

Carries resistance to stem nematode.

907157

✓ ---H. L. Carnahan, Nevada, Letter to Mullen, 7/24/61. (Don't report-to be increased)

Resistant to all collections of stem nematodes tested and resistant over a range of temperatures.

907158

✓ ---1961 W-6 Tech. Comm., California

Resistance to stem nematode considered to be conferred by one single major factor. Tetrasomic inheritance of resistance was demonstrated.

907159

✓ ---Grundbacher, F.J. and E. H. Stanford, 1962. Genetic factors Conditioning Resistance in Alfalfa to the Stem Nematode. Crop Science 2:211-217. (Reported as payoff in 1962.)

Good resistance to bacterial wilt and stem nematode.

907160

---Nevada, 1963 W-6 Tech. Comm. Minutes Pg 21-61.

1961

Shows resistance to the spotted alfalfa aphid. See summary card.

907161

---Arnold-Thomas Seed Service - H. L. Carnahan.

Minutes of 1968 W-6 Technical Comm. Meeting, App. 9,67.

1969

Individual plants have resistance to spotted alfalfa aphid. However, they also have undesirable characteristics, so may not be used in immediate parentage of improved alfalfas but should provide the basis for diverse germplasm. See summary card.

907162

---Letter from H. L. Carnahan to B. Crampton, both of California 9/15/69.

(OVER)

907163

1971 After 12 weeks, only 9.7% total stand loss with Phytophthora Root Rot. See summary card.  
---F. A. Gray, Arizona, report attached to corresp. dated 10/1/71, info on Acc. File.

907164

1972 Rated 5.9 (range 5-6) to yellow leaf blotch. See summary card.  
---M. D. Rumbaugh, South Dakota, 1972 APR

907165

1973 Contributed stem nematode resistance to WL 450. See summary card.  
---Report of meeting of National Certified Alfalfa Variety Review Board, 12/11/72.

907166

1974 Has good resistance to Phytophthora megasperma in Arizona.  
---F. A. Gray, 1974, Arizona, report attached to correspondence 10/18/74.

907167

1976 Contributed stem nematode resistance to the germplasm pools WHS3 and WZS1 released by ARS and the Washington AES.  
---ARS and Washington AES Release Notice, August, 1976.

907168

1976 Contributed to WHS3 and also to WZS1, which was developed from an intercross of 39 plants, including one plant from 141462.  
---ARS and Washington AES Release Notice August, 1976.

907169

1978 Used in the stem nematode resistant germplasm release, Washington SNI, released by the USDA-SEA and the Nevada and Washington AES in 1978. This introduction contributed germplasm via the WH-S-3 parental line. See summary card.  
---Notice of Release of Washington SNI Alfalfa Germplasm Resistant to Stem Nematode, 5/78