulturist.

September 1999 to present - Professor and Extension Horticulturist.

September 1992 to September 1999 - Associate Professor and Extension Horticulturist for Southwest District 10 based at Uvalde.

December 1991 to August 1992 - Associate Professor and Extension Horticulturist for Central District 8 based at Stephenville.

June 1985 to December 1991 - Extension Horticulturist for Central District 8 based at Stephenville.

September 1982 to June 1985 - Extension Assistant in Horticulture in TAMU Extension Horticulture Project Group.

June 1982 to August 1982 - Extension Assistant in Horticulture for \$60,000 grape grant from the State Employment & Training Council. Two Extension Bulletins and a slide-tape program on commercial grape production techniques were produced.

January 1982 to May 1982 - Technician II, Department of Horticultural Sciences, Texas A&M University, College Station.

June 1980 to December 1981 - Graduate Assistant Research for Department of Horticultural Sciences, Texas A&M University, College Station. Provided technical leadership in assembling, calibrating and operating the \$50,000 Inductively Coupled Argon Plasma Emission Spectrophotometer at the TAMU Pecan Research Laboratory for statewide pecan tissue analysis program.

August 1979 to May 1980 - Graduate Assistant Teaching for the Department of Horticultural Sciences, Texas A&M University, College Station. Taught plant propagation and nut culture laboratories.

Current Position

100 % Extension

Associate Department Head and Extension Program Leader for Horticulture; Texas A & M AgriLife Extension Service September 2012 to present.

Professor and Extension Horticulturist; Texas A & M AgriLife Extension Service, September 1999 to present.

Position Description

Evaluate and/or develop new crop production strategies for fruit, nut and/or vegetable crops to improve yield, quality and/or potential profitability.

Assist and/or plan and conduct general horticulture training sessions for agents and assist agents in solving horticultural problems.

Communicate with and develop a confident working relationship, and/or credibility with business groups, organizations and clientele groups associated with fruits, pecans and selected vegetables. Work with other specialists and resource people to solve problems, develop programs and/or implement other educational events or promotions.

Refereed Publications

- Pemberton, H. Brent, Tim D. Davis, Michael A. Arnold, Cynthia McKenney, Larry Stein, David Rodriguez, & R. Daniel Lineberger. (2014). Texas Superstar Program: Using technology to promote the use of well-adapted plants for the landscapes in high temperature regions with limited water resources. *J. Arid Land Studies* 24(1): 209-211.
- Moore, James N., John R. Clark, James Kamas, Larry Stein, Fiench Tarkington, & Martha Tarkington. (2011). 'Victoria Red' Grape. *HortScience*, 46, 817-820.
- Stein, Larry A., Jerry M. Parsons, & R. Daniel Lineberger. (2011). 'Lady Bird Johnson Royal Blue' Bluebonnet (*Lupinus texensis* Hook). *HortScience*, 46, 1206-1207.
- J. D. Reed, J. E. Woodward, K. L. Ong, M. C. Black, & L. A. Stein. (2010). First Report of *Stemphylium* botryosum on Spinach in Texas. *Plant Disease*, 94(11), 1377. DOI: 10.1094/PDIS-06-10-0471.
- Arnold, M.A., R.D. Lineberger, T.D. Davis, S.W. George, W.A. Mackay, G.D. Grant, J.M. Parsons, & L.A. Stein. (2001). Integrating plant trials into teaching and student research programs. *HortTechnology*, 11, 385-88.
- Mackay, W.A., S.W. George, T.D. Davis, M.A. Arnold, R.D. Lineberger, J.M. Parsons, L.A. Stein, & G.D. Grant. (2001). Texas Superstar and the Coordinated Educational and Marketing Assistance Program (CEMAP): How we operate. *HortTechnology*, 11, 389-91.
- Stein, Larry A. & Jerry M. Parsons. (2001). 'Miho' and 'Seto'-new high quality satsumas for Texas. *Subtropical Plant Science*, 53, 16-18.
- Mackay, W.A., J. M. Parsons, G. Grant, S. George, T. D. Davis & L. Stein. (2000). Texas Maroon Bluebonnet. *HortScience*, 35(2), 313.
- Nesbitt, Monte L., Larry Stein, & William B. Goff. (2000). Effect of scionwood moisture and cut-end waxing on pecan bark graft success. *HortScience*, 35(3), 445.
- Leskovar, D. I., L. A. Stein & F. J. Dainello. (2000). Planting systems influence growth dynamics and quality of fresh market spinach. *HortScience*, 35(3), 439.
- Brandenberger, L., M. Baker, D. Bender, F. Dainello, R. Earnhart, J. Parsons, R. Roberts, N. Roe, L. Stein, M. Valdez, K. White, & R. Wiedenfield. (1999). Initiating a statewide evaluation system for watermelons. *HortScience*, 34(3), 478.
- Dainello, Frank, Larry Stein, Guy Fipps, & Kenneth White. (1999). Incorporating Water Harvesting into Plasticulture Production of Muskmelon. *HortTechnology*, 9(1), 78-85.
- Cocke, Jesse Jr., Allen Knutson, Larry Stein & Jesus Esquivel. (1991). Preventing drought delay using irrigation on a pecan weevil management program in Texas. *Southwestern Entomology Science Note*, 16(2), 172.
- Stein, Larry A., George Ray McEachern, & J. Benton Storey. (1989). Summer and fall moisture stress and irrigation scheduling influence pecan growth and production. *HortScience*, 24(4), 607-611.
- Stein, Larry A., G.R. McEachern & J. Benton Storey. (1986). Trunk injected ethephon, A potential harvest aid mechanism for pecans. *Acta Horticulturae*, 201, 175-179.
- Stein, Larry A. & J. Benton Storey. (1986). Influence of adjuvants on foliar absorption of nitrogen and phosphorus by soybeans. *J. American Society Horticulture Science*, 111(6), 829-832.
- Stein, Larry A., George Ray McEachern & J. Benton Storey (1986). Trunk injected ethephon as a potential harvest aid mechanism for pecans. *HortScience*, 21(1), 73-74.

Book

Kamas, Jim & Larry Stein. (2011). *Texas Peach Handbook*. TAMU Press, College Station.

Handbooks

- Stein, Larry A., George Ray McEachern & Monte Nesbitt (eds.). (2012). *Texas Pecan Handbook*, Texas A & M AgriLife Extension Service, College Station.
- Stein, Larry A., Monte Nesbitt, Al Wagner, Bill Ree, and George Ray McEachern. 2011. *Good Agricultural Practices for Pecans in Texas*. Texas Pecan Growers Assoc., Bryan, TX.
- Stein, Larry A. and George Ray McEachern (eds.). 2007. *Texas Pecan Handbook, Volumes I & II*. Texas Cooperative Extension, College Station.
- Stein, Larry A. and George Ray McEachern (eds.). 2006. *2007 Texas Pecan Handbook*, Texas Cooperative Extension, College Station.
- Stein, Larry A. (2004). *Texas Pecan Grading Handbook*. Texas Cooperative Extension, College Station.
- McEachern, George Ray and Larry A. Stein. (2003). *Texas Pecan Handbook, Vol. II*. Texas Cooperative Extension, College Station.
- McEachern, G. R. and L.A. Stein (eds.). (1997). *Texas Pecan Handbook*. Texas Agricultural Service, College Station.
- McEachern, G. R. and L. A. Stein (eds.). (1993). *Texas Pecan Handbook. TAEX Horticulture Handbook 105*. Texas Agricultural Extension Service, College Station.
- McEachern, G.R and L.A. Stein (eds.). (1990). *Texas Pecan Profitability Handbook, TAEX Hort Handbook 101*. Texas Agricultural Extension Service, College Station.

ASHS Workshops

Arnold, M. A., T. D. Davis, S. W. George, G. D. Grant, R. D. Lineberger, W. Mackay, J. M. Parsons & L. A. Stein. (2000). CEMAP with a capital 'C': cooperation is the key to successful plant trialing programs. ASHS workshop, Orlando, Florida.

Abstracts

- Stein, Larry. 2015. High density spinach production in Texas and disease management (abstract). Proceedings 2015 International Spinach Conference, Yuma, Arizona.
- Pemberton, H. Brent, Tim D. Davis, Michael A. Arnold, Cynthia McKenney, Larry Stein, David Rodriguez, & R. Daniel Lineberger. (2013). Texas Superstar Program: Using technology to promote the use of well-adapted plants for the landscapes in high temperature regions with limited water resources. Abstract
- Stein, Larry. 2013. Growing fresh market and processing spinach in Texas (abstract). Proceedings 2013 International Spinach Conference, Guangzhou, China.
- Stein, Larry A. 2011. Fungicides for the development of an effective spinach white rust control system (abstract). Proceedings 2011 International Spinach Conference, Amsterdam, Netherlands.
- Stein, Larry A., Aaron Phillips, & Marcel Valdez. (2009). The Effects of Plant Population on Processing and Fresh Market Spinach Yield and Quality. In Abstracts of the International Spinach Conference. University of Arkansas.
- Valdez, Marcel, Larry Stein & Aaron Phillips. (2009). Efficacy of Soil and Foliar Applied Pesticides on White Rust. In Abstracts of the International Spinach Conference. University of Arkansas.
- Stein, Larry A. ed. (2008). Abstracts of the International Spinach Conference. Texas AgriLife Extension Service, Uvalde, Texas.
- Stein, Larry A., Aaron Phillips, & Marcel Valdez. (2008). The Effects of Pre-Plant Nitrogen and Plant Population on Processing and Fresh Market Spinach Yield and Quality. In Abstracts of the International Spinach Conference. Texas AgriLife Extension Service, Uvalde, Texas.

- Phillips, Aaron, Larry Stein, & Marcel Valdez. (2008). Efficacy of Soil and Foliar Applied Pesticides on White Rust. In: Abstracts Of the International Spinach Conference. Texas AgriLife Extension Service, Uvalde, Texas.
- Valdez, Marcel, J. Anciso, J. Lopez, O. Gonzales, L. Stein, J. Taylor, R. Griffin, R. Zamora, O. Montemayor, & B. Story. (2008). Food Safety Gaps Initiative for the Spinach Industry. In: Abstracts of the International Spinach Conference. Texas AgriLife Extension Service, Uvalde, Texas.
- Stein, Larry, Frank Dainello, Marcel Valdez & Kenneth White. (2006). Evaluations of various fertilizer regimes for spinach (abstract) Proceedings 2006 International Spinach Conference, La Conner, Washington.
- Mackay, W.A., S.W. George, T.D. Davis, M.A. Arnold, R.D. Lineberger, J.M. Parsons, L.A. Stein, H.B. Pemberton, & C.B. McKenney. (2002). Texas Superstars, identifying and promoting superior landscape plants that have minimal environmental impact on urban communities. Urban Agriculture: Emerging opportunities in science, education and policy symposium. Dallas, Texas.
- Stein, L., F. Dainello, M. Valdez & K. White, (2001). *2001 Efficacy evaluation of selected fungicides against white rust*. In Abstracts of the National Spinach conference, University of Arkansas & Texas A&M University.
- Mackay, W.A., S. George, T. Davis, M. Arnold, D. Lineberger. J. Parsons & L. Stein. (2001). Texas Superstar and the Coordinated Marketing and Assistance Program. *Southern Region-American Society for Horticultural Science*, Ft. Worth, Texas.
- Stein, Larry A. & George Ray McEachern. (1988). Rooting studies comparing adult vs. juvenile mustang grape (*Vitis candicans*) cuttings. *HortScience*, 23(5), 822.
- Stein, Larry A. & George Ray McEachern. (1987). Rooting studies with native mustang (*Vitis candicans*) in Texas. *HortScience*, 22, 719.
- Stein, Larry A., George Ray McEachern & J. Benton Storey. (1986). The influence of various irrigation regimes on south Texas pecan production. *HortScience*, 21(4), 936.
- Stein, Larry A., George Ray McEachern & J. Benton Storey. (1986). Trunk injected ethephon, A potential harvest aid for pecans. *HortScience*, 21(3), 136.
- Stein, Larry A., George Ray McEachern & J. Benton Storey. (1986). Evaluation of 4 irrigation delivery systems on south Texas pecan production. *HortScience*, 21(3), 188.
- Storey, J. Benton, Larry Stein & George Ray McEachern. (1986). Influence of nitrogen fertilization on pecan production in south Texas. *HortScience*, 21(3), 855.
- Stein, Larry & G.R. McEachern. (1984). Trunk injected ethephone as a potential harvest aid mechanism. *HortScience*, 19(3), 529.
- McEachern, G.R. & Larry Stein. (1984). Growing grapes in Texas. *HortScience*, 19(2), 213.
- Stein, Larry & G.R. McEachern. (1984). Pecan shuck disorders. *HortScience*, 19(2), 204.
- Stein, Larry & J. Benton Storey. (1981). Adjuvant screening for foliar nutrient treatments. *HortScience*, 16(3), 280.

Commodity Journal

- Stein, Larry A. (2014). Winter brought good chilling but drought continues. *Pecan South*, 47(1), 6 & 12.
- Stein, Larry A. (2014). Exercise caution with weed and brush control. *Pecan South*, 47(5), 4 & 14.
- Stein, Larry A. (2014). Crop is good but varmints lurk. *Pecan South*, 47(9), 4 & 16.
- Stein, Larry A. (2013). Don't get discouraged and push out your natives. *Pecan South*, 46(1), 4 & 10.
- Stein, Larry A. (2013). Even natives may succumb to extended drought. *Pecan South*, 46(5), 8.
- Stein, Larry A. (2013). Anticipation. *Pecan South*, 46(9), 4 & 17.
- Stein, Larry A. (2012). For natives, wait for N applications; be ready with zinc. *Pecan South*, 45(1), 8 & 11.
- Stein, Larry A. (2012). Drought stress symptoms persist. *Pecan South*, 45(5), 8 & 15.
- Stein, Larry A. (2012). Texas native crop fairly good despite drought. *Pecan South*, 45(9), 6.

- Stein, Larry A. (2011). Vast stands of natives could increase U.S. production. *Pecan South*, 44(1), 4 – 5, 7.
- Stein, Larry A. (2011). How will weather affect this year's crop? *Pecan South*, 44(5), 8 & 10.
- Stein, Larry A. (2011). Assessing your crop: bending limbs and the "pop test". *Pecan South*, 44(9), 6 – 7 & 19.
- Stein, Larry A. (2011). 2012 Texas Pecan Shortcourse coming up Jan. 23 - 27. *Pecan South*, 44(10), 27.
- Stein, Larry A. (2010). Prepare to fertilize. *Pecan South*, 43(1), 10 – 11.
- Stein, Larry A. (2010). The passing of a legend, Dr. J. Benton Storey. *Pecan South*, 43(3), 14 – 17.
- Stein, Larry A. (2010). Native crop looks good in Texas so far. *Pecan South*, 43(5), 10 – 11.
- Stein, Larry A. (2010). Steps to protect your pecans this harvest season. *Pecan South*, 43(9), 8 & 21.
- Stein, Larry & Bob Whitney. (2009). Traditional versus organic. *Pecan South*, 42(1), 14 & 15.
- Stein, Larry A. (2009). Managing pecan freeze damage requires patience. *Pecan South*, 42(3), 11 & 19.
- Stein, Larry A. (2009). Texas native crop good; drought persists. *Pecan South*, 42(5), 8 & 12.
- Stein, Larry A. (2009). Texas rains in time to help nut quality. *Pecan South*, 42(9), 7 & 16 - 17.
- Stein, Larry A. (2008). Texas Natives May Need N, Zinc, Thinning in '08. *Pecan South*, 41(1), 4 & 6.
- Stein, Larry A. (2008). How Much Management for Small Native Crop? *Pecan South*, 41(5), 6-8.
- Peña, Jose G. & Larry Stein. 2008. Coping With Increased Costs for the 08/09 Season. *Pecan South*, 41(5), 6-8.
- Stein, Larry A. (2008). Catch and Release? Not an Option! *Pecan South*, 41(9), 4.
- Stein, Larry A. (2008). Annual Texas Pecan Shortcourse Coming Up In January. *Pecan South*, 41(10), 30.
- Stein, Larry A. (2007). What a difference a year makes! *Pecan South*, 40(5), 8 & 10.
- Stein, Larry A. (2007). Natives not immune from climate, pest problems. *Pecan South*, 40(9), 9 – 10.
- Stein, Larry A. (2006). Pecan Shows Showcase Natives, Cultivars. *Pecan South*, 38(11), 9.
- Stein, Larry A. (2006). Drought Conditions Impact Natives. *Pecan South*, 39(5), 4 & 6.
- Stein, Larry A. (2006). Does IPM Save Your Money. *Pecan South*, 39(9), 4 & 6.
- Stein, Larry A. (2005). What is a Native, Seedling, etc? *Pecan South*, 37(10), 5, 8-9.
- Stein, Larry A. (2005). Pollination, Zinc and Nitrogen *Pecan South*, 38(3), 6 & 9.
- Stein, Larry A. (2005). Limb Loss Not Necessarily Unavoidable. *Pecan South*, 38(8), 9-10.
- Stein, Larry A. (2004). Farewell to Texas Pecan Veterans. *Pecan South*, 37(2), 9-10.
- Stein, Larry A. (2004). Estimating the Texas Native Crop. *Pecan South*, 37(7), 7-10.
- Stein, Larry A. (2003). Rebounding from the Freeze. *Pecan South*, 36(3), 13-14.
- Stein, Larry A. (2003). Freeze Protection? Are There Things Which Would Improve the Chance of a Crop?" *Pecan Grower*, 15(1), 47.
- Stein, Larry A. (2003). Early Harvest Greeted by Wet Weather. *Pecan South*, 36(9), 4 & 7.
- Stein, Larry A. (2002). Native growing seasons are all unique. *Pecan South*, 35(4), 14-16.
- Stein, Larry A. (2002). Tribute to Loy W. Shreve, 1926-2002. *Pecan South*, 35(8), 4 & 7.
- Stein, Larry A. (2001). Can we afford to manage natives? *Pecan South*, 34(4), 6 & 9.
- Stein, Larry A. (2001). Maintain the genetic diversity. *Pecan South*, 34(10), 7 & 23.
- Stein, Larry A. (2001). Down cycle very evident in Texas native crop. *Pecan South*, 33(11), 6.
- Stein, Larry A. (2000). Are your natives a target for lightning? *Pecan South*, 33(6), 4 & 8.
- Stein, Larry A. (2000). Put mental crop notes into permanent records. *Pecan South*, 33(2), 10 & 12.
- Stein, Larry A. (1999). The squirrel on the most-wanted list. *Pecan South*, 32(9), 10 & 12
- Stein, Larry, Kenneth White, Marcel Valdez, Jerry Parsons, & Frank Dainello. (1999). TAEX statewide watermelon trial, *Vegetable Production and Marketing News*, November, 1-3.
- Stein, Larry A. (1998). Why do big native trees die? *Pecan South*, 31(5), 4 & 6.
- Stein, Larry A. (1998). The "picker." *Pecan South* 30(12), 5 & 8.
- Stein, Larry A. (1997). Strength, determination marks of a good thresher. *Pecan South*, 30(8), 5.
- Stein, Larry A. (1997). Make adjustments in heavy crop years. *Pecan South*, 30(4), 4 & 6.
- Stein, Larry A. (1997). Natives can be grown organically. *Pecan South*, 29(12), 4 & 6.

- Stein, Larry A. (1996). Prioritize your native management program. *Pecan South*, 30(4), 8 & 10.
- Stein, Larry A. (1993). Law mandates specific container disposal methods. *Pecan South*, 26(5), 25.
- Stein, Larry A. (1993). Backhoe - new diagnostic tool for pecans? *Pecan South*, 26(5), 13-14.
- Stein, Larry A. (1992). Pecan water management. *Pecan South*, 25(5), 47-48.
- Worthington, J.W., James Laswell, Larry A. Stein, & M.J. McFarland. (1988). Now that you've decided to irrigate, how, how much, when? *Pecan South*, 22(2), 6-14.
- McEachern, George Ray & Larry Stein. (1988). Growing grapes in Texas home gardens. *The Texas Nurseryman*, 19(3), 24-28.
- McEachern, George Ray & Larry A. Stein. (1986). Good management begins prior to tree planting. *Pecan South*, 20(1), 12-17.
- Stein, Larry A. (1985). Stink bugs, proper management can control kernel spots, black pit. *Pecan South*, 19(5), 15-18.
- Stein, Larry & G.R. McEachern. (1983). Pecan shuck disorders. *Pecan Quarterly*, 17(3), 10-14.
- Stein, Larry A. (1980). Maintaining the quality of pecans with storage. *Pecan Quarterly*, 14(4), 12-17.

Popular Press

- Stein, Larry A. (2007). Container citrus. *Neil Sperry's Gardens*, 25(6), 20 – 21.
- Stein, Larry A. (2006). Backyard Fruit Orchards. *Texas Gardener*, 25(2), 22-24.
- Stein, Larry A. (2006). Home Grape Production. *Texas Gardener*, 39(5), 38-40.
- Stein, Larry A. (2006). Growing Strawberries in Containers. *Texas Gardener*, 26(1), 32-33.
- Stein, Larry A. (2004). Master Grafting: Be a T-Bud Pro. *Texas Gardener*, 23(3), 34-37.
- Stein, Larry A. (2004). Growing Citrus in Containers. *Texas Gardener*, 23(4), 37-39.
- Stein, Larry A. (2003). Persimmons for Texas Gardens. *Texas Gardener*, 27(6), 38-40.
- Stein, Larry A. (2003). Growing Great Peaches. *Texas Gardener*, 22(2), 22-25.
- Stein, Larry A. (2002). Chilling requirements of fruit plants. *Texas Gardener*, 21(2), 36-39.
- Stein, Larry A. (2002). Berries for Texas. *Texas Gardener*, 21(3), 16-19.
- Stein, Larry A. (2002). Tree planting; base root vs. container *Texas Gardener*, 21(5), 32-34.
- Stein, Larry A. (2002). Growing fruit for profit. *Texas Gardener*, 21(6), 16-19.
- Stein, Larry A. (2002). Growing trouble free pears. *Texas Gardener*, 22(1), 32-35.
- Stein, Larry A. (2001). Exotic fruit; what's worth trying. *Texas Gardener*, 20(5), 22-25.
- Stein, Larry A. (2001). What's new with grapes. *Texas Gardener*, 20(6), 22-25.
- Stein, Larry A. (2001). Home pecan orchards. *Texas Gardener*, 21(1), 30-33.
- Stein, Larry A. (2000). Strawberries, worthy of the challenge. *Texas Gardener*, 18(6), 19-21.
- Stein, Larry A. (2000). Dwarf fruit - solutions for the home orchard. *Texas Gardener*, 20(1), 15-17.
- Stein, Larry A. (1998). Be prepared, Fruit tree planting tips. *Neil Sperry's Gardens*, 12(1), 40-41.
- Stein, Larry A. (1998). Choosing the best variety. *Neil Sperry's Gardens*, 12(1), 41.
- Stein, Larry A. (1998). The enduring pear. *Neil Sperry's Gardens*, 12(2), 24-25.
- Stein, Larry A. (1998). Harvest tips. *Neil Sperry's Gardens*, 12(3), 40.
- Stein, Larry A. (1998). Why worry about fireblight. *Neil Sperry's Gardens*, 12(3), 40.
- Stein, Larry A. (1998). English walnuts with a Texas accent. *Texas Gardener*, 17(2), 22-25.
- Parsons, Jerry M., Roland E. Roberts & Larry A. Stein, (1997). Tomato and pepper varieties for Texas, The latest word. *Neil Sperry's Gardens*, 11(2), 50-52.
- Stein, Larry A. (1998). Horticulturist offers tips in protecting plants and trees. *Uvalde Leader News*, February 6.
- Stein, Larry A. (1998). Fruit Facts, Winter months bring chilling and call for pruning. *Texas Horticulturist*, 24(8), 1 & 4.
- Stein, Larry A. (1998). Fruit Facts, Pruning should almost be completed. *Texas Horticulturist*, 24(9), 1 & 9.

- Stein, Larry A. (1997). Coaxing young pear trees into earlier production. *Neil Sperry's Gardens*, 11(2),56-57.
- Stein, Larry A. (1997). U-Pick! Plant your own Texas peach tree. *Neil Sperry's Gardens*, 11(3),44-45.
- Stein, Larry A. (1997). Fresh Fruit at your doorstep, a guide to growing fruit in containers. *Neil Sperry's Gardens*, 11(3), 22-24.
- Stein, Larry A. (1997). Lightening the load. *Neil Sperry's Gardens*, 11(4), 20-21.
- Stein, Larry A. (1997). Prune fruit trees all season to maintain and direct growth. *Neil Sperry's Gardens*, 11(5), 14-15.
- Stein, Larry A. (1997). The time is ripe, keys to harvesting peaches, blackberries and apples. *Neil Sperry's Gardens*, 11(6), 32-34.
- Stein, Larry A. (1997). Post-harvest plant care. *Neil Sperry's Gardens*, 11(6), 33.
- Stein, Larry A. (1997). Fall fruit checklist. *Neil Sperry's Gardens*, 11(8), 46-47.
- Stein, Larry A. (1997). Selective leaf pruning keeps grapevines healthy. *Neil Sperry's Gardens*, 11(7), 15.
- Stein, Larry A. (1997). Growing citrus in containers. *Texas Gardener*, 16(6), 40-41.
- Parsons, Jerry, Roland Roberts & Larry Stein, (1997). Quick and easy vegetables. *Neil Sperry's Gardens*, 11(9), 39.
- Stein, Larry A. (1997). Head for the shed. *Neil Sperry's Gardens*, 11(10), 12.
- Stein, Larry A. (1997). The Texas State Treat, harvesting and storing pecans for optimum flavor and nutrition. *Neil Sperry's Gardens*, 11(10), 38-39.
- Stein, Larry A. (1997). Fruit Facts, Managing crop load. *Texas Horticulturist*, 24(7), 1 & 11.
- Stein, Larry A. (1997). Fruit Facts, Getting the knowledge, new orchards. *Texas Horticulturist*, 24(6), 1 & 4.
- Stein, Larry A. (1997). Fruit Facts, Preparing the orchard for next season. *Texas Horticulturist*, 24(7), 4.
- Stein, Larry A. (1997). Fruit Facts, Does your fruit tree need pruning? *Texas Horticulturist*, 24(4), 1 & 9.
- Stein, Larry A. (1997). Fruit Facts, Not vacation time quite yet. *Texas Horticulturist*, 24(3), 1 & 11.
- Stein, Larry A. (1997). Fruit Facts, Maintaining the orchard's summer health. *Texas Horticulturist*, 24(2), 1 & 8.
- Stein, Larry A. (1997). Fruit Facts, Analyzing the new crop ripening in shifts. *Texas Horticulturist*, 24(1),1 & 10.
- Stein, Larry A. (1997). Fruit Facts, A look at orchard management. *Texas Horticulturist*, 23(12), 1 & 9.
- Stein, Larry A. (1997). Fruit Facts, The importance of thinning fruit trees. *Texas Horticulturist*, 23(11), 1 & 4.
- Stein, Larry A. (1997). Fruit Facts, Choosing the correct companion crops. *Texas Horticulturist*, 23(10), 4 & 15
- Stein, Larry A. (1997). Fruit Facts, Analyzing herbicide programs, fertility, pH and scale. *Texas Horticulturist*, 23(9), 1 & 4.
- Stein, Larry A. (1997). Fruit Facts, It takes more than the physical strength. *Texas Horticulturist*, 23(8),1 & 9.
- Stein, Larry A. (1996). Native pecans; A Texas tradition. *Texas Gardener*, 16(1), 22-24.
- Stein, Larry A. (1996). Region by region, Texas most outstanding pecan trees. *Neil Sperry's Gardens*, 10(9), 30-31.
- Stein, Larry A. (1996). Well watered pecan trees yield best quality nuts. *Neil Sperry's Gardens*, 10(7), 16-17.
- Stein, Larry A. (1996). No need to add honeydew to your "honey-do" list. *Neil Sperry's Gardens*, 10(7), 19-17.
- Stein, Larry A. (1996). Precision irrigation yields better harvest. *Texas Gardener*, 15(4), 22-25.
- Stein, Larry A. (1996). Texas peaches . . . they're great! *Neil Sperry's Gardens*, 10(5), 40-43.
- Stein, Larry A. (1996). Grow your own sun-kissed fruit. *Neil Sperry's Gardens*, 10(4), 16-17.

- Stein, Larry A. (1996). Small arbors can yield large harvest. *Neil Sperry's Gardens*, 10(4), 16.
- Stein, Larry A. (1996). Yes, you can grow fruit in a small backyard. *Neil Sperry's Gardens*, 10(4), 17.
- Stein, Larry A. (1996). The how's and why's of pruning grapes. *Neil Sperry's Gardens*, 10(2), 32-34.
- Stein, Larry A. (1996). Blackberries as easy as one-two-three. *Neil Sperry's Gardens*, 10(9), 30-33.
- Stein, Larry A. (1996). Start a graftwood collection. *Neil Sperry's Gardens*, 9(10), 9.
- Stein, Larry A. (1996). The art and science of fruit tree pruning. *Texas Gardener*, 15(1), 38-43.
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McEachern, G.R., L. Stein, N. Roe, & M. Baker. "Pruning peach trees." *Horticulture Update*, January-February 2002.

Stein, Larry A. "Site preparation for fruit tree planting." *Horticulture Update* November/December 2001.

Stein, Larry. "The year in review." *Texas Fruit Grower* 2000: 3(5), 1.

Stein, Larry. "Drought, water and fertilizer." *Texas Fruit Grower* 2000: 3(5), 2-3.

Stein, Larry. "Nutrition management." *Texas Fruit Grower* 2000: 3(4), 1-2.

Stein, Larry. "Water management." *Texas Fruit Grower* 2000: 3(4), 5.

Stein, Larry. "Crop load management." *Texas Fruit Grower* 2000: 3(3), 1-2.

Stein, Larry. "Water management." *Texas Fruit Grower* 2000: 3(2), 3.

McEachern, George Ray, & Larry A. Stein. "Management calendar for Texas." *Lawn and Garden Update* July/August 1999: 2.

Stein, Larry A. "Site preparation for fruit tree planting." *Lawn and Garden Update*, November/December 1999: 3.

Stein, Larry A. "Poor soil solution - container berries." *Texas Gardener* 1999: 18(2), 32-34.

Stein, Larry A. "Drip irrigation, salvation for the gardener." *Lawn and Garden Update* June, 1999: 4-5.

Stein, Larry A. "A tribute to two great pecan men." *Pecan South* 1999: 32(4), 8.

Stein, Larry A. "Making the most of first leaf trees." *Texas Fruit Grower* 1999: 2(1), 2.

Stein, Larry A. "Fertilizer placement and timing." *Texas Fruit Grower*. 1999: 2(2), 1.

Stein, Larry A. "Fruit thinning." *Texas Fruit Grower*. 1999: 2(3), 1-2 & 5.

Stein, Larry A. "Minimal management in 1999." *Texas Fruit Grower* 1999: 2(4), 5.

Stein, Larry A. "Water critical to continued success of crops." *Texas Fruit Grower* 1999: 2(5), 3.

Stein, Larry A. "Summer pruning." *Texas Fruit Grower* 1999: 2(5), 3.

Stein, Larry A. "Maintain tree health." *Texas Fruit Grower* 1999: 2(6), 2.

Stein, Larry A. "The year in review." *Texas Fruit Grower* 1999: 2(7), 1 & 3.

Stein, Larry A. "Farewell 1999 and welcome 2000." *Texas Fruit Grower* 1999: 2(8), 1.

Stein, Larry A. "Tree stress and/or water." *Texas Fruit Grower* 1999: 2(8), 1 & 3.

Web articles

Hancock, B. G., G. R. McEachern, & L. A. Stein. (2000). Whip grafting

<http://aggie-horticulture.tamu.edu/propagation/whipgrafting/index.html>

<http://aggie-horticulture.tamu.edu/extension/propagation/inlay/index.html>

<http://aggie-horticulture.tamu.edu/extension/propagation/fourflap/index.html>

<http://aggiehorticulture.tamu.edu/patiocitrus/index.html>

Video tapes

- Stein, Larry A. & George Ray McEachern. (1995). Pecan planting and training. Texas Agricultural Extension Service, College Station.
- Stein, Larry A., Calvin G. Lyons & Jody W. Worthington. (1990). Starting out right: Training and pruning for top quality peaches. Texas Agricultural Extension Service, College Station.
- Stein, Larry A. & George Ray McEachern. (1989). A blue ribbon harvest: Training and pruning grapes for top quality. Texas Agricultural Extension Service, College Station.
- Stein, Larry A. & George Ray McEachern. (1989). Texas inlay and 4-flap grafting. Texas Agricultural Extension Service, College Station.
- Stein, Larry A. (1988). Grafting and budding tapes with channel 11 in Ft. Worth.
- McEachern, George Ray & Larry A. Stein. (1987). Planting and establishing pecan trees. Texas Agricultural Extension Service, College Station.

Support of Extension Activities

1999 – 2014	grant dollars secured	\$281,656
1989 – 1998	grant dollars secured	\$ 54,553
1993 – 2014	Co-pi or collaborator	\$ 41,107
Total dollars		\$377,316

Support of Extension Activities

Grantor	Year	Amount	
CEMAP	2014	\$1,000.00	Support research plots
ColorSpot Nurseries	2014	\$4,200.00	\$600 per month to support new plant development
Helena Chemical	2014	\$500.00	in kind supplies
Peterson's	2014	\$1,000.00	in kind services
Syngenta	2014	\$5,000.00	Support spinach fungicide work
Texas Pecan Growers	2014	\$750.00	travel funds
Wintergarden Spinach Producers Board	2014	\$9,000.00	Spinach research
CEMAP	2013	\$2,200.00	Support research plots
DuPont	2013	\$2,500.00	Support spinach fungicide work
Helena Chemical	2013	\$500.00	in kind supplies
Peterson's	2013	\$1,000.00	in kind services
State wide watermelon	2013	\$2,000.00	Variety trials
Syngenta	2013	\$6,000.00	Spinach fungicide work
Texas Pecan Growers	2013	\$750.00	travel funds
Wax	2013	\$4,000.00	Southern pea trial
Wintergarden Spinach Producers Board	2013	\$10,000.00	Support spinach research
BASF	2012	\$5,000.00	Spinach fungicide work
CEMAP	2012	\$2,200.00	Support research plots

Helena Chemical	2012	\$818.38	Spinach fungicide work
Peterson's	2012	\$1,000.00	in kind services
State wide watermelon	2012	\$2,000.00	Variety trials
Syngenta	2012	\$2,500.00	Spinach fungicide work
Texas Pecan Growers	2012	\$750.00	travel funds
Wintergarden Spinach Producers Board	2012	\$10,000.00	Support spinach research
BASF	2011	\$5,000.00	Spinach fungicide work
CEMAP	2011	\$2,200.00	Support research trials
DuPont	2011	\$4,000.00	Spinach fungicide work
FMC Corp	2011	\$3,000.00	Spinach fungicide work
Helena Chemical	2011	\$1,500.00	Spinach fungicide work
Peterson's	2011	\$1,000.00	in kind services
State wide watermelon	2011	\$2,000.00	Variety trials
Texas Pecan Growers	2011	\$750.00	travel funds
Wintergarden Spinach Producers Board	2011	\$10,000.00	Support spinach research
CEMAP	2010	\$2,200.00	Support research plots
Gowan	2010	\$4,500.00	Support spinach fungicide work
Peterson Brother's	2010	\$1,000.00	in kind services
State wide watermelon	2010	2022.66	Variety trials
Syngenta	2010	\$7,500.00	Spinach fungicide work
Texas Pecan Growers Association	2010	\$750.00	travel funds
Valent	2010	\$1,000.00	Support spinach fungicide work
Wintergarden Spinach Producers Board	2010	\$6,000.00	Support spinach research
CEMAP	2009	\$2,000.00	Support research plots
Peterson Brother's	2009	\$1,000.00	in kind services
Statewide watermelon	2009	\$2,000.00	Variety trials
Syngenta	2009	\$2,500.00	Spinach fungicide work
Texas Pecan Growers Association	2009	\$750.00	travel funds
Valent	2009	\$4,000.00	Spinach fungicide work
Wintergarden Spinach Producers Board	2009	\$6,000.00	Support spinach research
Agraquest	2008	\$1,200.00	Support spinach research
Bayer Crop Sciences	2008	\$1,000.00	Support spinach research
CEMAP	2008	\$1,000.00	Support research plots
Peterson Brother's	2008	\$1,000.00	in kind services
Syngenta	2008	\$2,500.00	Support spinach research
Texas Pecan Growers Association	2008	\$750.00	travel funds
Valent	2008	\$3,000.00	Support spinach research

Valent	2008	\$4,000.00	Support spinach research
Wharton County	2008	\$68.66	travel funds
Wintergarden Spinach Producers Board	2008	\$6,000.00	Support spinach research
Agra Quest	2007	\$1,200.00	Support spinach research
Agriliance	2007	\$1,200.00	Support spinach research
Wintergarden Spinach Producers Board	2007	\$7,000.00	Support spinach research
BASF	2006	\$8,000.00	Support spinach research
Texas Ornamental Enhanced Endowment	2006	\$3,000.00	Support variety trials
Wintergarden Spinach Producers Board	2006	\$7,000.00	Support spinach research
AMS and Agriliance	2005	\$1,200.00	Support pecan research
BASF	2005	\$1,200.00	Support pecan research
Gowan	2005	\$4,167.00	Support pecan research
Texas Ornamental Enhanced Endowment	2005	\$4,000.00	Support bluebonnet work
Wintergarden Spinach Producers Board	2005	\$6,500.00	Support spinach research
BASF	2004	\$2,000.00	Support spinach research
Gowan	2004	\$2,500.00	Support pecan research
Texas Pecan Growers Association	2004	\$750.00	travel funds
Watermelon	2004	\$2,000.00	Variety trials
Frio Valley Farms	2003	\$499.00	water research
Gowan	2003	\$2,500.00	Support pecan research
Texas Ornamental Enhanced Endowment	2003	\$6,000.00	Support bluebonnet work
Texas Pecan Growers Association	2003	\$950.00	travel funds
ColorSpot Nurseries	2002	\$500.00	Support satsuma research
State wide watermelon	2002	\$2,000.00	Variety trials
Texas Pecan Growers Association	2002	\$750.00	travel funds
CEMAP	2001	\$1,000.00	Support research trials
Spinach Board	2001	\$4,000.00	Spinach research
Syngenta	2001	\$3,500.00	Pecan research
TPGA	2001	\$2,000.00	Pecan research
Hi-Tech	2000	\$27,000.00	Drip Trailer
Syngenta	2000	\$1,900.00	Support pecan research
Novartis	1999	\$2,000.00	support pecan aphid control
Robert Muller	1999	\$200.00	support pecan research
Texas Pecan Growers Association	1999	\$2,750.00	support travel and pecan research

Wintergarden Spinach Producers Board	1999	\$3,780.00	support spinach fertility work
Zeneca Ag Products	1999	\$1,000.00	support pecan herbicide and fungicide work
Novartis	1998	\$2,000.00	Evaluate new products for control of aphids in pecans
Texas Pecan Growers Association	1998	\$2,750.00	Support pecan crop load management
Webb Co. Pecan Growers	1998	\$300.00	Support pecan research
Gardenville (cedar mulch)	1997	\$500.00	Cold protection for satsuma planting on station
Gowan	1997	\$2,000.00	Support pecan research using Imidan to control hickory shuckworm
Texas Apple Growers Association	1997	\$500.00	Support research to identify potential cotton root rot resistant rootstocks
Texas Pecan Growers Association	1997	\$5,760.00	Support pecan thinning research
Various seed companies	1997	\$1,000.00	Support statewide melon testing
Wintergarden Spinach Producers Board	1997	\$3,780.00	Support spinach fertility work
Womack's Nursery (peach trees)	1997	\$100.00	Support research on high pH soils
Zeneca Ag Products	1997	\$1,000.00	Support research using a new pecan fungicide, Abound
Burchell Nursery (30 Hansen rootstock trees)	1996	\$240.00	Test tree efficacy against high pH soils
Gardenville (cedar mulch)	1996	\$400.00	Cold protection for satsuma planting on station
Gardenville (wood mulch)	1996	\$300.00	Support satsuma and pinjon pine planting on station
Gowan	1996	\$1,500.00	Support pecan research using Imidan to control pecan nut casebearer
Legacy Trust	1996	\$1,250.00	Support research on Hawthorn as a potential cotton root rot resistant root stock
Lone Star Growers (Sour orange rootstock)	1996	\$50.00	Support cold hardy citrus trial on station
Peterson's Brothers (Root & grow citrus on own roots)	1996	\$500.00	Support cold hardy citrus trial on station
Robert Muller	1996	\$200.00	Support pecan research
Texas Pecan Growers Association	1996	\$2,800.00	Support sub-surface drip irrigation on pecans
Wintergarden Spinach Producers Board	1996	\$3,780.00	Support spinach fertility work
Womack Nursery (5 Mt Airy peach trees)	1996	\$40.00	Test tree efficacy against high pH soils
Agr. Evo (Rely herbicide 2½ gallons)	1995	\$125.00	Support sucker removal of walnut trees
Dow Elanco	1995	\$4,000.00	Evaluate the continued efficacy of Lorsban against hickory shuckworm

Gowan	1995	\$1,000.00	Evaluate the efficacy of Imidan against hickory shuckworm
Gowan (case of Imidan)	1995	\$248.00	Support pecan nut casebearer control demonstration
Maxijet (60 Tree & ground sprinklers)	1995	\$180.00	Support satsuma variety trial on station
TPGA	1995	\$700.00	Support pecan result demonstration work
Agridyne	1994	\$1,000.00	Evaluate the efficacy of Align against pecan nut casebearer
Agridyne	1994	\$1,200.00	Evaluate the efficacy of Align against hickory shuckworm
Ciba Plant Protection (160 oz Orbit)	1994	\$400.00	Evaluate the effect of Orbit on pecan leaf scorch
Dow Elanco	1994	\$3,000.00	Evaluate the effectiveness of Lorsban at controlling hickory shuckworm
Robert Muller	1994	\$300.00	Unrestricted cash gift to support pecan research
W. R. Grace Co.	1994	\$1,000.00	Evaluate the efficacy of Neemix against hickory shuckworm
W. R. Grace Co.	1994	\$1,200.00	Evaluate the efficacy of Neemix against hickory shuckworm
Agridyne	1993	\$1,200.00	Evaluate the efficacy of Align against yellow pecan aphids and hickory shuckworm
TAEX mini-grant	1991	\$3,000.00	Table grape production techniques and fact sheet
TAEX mini-grant	1991	\$3,000.00	Develop pecan weevil control program in cooperation with Jesse Cocke and Allen Knutson

Support of Extension Activities as a Cooperator

Cooperator/ Co-Pi/Collaborator	Year	Amount	With	Stein portion
Cooperator	1997-1998	\$5,000.00	Seco Creek	to demonstrate water conservation techniques \$1,000
Cooperator	1997-1998	\$10,000.00	Soil & Water conservation	to further refine rainfall capture and water conservation \$4,000
Cooperator	1993-1995	\$25,000.00	Texas water development board	to demonstrate water conservation techniques and sound irrigation methods \$5,000
Cooperator	1994	\$5,000.00	TAEX	to demonstrate water conservation \$2,500
Collaborator	2013 - 2014	\$158,347.00	Walmart Foundation	Texas strawberry initiative \$1,155

Co-Pi	2014-2015	\$92,267.00	Walmart Foundation	Texas strawberry initiative	\$2,450	
Co-Pi	2014-2015	\$132,300.00	TDA	Growth and sustainability of olives	\$21,952	
Co-Pi	2012 - 2013	\$30,500.00	TDA	Cotton root rot pecan screening nursery	\$850	
Co-Pi	2013 - 2014	\$34,000.00	TDA	Cotton root rot pecan screening nursery	\$1,200	
Co-Pi	2014 - 2015	\$31,500.00	TDA	Cotton root rot pecan screening nursery	\$1,000	
Co-Pi	2015 - 2016	\$132,300.00	TDA	Growth and sustainability of olives	\$25,235	Submitted
Pi	2015-2016	\$64,923.00	TDA	Cotton root rot pecan screening nursery	\$33,923	Submitted

Awards

State Specialist Award, TCAAA, 2015.

Superior Service Award, Texas Cooperative Extension, 2004.

Team Superior Service Award, Texas Cooperative Extension, 2003.

Directors Award for innovation application of information technology in Extension Education, 2001.

Dr. John Lipe Distinguished Award from the Texas Fruit Growers Association, 2000.

Sigma Phi State Mid-Career award; Agriculture Program conference, 1999.

SR-ASHS Award for the 1997 Pecan Handbook, February 1998.

Deputy Chancellor Team Award, TAMU Ag. Program, January 1998.

Extension Education materials award from the Extension Division of ASHS 1997.

Team Superior Service Award, Texas Agricultural Extension Service, 1997.

T.V. Munson Award from the Texas Wine and Grape Growers Association, 1993.

SR-ASHS Award for Home Nut Production, February 1992.

SR-ASHS Award for Specialty Vegetables, February 1990.

SR-ASHS Award for Texas Pecan Profitability Handbook, February 1991.

John E. Hutchison Extension Award, SR-ASHS, February 1990.

Committee Assignments

Graduate Faculty – Texas A & M University, 2015.

Departmental P & T committee, 1998 to present.

Uvalde Extension Plant Pathologist search committee, 2014 -2015.

Review committee for Mark Black Emeritus status, 2014-2015.

Program committee for the 25th anniversary celebration for the Uvalde center – 1998.

ACT (agricultural clientele team) vegetable committee, 1997 – 2000.

Coordinated Extension Marketing Assistance Program (CEMAP), 1997 – present.

TAEX drought management committee horticulture representative, 1996 – present.

PD working group on grapes, 1996 – 2001.

NC – 140 rootstock cooperator and coordinator for Texas, 1996 -2007.

Member of the search committee for the Head, Department of Horticultural Sciences, 1994.

TAEX Specialists Association Director for District 8, 1990 – 1992.

Stephenville Extension Horticulturist position search committee, 1994.

Water use efficiency in agriculture initiative team member, 1990 – 1994.
TPGA pecan show and grading demonstration committee, 1982 – 2012.
TFGA Spring Field Day Coordinator, 1990.
TPGA Research and Extension committee, 1985 – present.

Graduate Committee member

M.S. Bryan Roth, Texas A & M University.
PhD. Hector M. Escamilla-Santana, Texas A & M University.

Graduate Course

Team taught Ag. Ed. 519, Workshop in Ag Education at Tarleton State University. 1990.

Professional Development

Advisor to the Texas Pecan Growers Association Board, 2013 to present.
Texas Pecan Growers Association, 1979 to present.
National Pecan Scientists.
State Pecan Show committee, 1985 to present.
CEMAP (Coordinated Extension marketing assistance program) Executive Board.
Program Chair; International Spinach conference, 2000, 2004, 2008, 2012, and 2016.
Superintendent of the State Pecan Show – 2001 to 2012.
Noga Tech, Monterrey Tech University, Torreon, Mexico.
HortTechnology reviewer , 1999 & 2000.
Superior Service Award Selection committee, 2001 – 2004.
NC – 140 Peach Rootstock Coordinator for Texas, 2001– 2007.
National Plastics Conference, San Antonio, Texas, 2007.
Co-chairman of Extension Horticulture planning and strategy committee, 2003.
Southern Region – American Society for Horticultural Science, 1981 – 2001.
American Society for Horticultural Science, 1981 – 2000.
International Spinach Conference, 2000 – present.

Last 5/12/15