Medicago falcata USSR 258751

Shows resistance to leafhopper in 1960 on plants previously selected - W. R. Kehr, Nebraska progress report to NC-7, 1960. 908278

Showed leafhopper resistance during 1960 and 1961 - W. R. Kehr, Nebr, 1961 NC-7 Prog Rep. 908279

Fall recovery was tall, open, vigorous and fairly leafy - W. H. Skrdla, RPIS, 1961, Field obs. of 1960-61 planting. Resistant to common diseases - E E Leppik 908280

Showing promise for potato leafhopper resistance. - R. L. Davis, Purdue 1963 NC-7 Prog rep. 908281

Resistant to rust and had the same or less winter injury than Buffalo + Du Puits. - E. L. Sorensen, Kans 1963 acc perf rep. 908282

Pea aphid resistant selections made - (Summ card) G. D. Moore, Minn. 1964 acc perf rep. 908283

Shows resistance to rust, winter injury and leafhopper - E. L. Sorensen, Kans. 1964 acc perf rep 908284

Shows promise as a source of potato leafhopper resistance - R. L. Davis, Ind., 1965 Progress Rep. to NC-7. 908285

OVER

1966

Shows resistance to alfalfa weevil in initial tests. See summary card. - North Carolina report - 1966 S-9 Technical Committee minutes.

908286

1968

Damage by alfalfa weevil significantly less than check cultivars at 3 of 3 locations. Busbice, T.H., D.K. Barnes, C.H. Hanson, R.R. Hill Jr., W.V. Campbell, C.C. Blickenstaff, & R.C. Newton 1967. Field evaluation of alfalfa introductions for resistance to the alfalfa weevil Hypera postica (Gyllenhal). U.S. Dept Agr. ARS 34-94.

908287

1968

Used in an experiment to compare interspecific, intervariety & intravariety crosses for expression of heterosis. Varieties used were Alfa and Vernal, both primarily M. sativa. PI 258751, variety 'Kuban', represented the M. falcata. "In spaced plantings, highest yields were obtained from interspecific crosses, followed by inter-variety & finally by intravariety crosses. Variability within progenies was increased through hybridization, unrelated parents having the most effect. The importance of genetic diversity in parents as a determiner of heterosis is considered."

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- Sutat Sriwatanapongse & C. P. Wilsie. 1968. Intra - and Intervariety crosses of Medicago sativa L. and Medicago falcata L. Crop Sci 8:465-466.