This is the ninth annual survey of pest problems, pesticide use and grower practices of the Northarvest Bean Growers Association, an association of dry bean growers in Minnesota and North Dakota. Results of previous surveys dated 1987-1995 have been published (1, 2, 3, 4, 5, 6, 7, 9). There was no survey in 1993.

The survey form (Figure 1, pages 3-6) was designed with input from research and extension faculty at North Dakota State University, the University of Minnesota and the directors of the Northarvest Bean Growers Association. The survey was mailed on November 15, 1996 to all Northarvest bean growers (4,004) in the two-state area. The surveys were sorted by Northarvest production district. Except for district designation, the survey was anonymous. For purposes of this discussion, districts are identified as MN1 through MN5 and ND1 through ND5 (Figure 2).