orange wilt bacterium and the previously reported reactions of the four genotypes. PI165078 had the least number of epiphytic bacterial cells/per sq. cm. of leaf surface 1, 3, and 7 days after inoculation; GN UI 59, the most susceptible genotype, had the greatest number of epiphytic bacterial cells. Each sampling date consisted of 12 leaflets per genotype. The experiment will be repeated to ascertain the reproducibility of the initial tests.

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Release of Great Northern HARRIS Tolerant to Common Blight

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Great Northern HARRIS was derived from bulking seed derived from 100 early maturing plants in the GN Valley variety (tolerant to common blight). GN Valley contained plants of varying dates of flowering and maturity. The homozygous and heterogenous genetic structure of this variety was synthesized purposely in order to increase its yield stability by spreading flowering over a longer time. Recent data from trials supports this hypothesis (D. Nuland, unpublished). GN HARRIS is earlier (91 days) and more uniform in maturity than GN Valley (99 days) but retains the same degree of blight tolerance and high yielding ability. The mean % yield increase of GN HARRIS over the standard GN UI 59 was 17% (1979), 4% (1978) and 11% (1976). GN HARRIS is resistant to the type strain and NY-15 strain of BCMV and to the pea strain of BYMV. Foundation seed as well as samples for trial are distributed by the Nebraska Foundation Seed Division, University of Nebraska, Lincoln, NE 68583.

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Development of *Phaseolus vulgaris* with Resistance and/or Avoidance to White Mold Disease (*Sclerotinia sclerotiorum*)

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A major objective of our bean breeding program has been to develop Great Northern and Pinto dry beans with resistance and/or avoidance to *Sclerotinia sclerotiorum*. We have previously reported on a high degree of resistance in selections made in Black Turtle Soup and Aurora. The Aurora avoidance reaction is due to a porous plant canopy under close within the row plant spacing in western Nebraska field plots (Ann. Rept. Bean Improv. Coop. 19:21-23). Since that time we have evaluated a collection of South