

REFERENCES

- Allmaras, R.R., R.E. Burwell, W.E. Larson, and R.F. Holt. 1966. Total porosity and random roughness of the interrow zone as influenced by tillage. USDA Conser. Res. Rep. 7.
- Bagnold, R.A. 1943. The physics of blown sand and desert dunes. London: Meghuen.
- Bilbro, J.D., and D.W. Fryrear. 1994. Wind erosion losses as related to plant silhouette and soil cover. *Agron. J.* 86(3):550-553.
- Brown, L.C., and G.R. Foster. 1987. Storm erosivity using idealized intensity distributions. *Trans. ASAE.* 30(2):379-386.
- Chepil, W.S. 1944. Utilization of crop residues for wind erosion control. *Sci. Agr.* 24:307-319.
- Chepil, W.S. 1945. Dynamics of wind erosion: IV The translocating and abrasive action of the wind. *Soil Sci.* 61:167-177.
- Chepil, W.S. 1956. Influence of moisture on erodibility of soil by wind. *Soil Sci. Soc. Am. Proc.* 20:288-292.
- Chepil, W.S. 1957. Width of field strips to control wind erosion. *Kan. Ag. Exp. Sta. Tech. Bull.* 92. p.16.
- Chepil, W.S. 1962. A compact rotary sieve and the importance of dry sieving in physical soil analysis. *Soil Sci. Soc. Am. Proc.* 26(1):4-6.
- Chepil, W.S., and N.P. Woodruff. 1954. Estimations of wind erodibility of field surfaces. *J. Soil Water Conserv.* 9:257-265, 285.
- Dickson, R.R., and J. Posey. 1967. Maps of snow-cover probability for the Northern Hemisphere. *Monthly Weather Review* 95:347-353.
- Elliot, D.L. 1979. Adjustments and analysis of data for regional wind energy assessments. In Proc. Workshop on Wind Climate, Asheville, NC. 12-13 November.
- Englehorn, C.L., A.W. Zingg, and N.P. Woodruff. 1952. The effect of plant residue cover and clod structure on soil losses by wind. *Soil Sci. Soc. Am. Proc.* 16:29-33.
- Fryrear, D.W. 1984. Soil ridges-clods and wind erosion. *Trans. ASAE* 27(2):445-448.
- Fryrear, D.W., and D.V. Armbrust. 1968. Wind erosion control with cotton gin trash. TAES Consolidated Progress Report 2621. November 1968, pp. 12-13.
- Fryrear, D.W., and A. Saleh. 1993. Field wind erosion: Vertical distribution. *Soil Sci.* 155(4):294-300.
- Fryrear, D.W., and A. Saleh. 1996. Wind erosion: Field length. *Soil Sci.* 161(6):398-404.
- Fryrear, D.W., C.A. Krammes, D.L. Williamson, and T.M. Zobeck. 1994. Computing the wind erodible fraction of soils. *J. Soil Water Conserv.* 49(2):183-188.
- Fryrear, D.W., J.E. Stout, L.J. Hagen, and E.D. Vories. 1991. Wind erosion: Field measurement and analysis. *Trans. ASAE* 34(1):155-160.

Greeley, R., and J.D. Iverson. 1985. Wind as a geological process on Earth, Mars, Venus, and Titan. Cambridge Univ. Press, Cambridge.

Gregory, J.M., and J. Borrelli. 1986. Physical concepts for modeling soil erosion by wind. *In Proc. ASAE Southwest Regional Meeting*, Baton Rouge, LA. April 3, 1986. ASAE Paper SWR-86-002.

Hagen, L.J., and D.V. Armbrust. 1994. Plant Canopy effects on wind erosion saltation. *Trans. ASAE* 37(2):461-465.

Hagen, L.J., E.L. Skidmore, and A. Saleh. 1992. Wind erosion: Prediction of aggregate abrasion coefficients. *Trans. ASAE*. 35(6):1847-1850.

Laflen, J.M., M. Amemiya, and E.A. Hintz. 1981. Measuring crop residue cover. *J. Soil Water Conserv.* 36(6):341-343.

Nelson, R.G., L.E. Wagner, and K. Stueve. 1993. Mass reduction of standing and flat crop residues by selected tillage implements. *In Proc. ASAE Winter Meeting*, Chicago, IL Dec. 14-17. Paper No. 932539.

Nickling, W.G. 1978. Eolian sediment transport during dust storms: Slims River Valley, Yukon Territory. *Can. J. Earth Sci.* 15:1069-1084.

Nicks, A.D. and L.J. Lane. 1989. Weather generator. p. 2.1-2.19 *In L.J. Lane and M.A. Nearing (eds.) USDA water erosion prediction project: Hill slope profile model documentation*. NSERL Report No. 2. USDA-ARS, National Soil Erosion Research Laboratory, West Lafayette, IN.

Potter, K.N., T.M. Zobeck, and L.J. Hagen. 1990. A microrelief index to estimate soil erodibility by wind. *Trans. ASAE* 33(1): 151-155.

Queney, P. 1948. The problem of air flow over mountains: A summary of theoretical studies. *Bull. Amer. Meter. Society* 29:16-25.

Saleh, A. 1993. Soil roughness measurement: chain method. *J. Soil Water Conserv.* 48(6):527-529.

Saleh, A. 1994. Measuring and predicting ridge-orientation effect on soil surface roughness. *Soil Sci. Soc. Am. J.* 58(4):1228-1230.

Saleh, A. 1997. Soil surface roughness measurement: A comparison study. *Agronomy Abstracts*, p. 271.

Saleh, A., and D.W. Fryrear. 1995. Threshold wind velocities of wet soils as affected by windblown sand. *Soil Sci.* 160(4):304-309.

Saleh, A., and D.W. Fryrear. 1997. Soil roughness for the revised wind erosion equation (RWEQ). (Submitted to *Soil and Water Conservation*) (Please see Appendix O.)

Samani, Z.A., and M. Pessarakli. 1986. Estimating potential crop evapotranspiration with minimum data in Arizona. *Trans. ASAE* 29(2):522-524.

Schomberg, H.M., and J.L. Steiner. 1997. Comparison of residue decomposition models used in erosion prediction. *Agron. J.* 89(6):911-919.

Siddoway, F.H., W.S. Chepil, and D.V. Armbrust. 1965. Effect of kind, amount, and placement of residue on wind erosion control. *Trans. ASAE* 8(3):327-331.

Skidmore, E.L. 1965. Assessing wind erosion forces; directions and relative magnitudes. *Soil Sci. Soc. Am. Proc.* 29(5):587-590.

Skidmore, E.L., N.L. Nossaman, and N.P. Woodruff. 1966. Wind erosion as influenced by row spacing, row direction, and grain sorghum population. *Soil Sci. Soc. Am. Proc.* 30(4):505-509.

Skidmore, E.L., and J. Tatarko. 1990. Stochastic wind simulation for erosion modeling. *Trans. ASAE* 33(6):1893-1899.

Skidmore, E.L., J. Tatarko, and L.E. Wagner. 1995. Climate databases for wind erosion prediction models. In C.W. Richardson, G.L. Johnson, V.A. Ferreira, and P.C. Doraiswamy (ed.) Proc. Workshop on Climate and Weather Research, Denver, CO. July 17-19, 1995.

Steiner, J.L., H.M. Schomberg, C.L. Douglas, and A.L. Black. 1994. Standing stem persistence in no-tillage small-grain fields. *Agron. J.* 86(1):76-81.

Stout, J.E. 1990. Wind erosion in a simple field. *Trans. ASAE* 33(5):1597-1600.

Stout, J.E., and T.M. Zobeck. 1996. The Wolfforth field experiment: A wind erosion study. *Soil Sci.* 161(9):616-632.

Sturrock, J.W. 1969. Aerodynamic studies of shelterbelts in New Zealand-1: Low to medium height shelterbelts in Mid-Canterbury. *New Zealand J. Sci.* 12:754-776.

Sturrock, J.W. 1972. Aerodynamic studies of shelterbelts in New Zealand-2: Medium height to tall shelterbelts in Mid-Canterbury. *New Zealand J. Sci.* 15:113-140.

Taylor, S.E., and O.J. Sexton. 1972. Some implications of leaf tearing in musaceae. *Ecology* 53:143-149.

Weast, R.C. (ed.) 1986. CRC Handbook of Chemistry and Physics, 67th edition. CRC Press, Boca Raton, FL.

Woodruff, N.P. and F.H. Siddoway. 1965. A wind erosion equation. *Soil Sci. Soc. Am. Proc.* 29(5):602-608.

Zingg, A.W. 1953. Some characteristics of aeolian sand movement by saltation process. pp. 197-208. Editions du centre National de la Recherche Scientifique 13. Quai Anatole France, Paris, (7^e).

Zingg, A.W. and N.P. Woodruff. 1951. Calibration of a portable wind tunnel for the simple determination of roughness and drag on field surfaces. *Agron. J.* 43:191-193.

Zobeck, T.M. 1991. Abrasion of crusted soils: Influence of abrader flux and soil properties. *Soil Sci. Soc. Am. J.* 55(4):1091-1097.

Zobeck, T.M. and C.A. Onstad. 1987. Tillage and rainfall effects on random roughness: A review. *Soil Tillage Res.* 9:1-20.

Zobeck, T.M. and T.W. Popham. 1997. Modification of the wind erosion roughness index by rainfall. *Soil Tillage Res.* 42:47-61.