

Urocystis agropyri References

Allan RE, 1976. Flag smut reaction in wheat: its genetic control and associations with other traits. *Crop Science*, 16:685-687.

Alvarez MG, 1976. Primer catalogo de enfermedades de plantas Mexicanas. *Fitofilo*, 71:1-169.

Anon, 1919. Federal Horticultural Board, United States Department of Agriculture, Quarantine on account of flag smut and take-all diseases. Notice of quarantine No. 39 (with regulations). United States Department of Agriculture, Service and Regulatory Announcements, 64:77-79.

Anon, 1925. Quarantine on account of the flag smut disease. Notice of quarantine No. 59. United States Department of Agriculture, Federal Horticultural Board leaflet.

Anon, 1931. Legislative and administrative measures, Mexico. *International Bulletin of Plant Protection*, 5:122-123.

Anon, 1935. List of insect pests and diseases prohibited by external quarantine legislation from importation into the USSR. USSR People's Commissariat Agriculture Section internal and external. *Plant Quarantine*, 2, Moscow

Anon, 1946. Plant Quarantine Import Restrictions, Iran. Service and Regulatory Announcements, Bureau of Entomology and Plant Protection, United States Department of Agriculture, 168:51-54.

Anon, 1953. Plant Quarantine Announcement 1953, Food and Agriculture Organization of the United Nations. *FAO Plant Protection Bulletin*, 1:158-159.

Anon, 1955. Plant Quarantine Announcements, Food and Agriculture Organization of the United Nations. *FAO Plant Protection Bulletin*, 3:110-111.

Anon, 2005. Foreign quarantine notices. 7 CFR Part 319. United States Federal Register, 70: 8231-8233.

Asaad S, Abang MM, 2009. Seed-borne pathogens detected in consignments of cereal seeds received by the International Center for Agricultural Research in the Dry Areas (ICARDA), Syria. *International Journal of Pest Management*, 56:69-72.

Ballantyne B, 1993. Reactions of wheat cultivars to flag smut in southern New South Wales. *Australasian Plant Pathology*, 22:100-104.

Beniwal MS, 1992. Effect of flag smut on yield and yield components of wheat varieties. *Crop Research (Hisar)*, 5:348-351.

Bhatnagar GC, Gupta RBL, Mishra VL, 1978. Effect of flag smut, caused by *Urocystis agropyri*, on yield components of wheat cultivars in Rajasthan, India. *Plant Disease Reporter*, 62:348-350.

Borlaug NE, Harrar JG, Stakman EC, 1946. Flag smut of wheat in Mexico. *Phytopathology*, 36:479.

BPI (US National Fungus Collections), 2009. Fungal Databases – Specimens. Systematic Mycology and Microbiology Laboratory/Agricultural Research Service/USDA. Beltsville, Maryland, USA. www.nt.ars-grin.gov/fungalDATABASES/specimens/specimens.cfm. Accessed July 15, 2009.

CABI, 2007. Distribution map for *Urocystis agropyri* (flag smut of wheat). Crop Disease Compendium. <http://www.cabicompendium.org/cpc/map.asp?CCODE=UROCAG>

Canadian Food Inspection Agency, 2008. Appendix 1 - D-99-01. Ottawa, Canada: Government of Canada. Accessed July 17, 2009. <http://www.inspection.gc.ca/english/plaveg/protect/dir/d-99-01app1e.shtml>

Denchev CM, 2001. Class Ustomycetes (Orders Tilletiales, Ustilaginales, and Graphiolales). *Fungi Bulgaricae*, 4:1-286.

Dietrich W, Muller J, 2001. [The rust fungi, smut fungi and downy mildews in the Czech part of Krusne hory (Erzgebirge)]. *Czech Mycology*, 53:89-118.

Duran R, 1968. Subterranean sporulation by two graminicolous smut fungi. *Phytopathology*, 58:390.

El-Buni AM, Rattan SS, 1981. Check List of Libyan Fungi. Tripoli, Libya: Al Faateh University, Faculty of Science, Department of Botany, 169 pages.

El-Khadem M, Omar RA, Kamel AH, El-Naga SAA, 1980. Physiologic and pathogenic races of *Urocystis agropyri*. *Phytopathologische Zeitschrift*, 98:203-209.

Fischer GW, 1943. Some evident synonymous relationships in certain graminicolous smut fungi. *Mycologia*, 35:610-619

Fischer GW, 1953. Manual of the North American Smut Fungi. New York, New York, USA: The Ronald Press Company, 343 pp.

Fischer GW, Holton CS, 1943. Studies on the susceptibility of forage grasses to cereal smut fungi. IV. Cross inoculation experiments with *Urocystis tritici*, *U. occulta* and *U. agropyri*. *Phytopathology*, 33:910-921.

Fischer GW, Holton CS, 1957. Biology and control of the smut fungi. New York, New York, USA: The Ronald Press Company, 622 pp.

Fischer GW, Shaw CG, 1953. A proposed species concept in the smut fungi with application to North American species. *Phytopathology*, 43:181-188.

Goel RK, 1992. Flag smut of wheat. *Indian Journal of Mycology and Plant Pathology*, 22:113-124.

- Goel RK, Jhooty JS, 1985a. Chemical control of flag smut of wheat caused by *Urocystis agropyri*. Indian Phytopathology, 38:749-751.
- Goel RK, Jhooty JS, 1985b. Effect of temperature and pre-soaking on teliospore germination in *Urocystis agropyri* causing flag smut of wheat. Indian Journal of Plant Pathology, 3:134-137.
- Goel RK, Jhooty JS, 1987. Stimulation of germination in teliospores of *Urocystis agropyri* by volatiles from plant tissues. Annals of Applied Biology, 111:295-300.
- Goel RK, Jhooty JS, 1989. Some factors affecting the incidence of flag smut of wheat. Indian Journal of Agricultural Research, 23:200-204.
- Greenhalgh FC, Brown JS, 1984. A method for determining the reactions of wheat breeding lines to flag smut. Australasian Plant Pathology, 13:36-38.
- Guo L, 2005. Ustilaginales. In: Fungi of Northwestern China. Zhuang WY, ed. Ithaca, New York, USA; Mycotaxon, Ltd., 291-304.
- Hafiz A, 1986. Plant Diseases. Islamabad, Pakistan: Pakistan Agricultural Research Council.
- Hodges CF, 1970. Comparative morphology and development of *Poa pratensis* infected by *Ustilago striiformis* and *Urocystis agropyri*. Phytopathology, 60:1794-1797.
- Ibrahim GH, 2007. Biological control of ryegrass in wheat fields by new isolate of *Urocystis agropyri*. Plant Pathology Journal, 6:260-265.
- IMI, 1991. *Urocystis agropyri* (Preuss) Schroet. Distribution Maps of Plant Diseases, No. 80: 1-2. Edition 5.
- ISSG, 2009. Global Invasive Species Database (GISD). University of Auckland, New Zealand. <http://www.issg.org/database> Accessed July 22, 2009.
- Johnson R, 1984. A critical analysis of durable resistance. Annual Review of Phytopathology, 22:309-330.
- Jones GH, El Nasr A El GS, 1938. Control of four smut diseases by regulation of planting method under irrigation. Nature, 142:917-918.
- Körnicke FA, 1877. Mykologische beitrage. Hedwigia, 16:33-40.
- Kumar VR, Singh B, 2004. Management of flag smut in wheat. Annals of Plant Protection Sciences, 12:92-95.
- Line RF, 1998. Quarantines for the control of flag smut of wheat: are they effective or necessary? In: Bunts and smuts of wheat: an international symposium. Raleigh, North Carolina, August 17-20, 1997. Malik VS, Mathre DE, eds.. Ottawa, Canada: North American Plant Protection Organization, 49-60.

- Loughman, R, 1989. Chemical control in Western Australia of soilborne flag smut caused by *Urocystis agropyri*. *Australasian Plant Pathology*, 18:94-95.
- Mamluk OF, 1998. Bunts and smuts of wheat in North Africa and the Near East. *Euphytica*, 100:45-50.
- Mathur SB, Kongsdal O, 2003. Common Laboratory Seed Health Testing Methods for Detecting Fungi. Bassendorf, Switzerland: International Seed Testing Association, 425 pp.
- McAlpine D, 1910. The smuts of Australia, their structure, life history, treatment, and classification. Melbourne, Australia: Department of Agriculture of Victoria, 288 pp.
- McBeath JH, Cheng M, Gay PA, Yokogi T, 2008. First report of leaf smut on fescue (*Festuca rubra*) caused by *Urocystis agropyri* in interior Alaska. *Plant Disease*, 92:652.
- Meiners JP, Fischer GW, 1957. Some new grass smut records from the western states. III. *Mycologia*, 49:767-771.
- Metcalf PB, Brown JF, 1969. Evaluation of nine fungicides in controlling flag smut of wheat. *Plant Disease Reporter*, 53:631-633.
- Mordue JEM, Walker JM, 1981. *Urocystis agropyri*. CMI Description of Phytopathogenic Fung and Bacteria, 716:1-2.
- Murray GM, Brown JF, 1987. The incidence and relative importance of wheat diseases in Australia. *Australasian Plant Pathology*, 16:34-37.
- NCBI, 2009. Entrez cross-database search engine. National Center for Biotechnology Information, U.S. National Library of Medicine, Bethesda, Maryland, USA. <http://www.ncbi.nlm.nih.gov/sites/gquery>. Accessed July 17, 2009.
- Neergaard P, 1977. Seed pathology. Volume 1. New York, New York, USA: John Wiley and Sons, xxiv + 839 pp.
- Nelson BD Jr, Durán R, 1984. Cytology and morphological development of basidia, dikaryons and infective structures of *Urocystis agropyri* from wheat. *Phytopathology*, 74:299-304.
- Nus JL, Hodges CF, 1990. Tiller and rhizome growth of water-stressed *Poa pratensis* 'Merion' infected by *Ustilago striiformis* or *Urocystis agropyri*. *Plant Disease*, 74:886-888.
- Platz GJ, Rees RG, 1980. Flag smut resistance in selected wheat cultivars and lines. *Queensland Journal of Agricultural and Animal Sciences*, 37:141-143.
- Purdy LH, 1965. Flag smut of wheat. *The Botanical Review*. (Lancaster), 31:565-606.

- Purdy LH, Allan RE, 1967. Heritability of flag smut resistance in three wheat crosses. *Phytopathology*, 57:324-325.
- Purdy LH, Holton CS, 1963. Flag smut of wheat, its distribution and coexistence with stripe rust in the Pacific Northwest. *Plant Disease Reporter*, 47:516-518.
- Rees RG, Platz GJ, 1973. Grass host for wheat flag smut. *Australian Plant Pathology Society Newsletter*, 2:28.
- Rewal HS, Goel RK, Jhooty JS, 1986. Seed and soil inoculation in relation to the incidence of flag smut in wheat. *Indian Phytopathology*, 39:599-600.
- Richardson MJ, 1990. *An Annotated List of Seed-borne Diseases*. Fourth Edition. Zurich, Switzerland: International Seed Testing Association, 387 pp.
- Roane CW, Roane MK, 1996. Graminicolous fungi of Virginia: Fungi associated with genera *Aegilops* to *Digitaria*. *Virginia Journal of Science*, 47:197-224.
- Rossmann AY, Britton K, Luster D, Palm M, Royer MH, Sherald J, 2006. Evaluating the threat posed by fungi on the APHIS list of regulated plant pests. *Plant Health Progress*. (Online.) <http://www.plantmanagementnetwork.org/php/>
- Sampson K, 1940. List of British Ustilaginales. *Transactions of the British Mycological Society*, 24:294-311.
- Sampson MG, Watson AK, 1985. Host specificity of *Urocystis agropyri* isolated from *Agropyron repens*. *Canadian Journal of Plant Pathology*, 7:52-54.
- Sansford CE, Beales PA, Clarkson JDS, 1998. First report of flag smut of wheat caused by *Urocystis agropyri* in the United Kingdom. *Plant Disease*, 82:1403.
- Sansford CE, Beales PA, Clarkson JDS, 1999. Erratum: First report of flag smut of wheat caused by *Urocystis agropyri* in the United Kingdom (*Plant Disease* (1998) 82(12):1403). *Plant Disease*, 83:400.
- Savile DBO, 1953. Notes on boreal Ustilaginales. *Canadian Journal of Botany*, 31:663-674.
- Singh HB, Sethi GS, 1975. Reactions of wheats to flag smut. *Indian Journal of Genetics and Plant Breeding*, 35:450-453.
- Smiley RW, Dernoeden PH, Clarke BB, 2005. *Compendium of Turfgrass Diseases*. Third edition. St. Paul, Minnesota: American Phytopathological Society, 167 pp.
- Takahashi K, Iwata Y, 1964. The mode of infection of flag smut fungus on wheat varieties differing in resistance. *Annals of the Phytopathological Society of Japan*, 29:149-154.

Tariq AH, Khan SH, Saleem A, 1992. Control of flag smut (*Urocystis agropyri*) through screening of varieties and systemic seed-dressing fungicides. Pakistan Journal of Phytopathology, 4:32-36.

Thirumalachar MJ, Dickson JG, 1949. Chlamyospore germination, nuclear life cycle and artificial culture of *Urocystis agropyri* on Red Top. Phytopathology, 39:333-339.

USDA-ARS, 2009. Germplasm Resources Information Network (GRIN). Online Database. National Germplasm Resources Laboratory, Beltsville, Maryland, USA. http://www.ars-grin.gov/cgi-bin/npgs/html/tax_search.pl. Accessed July 21, 2009.

USDA/SMML, 2005. Nomenclature Fact Sheets. *Urocystis agropyri*. Systematic Mycology and Microbiology Laboratory, Agricultural Research Service. USDA. Beltsville, Maryland, USA. <http://nt.ars-grin.gov/sbmlweb/fungi/nomensheets.cfm>

Vanky K, 1994. European Smut Fungi. Stuttgart, Germany: Gustav Fischer Verlag, 570 pp.

Vanky K, 2007. Smut fungi of the Indian subcontinent. Polish Botanical Studies, 26:3-265.

Vanky K, Shivas RG, 2008. Fungi of Australia: The smut fungi. ABRIS/Canberra. Melbourne, Victoria, Australia: CSIRO Publishing, 266 pp.

Wattspadwick G, 1948. Plant protection and food crops of India. I. Plant pests and diseases of rice, wheat, sorghum and gram. Empire Journal of Experimental Agriculture, 16:55-64.

Wiese MV, 1987. Compendium of Wheat Diseases. Second edition. St Paul, Minnesota, USA: American Phytopathological Society, 112 pp.

Wolff R, 1873. Beitrag zur Kenntnis der ustilagineen. Botanische Zeitschrift, 31:657-661.

Yasu M, Yoshino M, 1963. Studies on the ecology of the flag smut of wheat and its control. Saitama Agricultural Experiment Station, Japan Research Bulletin, 20:1-34.

Zundel GL, 1953. The Ustilaginales of the world. Contributions of the Department of Botany of the Pennsylvania State College of Agriculture, 176:1-410.