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May 4, 2006

Dr. Kevin McCluskey  
University of Missouri, Kansas City  
School of Biological Sciences  
5007 Rockhill Road  
Kansas City, MO 64110

Dear Dr. McCluskey,

Enclosed you will find three vials with two isolates of *Verticillium dahliae* and an isolate of *V. albo-atrum*. Isolate VdLs17 is a short-spored, race 2 isolate of *V. dahliae* collected from lettuce, *Lactuca sativa* L., while VdBob70 is a long-spored isolate (syn. *V. dahliae* var. *longisporum*, or *V. longisporum*) collected from cauliflower, *Brassica oleracea* var. *botrytis* L. The *V. albo-atrum* isolate VaMs102 was collected from alfalfa, *Medicago sativus* L. All three isolates are growing on a potato dextrose agar medium, on which they can be stored for durations of 3 to 5 years. We've also found that storage of conidia in a 35% (v/v) glycerol solution at -80 °C is also a viable option, and have successfully stored a limited number of isolates for 2.5 yrs under these conditions. We're hoping this long-term cryogenic storage will eliminate clonal variation that can occur with repeated sub-culturing of isolates.

Please do not hesitate to contact me if you have any further questions regarding these isolates.

Sincerely,

Gary E. Vallad, Ph.D.

Encl. (7): 3 vials, 3 isolate forms, and APHIS permit.