

Harold T. Wiedemann - Refereed Journal Articles at Vernon

1. 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.
2. 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.
3. 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.
4. Wiedemann, H.T., and B.T. Cross. 1981. Low-energy grubbing for control of junipers. *Journal of Range Management* 34:235-237.
5. 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.
6. 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.
7. Cross, B.T., and H.T. Wiedemann. 1983. Low-energy grubbing with special blade to control algerita. *Journal of Range Management* 36:601-603.
8. Wiedemann, H.T., and B.T. Cross. 1983. Microprocessor with memory chip for data acquisition on mobile equipment. *Agricultural Engineering* 64: 7-8, 11.
9. Cross, B.T., and H.T. Wiedemann. 1985. Grubbing for control of blackbrush acacia (*Acacia rigidula*) invading rootplowed rangeland. *Weed Science* 33:263-266.
10. Wiedemann, H.T. 1985. To restore rangelands. *Agricultural Engineering* 66:8-10.
11. 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.
12. Wiedemann, H.T., and B.T. Cross. 1985. Multi-method plot seeder for rangeland field experiments. *Trans. of the Amer. Soc. Agric. Eng.* 28:439-440.
13. Wiedemann, H.T., and B.T. Cross. 1987. Influence of operating mass on disk-chain performance. *Trans. of the Amer. Soc. Agric. Eng.* 30:1637-1640.
14. Wiedemann, H.T., and B.A. Smallacombe. 1989. Chain diker--a new tool to reduce runoff. *Agricultural Engineering* 70(5): 12-15.
15. Clark, L.E., H.T. Wiedemann, C.J. Gerard, and J.R. Martin. 1991. A reduced tillage system with furrow diking for cotton production. *Trans. of the Amer. Soc. Agric. Eng.* 34:1597-

1603.

16. Wiedemann, H.T., D.N. Bowman, and W.A. McCollum. 1992. Tree sensing spray boom for rangeland. *Trans. of the Amer. Soc. Agric. Eng.* 35:429-434.
17. Wiedemann, H.T., and B.T. Cross. 1994. Chain diker and power requirements. *Trans. of the Amer. Soc. Agric. Eng.* 37:389-393.
18. Wiedemann, H. T., and L.E. Clark. 1996. Chain diking effects on runoff and winter wheat production. *Agronomy Journal* 88: 541-544.
19. Wiedemann, H. T., and B. T. Cross. 1996. Draft requirements to fell junipers. *Journal of Range Management* 49: 174-178.
20. Cross, B.T., and H.T. Wiedemann. 1997. Control of catclaw acacia and mimosa by grubbing. *Applied Engineering in Agriculture* 13: 407-410.
21. Holmes, S. P., J. E. Slosser, T. R. Moore, H. T. Wiedemann, and D. E. Bay. 1998. Chaining as a control method for *Tabanus abactor* in the Texas Rolling Plains. *Southwestern Entomologist* 23: 283-284.
22. Kelly, P.J., and H.T. Wiedemann. 1999. An improved distribution system for chaffy seeded grasses. *Australian Journal of Experimental Agriculture* 39(3): 317-324.
23. Wiedemann, H.T., and B.T. Cross. 2000. Disk chain effects on seeded grass establishment. *Journal of Range Management* 53: 62-67.
24. Wiedemann, H.T., and B.T. Cross. 2001. Chain diker effects on seeded grass establishment following disk chaining. *Journal of Range Management* 54: 138-143.
25. Wiedemann, H.T., and P.J. Kelly. 2001. Turpentine (*Eremophila sturtii*) control by mechanical uprooting. *Rangeland Journal* 23: 173-181.
26. Wiedemann, H.T., D.N. Ueckert, and W.A. McGinty. 2002. Spray boom for sensing and selectively spraying small mesquite on highway rights-of-way. *Applied Engineering in Agriculture* 18: 661-666.
27. Wiedemann, H.T, J.E. Slosser, and R.J. Ansley. 2005. *Tabanus abactor* Philip responses to chaining and burning redberry juniper stands. *Southwestern Entomologist* 30: 203-214.
28. Ansley, R.J., H.T. Wiedemann, M.J. Castellano, and J.E. Slosser. 2006. Herbaceous restoration of juniper-dominated grasslands with chaining and fire. *Rangeland Ecology and Management* 59: 171-178.