

Refereed Journal Articles at Vernon – By Year (1974-Present)

1974

Bordovsky, D.G., W.R. Jordan, E.A. Hiler and T.A. Howell. 1974. Choice of irrigation timing indicator for narrow row cotton. *Agronomy Journal* 66:88-91.

Gerard, C.J. 1974. Influence of antecedent soil moisture suction on saturated hydraulic conductivity of soils. *Soil Science Society of America Proceedings* 38:506-509.

1975

Eck, H.V., W.G. McCully, and J. Stubbiendieck. 1975. Response of shortgrass plains vegetation to clipping, precipitation, and soil water. *Journal of Range Management* 28: 194-197.

Rogers, C.E., and J.C. Garrison. 1975. Seed destruction in *Indigobush amorphia* by a seed beetle. *Journal of Range Management* 28: 241-242.

Rogers, C.E., W.E. Clark, and H.R. Burke. 1975. Bionomics of *Sibinia sulcatula* (Coleoptera: Curculionidea) on mesquite in Texas. *The Southwestern Naturalist* 20: 303-314.

Stafford, R.E. and C.R. Lewis. 1975. Natural crossing in guar, *Cyamopsis tetragonoloba* (L.) Faub. *Crop Science* 15:876-877.

1976

Rogers, C.E. and R.E. Stafford. 1976. Budding phenology of guar in the Rolling Plains of Texas. *Agronomy Journal* 68:496-499.

Stafford, R.E., J.I. Kinman, L.E. Brooks and C.R. Lewis. 1976. Registration of crop cultivars. *Crop Science* 6(2):309.

Stafford, R.E., J.S. Kirby, M.L. Kinman and C.R. Lewis. 1976. Registration of Kinman and Esser guar. *Crop Science* 16(20):310.

Stubbiendieck, J., and W.G. McCully. 1976. Effect of temperature and photoperiod on germination and survival of sand bluestem. *Journal of Range Management* 29: 206-208.

1977

Rogers, C.E. 1977. Hosts and parasitoids of the Cecidomyiidae (Diptera) in the Rolling Plains of Texas. *Journal of the Kansas Entomological Society* 50: 179-186.

Rogers, C.E., and N.V. Horner. 1977. Spiders of guar in Texas and Oklahoma. *Environmental Entomology* 6: 523-524.

Wiedemann, H.T., B.T. Cross, and C.E. Fisher. 1977. Low-energy grubber for controlling brush. *Trans. of the Amer. Soc. Agric. Eng.* 20 (1):210-213.

1978

Gerard, C.J. 1978. Root growth along plexiglas surfaces by sugarcane under different soil salinity conditions. *Agronomy Journal* 70:639-643.

Scifres, C.J., J.L. Mutz, and C.H. Meadors. 1978. Response of range vegetation to grid placement and aerial application of karbutilate. *Weed Science* 26: 139-144.

Slosser, J.E. 1978. Influence of planting date on boll weevil management. *Southwestern Entomologist* 3(3): 241-246.

Slosser, J.E., J.R. Phillips, and G.A. Herzog. 1978. Bollworm damage and population development in relation to phenology of the cotton plant. *Environmental Entomology* 7(1): 144-148.

Slosser, J.E., and C.E. Rogers. 1978. A sequential sampling plan for midges (Diptera: Cecidomyiidae) infesting buds of guar. *Journal of the Kansas Entomological Society* 51(3): 499-503.

1979

Heitschmidt, R. K. 1979. Relative annual broomweed abundance as related to selected climatic factors. *Journal of Range Management* 32:401-403.

Johnson, D.A., and R.D. Wilcoxson. 1979. Inheritance of slow rusting of barley infected with *Puccinia hordei* and selection of latent period and number of uredia. *Phytopathology* 69: 145-151.

Kartchner, R.J., and L. R. Rittenhouse. 1979. A feces-urine separator for making total fecal collections from the female bovine. *Journal of Range Management* 32: 404-405.

Kartchner, R.J., L. R. Rittenhouse, and R. J. Raleigh. 1979. Forage and animal management implications of spring and fall calving. *Journal of Animal Science* 48: 425-429.

Kingston, B.D., and L.M. Pike. 1979. Internal fruit structure of warty and non-warty cucumbers (*Cucumis sativus* L.). *HortScience* 14: 544-546.

Sands, R., E.L. Greacen and C.J. Gerard. 1979. Compaction of sandy soils in radiata pine forests. I. A penetrometer study. *Australian Journal of Soil Research* 17:101-113.

Wellik, M.J., J.E. Slosser, and R.D. Kirby. 1979. Evaluation of procedures for sampling *Heliothis zea* and *Keiferia lycopersicella* on tomatoes. *Journal of Economic Entomology* 72(5): 777-780.

Wiedemann, H.T., J.H. Brock, C.E. Fisher and B.T. Cross. 1979. Seed metering and placement devices for rangeland seeder. *Trans. of the Amer. Soc. Agric. Eng.* 22:972-977.

Wiedemann, H.T., J.E. Slosser, and B.T. Cross. 1979. Tree uprooting with a low-energy grubber for shelterbelt thinning. *Trans. of the Amer. Soc. Agric. Eng.* 22(6):1275-1278.

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Gerard, C.J. 1980. Emergence force by cotton seedlings. *Agronomy Journal* 72:473-476.

Slosser, J.E. 1980. Irrigation timing for bollworm management in cotton. *Journal of Economic Entomology* 73(2): 346-349.

Slosser, J.E., and E.P. Boring, III. 1980. Shelterbelts and boll weevils: a control strategy based on management of overwintering habit. *Environmental Entomology* 9(1):1-6.

1981

Jacoby, P.W., C.H. Meadors and M.A. Foster. 1981. Control of honey mesquite (*Prosopis juliflora* var. *glandulosa*) with 3,6-dichloropicolinic acid. *Weed Science* 29:376-378.

Johnson, A.B., F.N. Owens, K.L. Mizwicki, and B.R. Wilson. 1981. Abomasal nutrient infusion of steers fed weathered prairie hay. *Journal of Animal Science* 53: 1401-1405.

Kirby, R.D., and J.E. Slosser. 1981. A sequential sampling plan for three Lepidopterous pests of cabbage. *Southwestern Entomologist* 6(3): 195-200.

Meinke, L.J., and J.E. Slosser. 1981. Boll weevil parasite surveys in the northern Texas Rolling Plains. *Journal of Economic Entomology* 74(5): 506-509.

Slosser, J.E. 1981. Cultural control of the boll weevil: influence of bed shape. *Journal of Economic Entomology* 74(5): 561-565.

Stafford, R.E. and C.R. Lewis. 1981. Registration of five guar germplasm lines. *Crop Science* 21:147-148.

Wellik, M.J., J.E. Slosser, and R.D. Kirby. 1981. Effects of simulated insect defoliation on potatoes. *American Potato Journal* 58: 627-632.

Wiedemann, H.T. and B.T. Cross. 1981. Low-energy grubbing for control of junipers. *Journal of Range Management* 34:235-237.

Wiedemann, H.T. and B.T. Cross. 1981. Rangeland seeder development using semi-circular seedbox and auger agitator seed metering concept. *Journal of Range Management* 34:340-342.

1982

Allison, C.D., M.M. Kothmann, and L.R. Rittenhouse. 1982. Efficiency of forage harvest by grazing cattle. *Journal of Range Management* 35: 351-354.

Gerard, C.J., P.D. Sexton and G. Shaw. 1982. Physical factors influencing soil strength and root growth. *Agronomy Journal* 74:875-879.

Heitschmidt, R. K. 1982. Diurnal variation in weight and rates of shrink of range cows and calves. *Journal of Range Management* 35:717-720.

Heitschmidt, R. K., Frasure J. R., Price, D. L., and Rittenhouse, L. R. 1982. Short duration grazing at the Texas Experimental Ranch: Weight gains of growing heifers. *Journal of Range Management* 35:375-379.

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Jacoby, P.W. and C.H. Meadors. 1982. Control of sand shinnery oak (*Quercus havardii*) with pelleted picloram and tebuthiuron. *Weed Science* 30:594-597.

Jacoby, P.W., C.H. Meadors, M.A. Foster and F.S. Hartmann. 1982. Honey mesquite control and forage response in Crane County, TX. *Journal of Range Management* 35:424-426.

Jacoby, P.W., D.N. Ueckert and F.S. Hartmann. 1982. Control of creosotebush (*Larrea tridentata*) with pelleted tebuthiuron. *Weed Science* 30:307-310.

Johnson, A.B., F.N. Owens, and K.L. Mizwicki. 1982. Abomasal protein infusions for growing steers fed corn grain rations. *Journal of Animal Science* 54: 189-195.

Loehle, C., and L. R.Rittenhouse. 1982. An analysis of forage preference indices. *Journal of Range Management* 35: 316-319.

Meinke, L.J., and J.E. Slosser. 1982. Fall mortality of the boll weevil in fallen cotton squares, with emphasis on parasite-induced mortality. *Environmental Entomology* 11(2): 318-323.

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Sexton, P.D., and C.J. Gerard. 1982. Emergence force of cotton seedlings as influenced by salinity. *Agronomy Journal* 74:699-702.

Stafford, R.E. 1982. Yield stability of guar breeding lines and cultivars. *Crop Science* 22:1009-1011.

Stafford, R.E. 1982. Effect of honeybees on crossing percentage and pod-set in guar. *Crop Science* 22:1049-1051.

Whitson, R. E., Heitschmidt, R. K., Kothmann, M. M., and Lundgren, G. K. 1982. The impact of grazing systems on the magnitude and stability of ranch income in the Rolling Plains of Texas. *Journal of Range Management* 35:526-532.

Wiedemann, H.T., and B.T. Cross. 1982. Draft of disk-chains for rangeland seedbed preparation. *Trans. of the Amer. Soc. Agric. Eng.* 25:74-76, 78.

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Cross, B.T. and H.T. Wiedemann. 1983. Low-energy grubbing with special blade to control algerita. *Journal of Range Management* 36:601-603.

Jacoby, P.W. and C.H. Meadors. 1983. Triclopyr for control of honey mesquite (*Prosopis juliflora* var. *glandulosa*). *Weed Science* 31:681-685.

Jacoby, P.W., J.E. Slosser, and C.H. Meadors. 1983. Vegetational responses following control

of sand shinnery oak with tebuthiuron. *Journal of Range Management* 36(4): 510-512.

Puterka, G.J., and J.E. Slosser. 1983. Inducing oviparae and males of biotype C greenbugs, *Schizaphis graminum* (Rond.). *Southwestern Entomologist* 8(4): 268-272.

Slosser, J.E. 1983. Potential of *Heliothis* spp. (Lepidoptera: Noctuidae)-resistant cottons in limited-irrigation situations. *Journal of Economic Entomology* 76(4): 864-868.

Stafford, R.E., D.T. Ray, D.L. Johnson, and R.K. Thompson. 1983. Five guar germplasm lines. *Crop Science* 23:808.

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Foster, M.A., C.J. Scifres and P.W. Jacoby. 1984. Herbaceous vegetation - lotebush interactions in North Texas. *Journal of Range Management* 37:317-320.

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Gerard, C.J., P.D. Sexton and D.M. Conover. 1984. Effect furrow diking, subsoiling and slope position on crop yields. *Agronomy Journal* 76:945-950.

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Kirby, R.D., and J.E. Slosser. 1984. Composite economic threshold for three Lepidopterous pests of cabbage. *Journal of Economic Entomology* 77(3): 725-733.

Nicholson, W.F., Jr., J.R. Phillips, J.L. Bernhardt, D.B. Marx, and J.E. Slosser. 1984. Sampling in an area-wide bollworm management community, pp. 17-21. In: *Sampling Insects and Fruit in Cotton*. *Southwestern Entomologist Suppl. No. 6*.

Slosser, J.E., R.J. Fewin, J.R. Price, L.J. Meinke, and J.R. Bryson. 1984. Potential of shelterbelt management for boll weevil (Coleoptera: Curculionidae) control in the Texas Rolling Plains. *Journal of Economic Entomology* 77(2): 377-385.

Slosser, J.E., J.R. Price and P.W. Jacoby. 1984. Effect of two shinnery oak habitats on winter

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Cross, B.T., and H.T. Wiedemann. 1985. Grubbing for control of blackbrush acacia (*Acacia rigidula*) invading rootplowed rangeland. *Weed Science* 33:263-266.

Heitschmidt, R. K., and Schultz, R. D. 1985. Effects of drought on a grassland in the northern Rolling Plains of Texas. *The Southwestern Naturalist* 30:319-320.

Huffman, A.H., and P.W. Jacoby. 1985. A tool for sampling flat jointed *Opuntia*. *Journal of Range Management* 39: 94.

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Price, D. L., Heitschmidt, R. K., Dowhower, S. A., and Frasure, J. R. 1985. Rangeland vegetation response following control of brownsapine pricklypear (*Opuntia phaeacantha*) with herbicide. *Weed Science* 33:630-633.

Price, J.R., J.E. Slosser, and G.J. Puterka. 1985. Factors affecting survival of boll weevils in winter habitat in the Texas Rolling Plains. *Southwestern Entomologist* 10(1): 1-6.

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Stafford, R.E. and D.T. Ray. 1985. Registration of Lewis guar. *Crop Science* 25:365.

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Wiedemann, H.T. and B.T. Cross. 1985. Influence of pulling configuration on draft of disk-chains. *Trans. of the Amer. Soc. Agric. Eng.* 28:79-82.

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