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A decimal code for the growth stages of cereals

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2209	An ecophysiological approach to crop losses exemplified in the system wheat, leaf rust and glume blotch. <b>1975</b> , 81, 1-13		11
2208	Deposition of Erysiphe graminis f. sp. hordei Conidia on Barley Varieties of differing Growth Habit. <b>1975</b> , 84, 316-321		10
2207	Germination and pathogenicity of conidia and pycnidiospores of Selenophoma donacis isolated from barley. <b>1976</b> , 67, 520-522		1
2206	Relationship between Yield Loss and Severity of Yellow Rust Recorded on a Large Number of Single Stems of Winter Wheat. <b>1976</b> , 25, 172-177		22
2205	A quick method of recording plant growth stages. Weed Research, <b>1976</b> , 16, 43-45	1.9	
2204	Observations on the Epidemiology and Effect on Grain Yield of Brown Rust in Spring Barley. <b>1976</b> , 25, 63-73		22
2203	Effects of Fungicide Spraying on Brown Rust and Yield in Spring Barley. <b>1976</b> , 25, 99-107		26
2202	Some Factors affecting the Generation Time of Erysiphe graminis f. sp. hordei on Leaves of Three Barley Varieties. <b>1976</b> , 86, 345-352		2
2201	Development of powdery mildew on leaves of several barley varieties at different growth stages. <b>1976</b> , 82, 467-476		25
2200	Germination of Puccinia striiformis uredospores on leaves of adult winter wheat plants. <b>1976</b> , 82, 71-78	3	13
2199	Observations on the Origins of Septoria nodorum Infection of Winter Wheat. <b>1977</b> , 26, 153-160		8
2198	Surveys of Foliar Diseases of Spring Barley in England and Wales, 1972\(\mathbb{I}\)5. <b>1977</b> , 26, 21-29		21
2197	Effect of Timed Fungicide Sprays on Yield of Winter Wheat in Relation to Septoria Infection Periods. <b>1977</b> , 26, 30-34		20
2196	A comparison of the tolerance by winter wheat of herbicide mixtures containing dicamba and 2,3,6-TBA, or ioxynil. <i>Weed Research</i> , <b>1977</b> , 17, 273-282	1.9	13
2195	The effect of age on the availability of linuron and simazine residues in soil. <i>Weed Research</i> , <b>1977</b> , 17, 429-431	1.9	9

2194	Surveys of Diseases of Winter Wheat in England and Wales, 1970🛭 5. <b>1977</b> , 26, 8-20	44
2193	The identification of growth stages in winter wheat with reference to the application of growth-regulator herbicides. <b>1977</b> , 87, 213-224	45
2192	Varietal Differences in Formation of Sub-stomatal Vesicles by Puccinia striiformis in Winter Wheat. <b>1977</b> , 88, 1-10	3
2191	Prediction of Yield Loss due to Eyespot in Winter Wheat. <b>1978</b> , 27, 125-131	18
2190	Effect of Inoculating Soils with Phialophora radicicola var. graminicola on Take-all Disease of Wheat. <b>1978</b> , 27, 131-135	5
2189	Interactions between barban and protectants on maize, oats and barley. Weed Research, <b>1978</b> , 18, 77-81 <sub>1.9</sub>	4
2188	The effect of site of application on the performance of glyphosate on Agropyron repens and barban, benzoylprop-ethyl and difenzoquat on Avena fatua. <i>Weed Research</i> , <b>1978</b> , 18, 123-128	29
2187	The effects of a dicamba herbicide mixture on the grain yield components of winter wheat. <i>Weed Research</i> , <b>1978</b> , 18, 335-339	15
2186	The incidence of stalk rot (Fusarium spp.) on maize hybrids and its effect on yield of maize in Britain. <b>1978</b> , 88, 23-30	10
2185	Effects of chemical treatments for mildew control at different times on the growth and yield of spring barley. <b>1978</b> , 88, 369-376	12
2184	Detection of resistance to aphids in cereals. <b>1978</b> , 88, 401-406	20
2183	The effect of herbicides on the root system of wheat plants. <b>1978</b> , 90, 93-99	8
2182	Some effects of applied sodium and potassium chloride on yellow rust in winter wheat. <b>1978</b> , 90, 163-168	13
2181	Effects of inoculation with Septoria nodorum on yield components of spring wheat. <b>1978</b> , 90, 323-328	9
2180	The effects of herbicides, applied atone and in sequence, on the control of wild-oats (Avena fatua) and broad-leaved weeds, and on yield of winter wheat. <b>1978</b> , 89, 459-466	7
2179	Seasonal changes in the position of the shoot apex of winter wheat and spring barley in relation to the soil surface. <b>1978</b> , 91, 245-248	20
2178	Interactions Between Some Wild Oat Herbicides and Four Chlorophenoxy Compounds. <b>1979</b> , 25, 425-430	2
2177	PRESENCE OF 14C ACTIVITY IN ROOT EXUDATES AND GUTTATION FLUID FROM AGROPYRON REPENS TREATED WITH 14C-LABELLED GLYPHOSATE. <b>1979</b> , 83, 17-22	90

2176	Crop loss assessment on winter wheat attacked by the grain aphid, Sitobion avenae (F.), 1974\(\bar{u}\)7. <b>1979</b> , 28, 143-149	64
2175	The effect of controlling Alopecurus myosuroides Huds. and Avena fatua L. individually and together, in mixed infestations on the yield of wheat. <i>Weed Research</i> , <b>1979</b> , 19, 193-199	6
2174	An investigation into inter-plot interactions, in experiments with mildew on barley, using balanced designs. <b>1979</b> , 92, 11-28	41
2173	Judgemental probabilities for the assessment of yield response to fungicide application against Septoria on winter wheat. <b>1979</b> , 92, 39-48	1
2172	An explanation of the decimal code for the growth stages of cereals, with illustrations. <b>1979</b> , 93, 221-234	316
2171	The use of cultivar trials records in assessing the incidence of cereal disease in England and Wales. I. Septoria nodorum in wheat and Rhynchosporium secalis in barley. <b>1979</b> , 93, 247-255	1
2170	The use of cultivar trials records in assessing the incidence of cereal disease in England and Wales. II. Erysiphe graminis in barley, wheat and oats. <b>1979</b> , 93, 257-265	5
2169	Combined effects of powdery mildew disease and soil water level on the water relations and growth of barley. <b>1979</b> , 14, 347-361	28
2168	Seedling and shoot infection of Bromus catharticus by Ustilago bullata. <b>1979</b> , 73, 49-56	12
2167	Patterns of yield production in two semi-dwarf and two conventional height European spring wheats. <b>1980</b> , 95, 387-393	2
2166	Multifactorial experimentation on continuous winter wheat grown in sandy clay soil at Saxmundham, Suffolk. <b>1980</b> , 94, 155-170	15
2165	The influence of cultural factors and mildew on yield of winter barley. <b>1980</b> , 94, 389-397	8
2164	Direct drilling and ploughing: their effects on the distribution of extractable phosphorus and potassium, and of roots, in the upper horizons of two clay soils under winter wheat and spring barley. <b>1980</b> , 94, 411-423	15
2163	The Effect of Applications of a Synthetic Cytokinin on Shoot Dominance and Grain Yield in Spring Barley. <b>1980</b> , 46, 445-452	19
2162	Fungicide control of Ustilago bullata seedling and shoot infection of Bromus catharticus. <b>1980</b> , 8, 173-177	1
2161	Assessment of a rapid method, using soil cores, for estimating the amount and distribution of crop roots in the field. <b>1980</b> , 55, 297-305	63
2160	Effects of waterlogging at different stages of development on the growth and yield of winter wheat. <b>1980</b> , 31, 117-132	113
2159	Damage to cereals caused by decaying weed residues. <b>1980</b> , 31, 321-324	41

2158	Splash dispersal studies in wheat using a fluorescent tracer. <b>1980</b> , 21, 195-203		5
2157	Specificity of induction of the lignification response in wounded wheat leaves. <b>1980</b> , 16, 197-204		37
2156	Effects of late-season fungicide sprays on yield of winter wheat. <b>1980</b> , 29, 21-27		14
2155	Aerial migrations of the rose-grain aphid, Metopolophium dirhodum(Wlk.), over Europe in 1979. <b>1980</b> , 29, 101-109		26
2154	Take-all severity and yield in winter wheat: relationship established using a single plant assessment method. <b>1980</b> , 29, 110-116		11
2153	Field experiments to investigate long-term effects of repeated applications of MCPA, tri-allate, simazine and linuron: II. Crop performance and residues 1969\( \textbf{1}\)8. Weed Research, 1980, 20, 103-110	1.9	16
2152	Tests of soil fertility following repeated applications of MCPA, tri-allate, simazine and linuron. <i>Weed Research</i> , <b>1980</b> , 20, 111-116	1.9	5
2151	Effects of controlled epidemics of powdery mildew on grain yield of spring barley. <b>1980</b> , 94, 19-31		14
2150	Epidemiology of eyespot (Pseudocercosporella herpotrichoides) on winter wheat, with particular reference to the period of infection. <b>1980</b> , 95, 19-29		13
2149	Effect of simulated rain on retention, distribution, uptake, movement and activity of difenzoquat applied to Avena fatua. <b>1980</b> , 96, 111-118		24
2148	Differential inhibition of DNA synthesis in difenzoquat tolerant and susceptible United Kingdom spring wheat cultivars. <b>1980</b> , 14, 144-152		17
2147	[1H]Spin-echo nuclear magnetic resonance in plant tissue. I. The effect of Mn(II) and water content in wheat leaves. <b>1980</b> , 32, 1043-9		17
2146	Modelling systems of disease and yield loss in cereals. <b>1980</b> , 6, 131-154		44
2145	Effect of photoperiod and temperature on the developmental rate of three cultivars of wheat (Triticum aestivum L.). <b>1980</b> , 3, 121-128		8
2144	Microbiology of roots infected with the take-all fungus (Gaeumannomyces graminis var. tritici) in phased sequences of winter wheat. <b>1981</b> , 13, 285-291		12
2143	The 'Natural Enemy Ravine' in Cereal Aphid Population Dynamics: A Consequence of Predator Activity or Aphid Biology?. <b>1981</b> , 50, 605		11
2142	Yield losses in wheat from yellow spot: a disease-loss relationship derived from single tillers. <b>1981</b> , 32, 851		14
2141	The role of cereal growth stages and crowding in the induction of alatae in Sitobion avenae and its consequences for population growth. <b>1981</b> , 6, 441-447		64

2140	Response of winter wheat to prolonged waterlogging under outdoor conditions. <b>1981</b> , 97, 557-568	69
2139	Leaf Area as a Factor in Disease Assessment. <b>1981</b> , 97, 481-483	16
2138	Field studies on the growth and development of winter wheat. <b>1981</b> , 97, 685-697	12
2137	Effect of Fungicide Application on Cereals in France1. <b>1981</b> , 11, 337-346	1
2136	Role of Fungicides in Maximizing Grain Yield of Barley1. <b>1981</b> , 11, 347-354	3
2135	CONTAMINATION OF VEGETATION WITH SYNTHETIC SEX-ATTRACTANT RELEASED FROM TRAPS FOR THE PEA MOTH, CYDIA NIGRICANA. <b>1981</b> , 30, 111-115	38
2134	Duration of cereal aphid populations and the effects on wheat yield and breadmaking quality. <b>1981</b> , 98, 169-178	45
2133	The expression of resistance to powdery mildew infection in winter wheat cultivars. I. Seedling resistance. <b>1981</b> , 98, 295-303	16
2132	The expression of resistance to powdery mildew infection in winter wheat cultivars. II. Adult plant resistance. <b>1981</b> , 98, 305-317	16
2131	Forecasting barley mildew development in West Scotland. <b>1981</b> , 97, 43-53	3
2130	The effect of cereal growth stage and feeding site on the reproductive activity of the bird-cherry aphid, Rhopalosiphum padi. <b>1981</b> , 97, 135-141	74
2129	The effect of chlormequat chloride formulated with choline chloride on the height and yield of winter wheat. <b>1981</b> , 97, 227-236	10
2128	The effect of ammonium and nitrate nitrogen sources on copper uptake and amino acid status of cereals. <b>1981</b> , 62, 279-290	32
2127	Aetiology of barley net blotch caused by Pyrenophom teres and some effects on yield. <b>1981</b> , 30, 77-87	53
2126	Relationship between eyespot severity and yield loss in winter wheat. <b>1981</b> , 30, 125-131	22
2125	Remote sensing of total dry-matter accumulation in winter wheat. <b>1981</b> , 11, 171-189	246
2124	Microwave radar response to canopy moisture, leaf-area index, and dry weight of wheat, corn, and	F2
	sorghum. <b>1981</b> , 11, 207-220	53

2122	Epidemics of stem rust and their effects on grain yield in the wheat WW15 and some of its derivatives. <b>1981</b> , 32, 725	7
2121	Comparison of spring barley varieties grown in England and Wales between 1880 and 1980. <b>1981</b> , 97, 599-610	102
2120	Assessment of methods for estimating the numbers of aphids (Hemiptera: Aphididae) in Cereals. <b>1982</b> , 72, 675-685	30
2119	Results from factorial experiments testing amounts and times of granular N-fertilizer, late sprays of liquid N-fertilizer and fungicides to control mildew and brown rust on two varieties of spring barley at Saxmundham, Suffolk 1975 <b>B. 1982</b> , 99, 377-390	8
2118	Yield losses in wheat from yellow spot: comparison of estimates derived from single tillers and plots. <b>1982</b> , 33, 899	55
2117	Effect of nitrogen fertilization on the growth of Sporobolomyces roseus on wheat leaves. <b>1982</b> , 60, 2741-274	41
2116	Control of barley brown rust, Puccinia hordei Otth., by benodanil and oxycarboxin in the field and the effects on yield. <b>1982</b> , 1, 299-308	5
2115	Relationship of spore germination and appressoria formation in isolates of Septoria nodorum to pathogenicity on wheat and barley leaves. <b>1982</b> , 79, 519-526	12
2114	Laboratory assessments of resistance to the aphids Sitobion avenae and Metopolophium dirhodum in three Triticum species and two modern wheat cultivars. <b>1982</b> , 101, 99-107	32
2113	The effect of host quality and crowding on the settling and take-off of cereal aphids. <b>1982</b> , 101, 211-218	31
2112	Secondary host preferences and reproductive activity of the bird cherry-oat aphid, Rhopalosiphum padi. <b>1982</b> , 101, 219-228	49
2111	The influence of form of deposit on the phytotoxicity of difenzoquat applied as individual drops to Avena fatua. <b>1982</b> , 101, 517-525	28
2110	The influence of form of deposit on the phytotoxicity of MCPA, paraquat and glyphosate applied as individual drops. <b>1982</b> , 101, 527-532	34
2109	The effect of barley yellow dwarf virus on honeydew production by the cereal aphids, Sitobion avenae and Metopolophium dirhodum. <b>1982</b> , 100, 203-212	29
2108	The effect of three herbicides on the number of spores of Rhynchosporium secalis on barley stubble and volunteer plants. <b>1982</b> , 100, 271-279	5
2107	Effects of fungicide timing on control of Rhynchosporium secalis in barley plants. <b>1982</b> , 100, 305-314	3
2106	Tolerance of several wild oat herbicides by a range of winter wheat varieties. <b>1982</b> , 100, 365-373	7
2105	Production and dormancy of wild oat (Avena fatua) seed from plants grown under soil waterstress. <b>1982</b> , 100, 189-196	40

2104	Genotypic and environmental variation in the total phenol and flavanol contents of barley grain. <b>1982</b> , 33, 521-527	10
2103	Use of nitrification inhibitors to improve recovery of mineralised nitrogen by winter wheat. <b>1982</b> , 33, 1219-1226	19
2102	Field assessment of resistance to powdery mildew in mature wheat plants. <b>1982</b> , 31, 261-268	12
2101	Response of wheat and barley isolates of Septoria nodorum to passage through barley and wheat cultivars. <b>1982</b> , 31, 315-324	16
2100	Effect of fungicide treatment on yield of winter wheat and spring barley cultivars. 1982, 31, 31-37	20
2099	A genetic study of the relationship between height, time of ear emergence and resistance to Septoria nodorum in wheat. <b>1982</b> , 31, 45-60	57
2098	Residual effects of triadimefon in soil on powdery mildew and yield of spring barley. <b>1982</b> , 31, 143-155	14
2097	The dormancy of wild oat seed (Avena fatua L.) from plants grown under various temperature and soil moisture conditions. <i>Weed Research</i> , <b>1982</b> , 22, 205-212	43
2096	The contact activity of difenzoquat in two United Kingdom spring wheat cultivars. <i>Weed Research</i> , <b>1982</b> , 22, 329-335	6
2095	The expression of partial resistance to Erysiphe graminis in spring barley. <b>1983</b> , 32, 79-89	39
2094	Identification of barley yellow dwarf virus and cereal aphid Infestations In winter wheat by aerial photography. <b>1983</b> , 32, 159-172	9
2093	The estimation of yield losses in wheat from severity of infection by Septoria species. <b>1983</b> , 32, 239-249	22
2092	Effects of fungicide movement between plots in field experiments. <b>1983</b> , 32, 311-324	17
2091	Effect of barley yellow dwarf virus on susceptibility of barley cultivars to net blotch (Pyrenophora teres) and leaf blotch (Rhynchosporium secalis). <b>1983</b> , 32, 435-440	4
2090	Response of teff (Eragrostis tef(Zucc.) Trotter) to 2, 4-D and MCPA at various growth stages. <i>Weed Research</i> , <b>1983</b> , 23, 53-59	5
2089	The persistence and metabolism of isoproturon in soil. <i>Weed Research</i> , <b>1983</b> , 23, 239-246 1.9	83
2088	The influence of climatic factors on metoxuron activity on Bromus sterilis L Weed Research, <b>1983</b> , 23, 259-265	8
2087	Some studies on the competition between Avenu fatua L. and spring barley.II. Variation of A. fatua emergence and development and its influence on crop yield <i>Weed Research</i> , <b>1983</b> , 23, 305-305	23

2086	Quantitative variation within and between populations of the wild barley, Hordeum murinum. <b>1983</b> , 51, 325-333	23
2085	Weather and Modelling Cereal Aphid Populations in Norfolk (UK)1. <b>1983</b> , 13, 223-227	11
2084	The effects of barley yellow dwarf virus, aphids and honeydew on Cladosporium infection of winter wheat and barley. <b>1983</b> , 102, 57-65	5
2083	Effects of fungicides and insecticides applied to spring barley sown on different dates in 1976-79. <b>1983</b> , 102, 421-433	4
2082	The microflora of ripening barley grain and the effects of pre harvest fungicide application. <b>1983</b> , 102, 455-465	44
2081	The efficiency of visual assessment of grain yield and its components in spring barley rows. <b>1983</b> , 102, 539-549	3
2080	The effect of barley yellow dwarf virus on field populations of the cereal aphids, Sitobion avenae and Metopolophium dirhodum. <b>1983</b> , 103, 1-11	82
2079	The genetical control of incomplete forms of resistance to Erysiphe graminis in spring barley. <b>1983</b> , 103, 149-156	14
2078	A review of Septoria diseases of wheat and barley. <b>1983</b> , 103, 345-373	176
2077	A Test System for the Quantitative Assessment of Resistance to Mildew in Rye (Secale cereale L.). <b>1983</b> , 108, 127-134	6
2076	Yield reduction in wheat in relation to leaf necrosis caused by Septoria tritici. <b>1983</b> , 89, 87-98	14
2075	Chitinase as a possible resistance factor for higher plants. <b>1983</b> , 65, 171-2	8
2074	Transgressive segregation for enhanced level of adult plant resistance to mildew in the oat cross Mostyn $x$ Maldwyn. <b>1983</b> , 32, 499-503	24
2073	The influence of genotype on doubled haploid barley production. <b>1983</b> , 32, 863-876	33
2072	Assessment of nitrogen status of soils for cereal crops: Effects of nitrogen fertiliser on growth, composition and yield of spring barley. <b>1983</b> , 34, 541-548	6
2071	The effects of soil compaction, form of nitrogen fertiliser, and fertiliser placement on the availability of manganese to barley. <b>1983</b> , 34, 657-670	18
2070	Effects of soil compaction, seed depth, form of nitrogen fertiliser, fertiliser placement and manganese availability on barley. <b>1983</b> , 34, 671-684	8
2069	Effect of a calcium peroxide seed coating on the establishment of winter wheat subjected to pre-emergence waterlogging. <b>1983</b> , 34, 1159-1162	6

2068	An appraisal of currently used soil tests for available copper with reference to deficiencies in English soils. <b>1983</b> , 34, 1190-1196	18
2067	Early colonization of the ears of wheat and barley by Fusarium poae. <b>1983</b> , 5, 107-110	18
2066	Influence of Sporobolomyces roseus and Cladosporium cladosporioides on leaching of 14C-labelled assimilates from wheat leaves. <b>1983</b> , 80, 289-296	7
2065	Temperature enhanced sectoring in barley isolates of Septoria nodorum and the possible relationship with varying pathogenicity. <b>1983</b> , 81, 263-267	7
2064	The development of winter wheat in the field. 1. Relation between apical development and plant morphology within and between seasons. <b>1983</b> , 101, 327-335	50
2063	Low-Cost,Portable Multispectral Radiometer For Assessment Of Onset And Severity Of Foliar Disease Of Barley. <b>1983</b> , 0356, 126	
2062	Effect of triadimenol, imazalil, and nuarimol seed treatment on common root rot and grain yields in spring wheat. <b>1983</b> , 5, 174-176	6
2061	Experiments with solid and liquid N-fertilizers and fungicides on winter wheat at Saxmundham, Suffolk, 1976 <b>B</b> . <b>1983</b> , 100, 163-173	11
2060	Effects of eight factors on the growth and nutrient uptake of winter wheat and on the incidence of pests and diseases. <b>1983</b> , 100, 363-382	54
2059	Effects of early application of chlormequat on tillering and yield of winter wheat. <b>1983</b> , 100, 735-738	10
2058	Some effects of artificial variation in light interception, number of grains and husk constriction on the development of grain weight in normal and high-lysine barley. <b>1983</b> , 101, 301-309	9
2057	Effects of nitrogen fertilizer and tridemorph on mildew, growth and yield of spring barley 1975.  1983, 101, 517-546	15
2056	N use by winter wheat established in cultivated and direct-drilled soils. <b>1983</b> , 100, 461-471	14
2055	HERBICIDE PERSISTENCE [IS IT A PROBLEM?. 1983, 195-200	3
2054	MORPHOLOGICAL STAGING OF WHEAT CARYOPSIS DEVELOPMENT. 1983, 70, 308-311	53
2053	Development of annual ryegrass toxicity. <b>1983</b> , 34, 653	14
2052	Survival over summer of Rhynchosporium secalis in host debris in the field. <b>1984</b> , 35, 789	8
2051	Effect of Attack of Barley Fly, Delia Flavibasis Stein (Diptera: Anthomyiidae) on Growth and Yield of Barley, Hordeum Vulgare L <b>1984</b> , 50, 48-53	

Diagnosis of the nitrogen status of wheat at tillering and prognosis for maximal grain yield. <b>1984</b> , 15, 1423-1436	18
2049 Epidemiology of Cereal Aphids on Winter Wheat in Norfolk, 1978-1981. <b>1984</b> , 21, 103	15
2048 Relating the microwave backscattering coefficient to leaf area index. <b>1984</b> , 14, 113-133	238
2047 Components of partial resistance to Erysiphe graminis in spring barley. <b>1984</b> , 33, 123-130	32
2046 Damage to spring barley by larvae of Dilophus febrilis (L.) (Bibionidae: Diptera). <b>1984</b> , 33, 133-134	2
Assessment of the reaction of some spring barley cultivars to Pyrenophora teres using whole plants, detached leaves and toxin bioassay. <b>1984</b> , 33, 371-376	16
Barley net blotch: influence of straw disposal and cultivation methods on inoculum potential, and on incidence and severity of autumn disease. <b>1984</b> , 33, 547-559	16
2043 Response of three winter wheat cultivars to difenzoquat. <i>Weed Research</i> , <b>1984</b> , 24, 163-172	1.9 5
2042 Carbendazim resistance in the eyespot pathogen Pseudocercosporella herpotrichoides. <b>1984</b> , 33, 101-11	1 22
2041 Adult plant resistance to powdery mildew (Erysiphe graminis)in three barley cultivars. <b>1984</b> , 33, 493-502	27
Production and Pathogenicity to Wheat of Pseudocercosporella herpotrichoides Conidia. <b>1984</b> , 111, 222-231	10
2039 Soil-applied fungicides for controlling take-all in field experiments with winter wheat. <b>1984</b> , 104, 459-46	<b>5</b> 10
2038 Effects of powdery mildew on grain filling in spring barley in contrasting environments. <b>1984</b> , 105, 195-2	<b>12</b> 5
2037 Biological effectiveness of electrostatically charged rotary atomisers <b>1984</b> , 105, 353-359	20
2036 Biological effectiveness of electrostatically charged rotary atomisers <b>1984</b> , 105, 361-367	14
The influence of growth stage and foliage or soil application on the activity of AC 222,293 against Alopecurus myosuroides and Arena fatua. <b>1984</b> , 105, 517-527	18
2034 The effect of temperature and wind on the flight activity of cereal aphids. <b>1984</b> , 104, 17-26	54
2033 Effects of activated charcoal on attack by larvae of the wheat bulb fly, Delia coarctata. <b>1984</b> , 104, 27-30	O

2032	The effects of growth stage in wheat on yield reductions caused by the rose-grain aphid Metopolophium dirhodum. <b>1984</b> , 104, 393-397	9
2031	Effects of waterlogging and drought on winter wheat and winter barley grown on a clay and a sandy loam soil. <b>1984</b> , 80, 53-66	52
2030	A simple method for producing suspensions of Pyrenophora teres spores. <b>1984</b> , 18, 60-61	2
2029	An information system for the control of Puccinia hordei: IIImplementation. 1984, 15, 225-243	12
2028	Growth stages of Brassica crops for crop protection purposes. <b>1984</b> , 24, 1-11	13
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2025	A comparison of cereal-aphid migrations over Britain in the summers of 1979 and 1982. <b>1984</b> , 3, 379-389	10
2024	Effects of common stubble treatments and sowing sequences on scald disease (Rhynchosporium secalis) in barley crops. <b>1984</b> , 35, 799	7
2023	Comparisons between the establishment, growth and yield of winter wheat on three clay soils, in experiments testing nitrogen fertilizer in combination with aphicide and fungicides, from 1980 to 1982. <b>1984</b> , 103, 595-611	11
2022	The effect of sulphur on the yield and chemical composition of winter barley. <b>1984</b> , 103, 699-702	18
2021	The development rate of Metopolophium dirhodum (Walker) (Hemiptera: Aphididae) on winter wheat. <b>1984</b> , 74, 33-46	14
2020	The timing of nitrogen application for spring barley. <b>1984</b> , 102, 673-678	10
2019	A comparison of the root and shoot growth of winter barley and winter wheat, and the effect of an early application of chlormequat. <b>1984</b> , 103, 257-264	15
2018	Cereal plant development and its relation to crop management. <b>1984</b> , 161-173	13
2017	Disease progression and yield loss in barley associated with net blotch, as influenced by fungicide seed treatment. <b>1985</b> , 7, 83-90	21
2016	Einflulder Wachstumsregulatoren CCC und Ancymidol auf die Fertilitlvon genetisch einhalmiger Sommergerste (Hordeum vulgare L.). <b>1985</b> , 148, 618-625	4
2015	Time of sowing and the yield of winter wheat. <b>1985</b> , 104, 235-238	17

Some factors limiting the growth and yield of winter wheat and their variation in two seasons. <b>1985</b> , 104, 135-162		37
Some effects of type and rate of application of N fertilizer, and stage of growth at which it was applied, to winter wheat on a Gault Clay soil. <b>1985</b> , 104, 239-242		
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The effect of homoeologous group 7 chromosomes upon adult plant resistance of wheat to yellow rust (Puccinia striiformis). <b>1985</b> , 34, 255-262		6
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Some effects of canopy structure and microclimate on infection of tall and short wheats by Septoria nodorum. <b>1985</b> , 34, 578-593		26
Competitive effects of Avena fatua L. plants derived from seeds of different weights. <i>Weed Research</i> , <b>1985</b> , 25, 67-77	1.9	10
Influence of soil moisture on isoproturon activity against Alopecurus myosuroides. <i>Weed Research</i> , <b>1997 1985</b> , 25, 141-149	1.9	9

1996	Improved control of Stellaria media (L.) Vill in leys with Trifolium repens, using bentazone and benazolin with additives. <i>Weed Research</i> , <b>1985</b> , 25, 289-299	1.9	2
1995	Effects of isoproturon in the rhizosphere of wheat. Weed Research, 1985, 25, 423-432	1.9	10
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1993	Methods of reducing rhizoctonia patch of cereals in Western Australia. <b>1985</b> , 34, 175-181		62
1992	Effects of Pyrenophora teres on dry matter production and yield components of winter barley. <b>1985</b> , 34, 200-206		15
1991	Damage components of powdery mildew in winter wheat. <b>1985</b> , 91, 235-247		41
1990	Slow Rusting of Wheat to Puccinia recondita. <b>1985</b> , 113, 213-218		3
1989	A Possible Role for Ferrous Complexes in Fungal Disease Suppression: Glume Blotch and Net Blotch of Cereals. <b>1985</b> , 113, 178-188		2
1988	Effects of water potential and temperature on the development of eyespot lesions in wheat. <b>1985</b> , 107, 1-9		10
1987	The effect of cultivation system and soil factors on the performance of herbicides against Alopecurus myosuroides. <b>1985</b> , 107, 253-262		6
1986	Effects of pirimicarb, dimethoate and benomyl on natural enemies of cereal aphids in winter wheat. <b>1985</b> , 106, 235-242		39
1985	Components of partial resistance to Septoria nodorum in winter wheat. <b>1985</b> , 106, 541-553		17
1984	Factors affecting the uptake of chlormequat into cereal leaves. <b>1985</b> , 106, 579-590		10
1983	Effects of single and multiple waterloggings on the growth and yield of winter wheat on a clay soil. <b>1985</b> , 36, 142-156		37
1982	Barley Leaf Rust. <b>1985</b> , 173-205		31
1981	Epidemiology in Europe. <b>1985</b> , 329-369		24
1980	Relationship between scald (Rhynchosporium secalis) and losses in grain yield of barley in Western Australia. <b>1985</b> , 36, 655		11
1979	Efficacies of fungicides for control of stem rust of wheat. <b>1985</b> , 25, 440		8

## (1986-1985)

1978	DEVELOPMENT OF THE YOUNG WHEAT SPIKE: A SEM STUDY OF CHINESE SPRING WHEAT. <b>1985</b> , 72, 548-559	48
1977	Development of Autumn Populations of Cereal Aphids., Rhopalosiphum padi (L.) and Schizaphis graminum (Rondani) (Homoptera: Aphididae) and Their Effects on Winter Wheat in Washington State. <b>1985</b> , 78, 676-680	35
1976	Effect of date of seeding and seed treatment fungicides on infection of barley by Pyrenophora graminea. <b>1985</b> , 7, 408-416	6
1975	Characterization of Fusarium colonization of spring barley and wheat produced on stubble or fallow soil. <b>1985</b> , 7, 270-276	27
1974	Grain yield responses of barley and durum wheat to split nitrogen applications under rainfed conditions in a mediterranean environment. <b>1985</b> , 12, 191-202	32
1973	A Simulation Model of the Role of Parasitoids in the Population Development of Sitobion avenae (Hemiptera: Aphididae) on Cereals. <b>1985</b> , 22, 813	17
1972	Influence of Chlorocholine Chloride on Grain Growth of Winter Barley (Hordeum distichonL. cv. Igri) in the Field. <b>1985</b> , 36, 1126-1133	14
1971	The influence of weeds on polyphagous arthropod predators in winter wheat. <b>1985</b> , 4, 298-312	56
1970	A method of spore production for Drechslera teres using detached barley leaves. <b>1985</b> , 85, 489-493	9
1969	Accessory hosts of wheat stripe rust in Victoria, Australia. <b>1985</b> , 85, 159-160	9
1968	Characterization of wheat eyespot populations before development of fungicide resistance. <b>1985</b> , 85, 335-338	19
1967	The use of biological simulation models in agricultural management information systems. <b>1985</b> , 17, 51-57	4
1966	Simulations of bird cherryDat aphid population dynamics: A tool for developing strategies for breeding aphid-resistant plants. <b>1985</b> , 14, 159-170	40
1965	Throughfall and stem-flow in wheat. <b>1985</b> , 35, 329-338	14
1964	The response of onion couch (Arrhenatherum elatius ssp. bulbosum (Willd.) Schub. & Mart.) to glyphosate and other foliage-applied herbicides. <b>1985</b> , 4, 263-271	3
1963	Developmental patterns in wheat and resistance to cereal aphids. <b>1985</b> , 4, 322-328	9
1962	Production of green feed and grain from grazed barley in Northern Syria. <b>1985</b> , 10, 57-75	24
1961	Form of survival of Septoria nodorum on symptomless winter wheat. <b>1986</b> , 86, 381-385	7

1960	The influence of weeds on aphid-specific natural enemies in winter wheat. <b>1986</b> , 5, 182-189	16
1959	Some observations of the effect of wind turbulence on the near infrared/red ratio. <b>1986</b> , 7, 173-178	1
1958	Effect of stripe rust (puccinia striiformis west.) and irrigation on the yield and foliage temperature of wheat. <b>1986</b> , 14, 39-51	34
1957	An assessment of the need for routine use of organomercurial cereal seed treatment fungicides. <b>1986</b> , 13, 3-24	5
1956	Evaluation of triadimenol seed treatment for early season control of tan spot, powdery mildew, spot blotch and Septoria nodorum spot on spring wheat. <b>1986</b> , 5, 83-87	8
1955	Tolerances of barley cultivars to post-emergence herbicides. <b>1986</b> , 26, 383	10
1954	The Effect of Speckled Leaf Blotch on Apical Development and Yield in Winter Wheat in New Zealand. <b>1986</b> , 58, 39-48	5
1953	Laboratory Life Table Studies of the Blackfaced Leafhopper (Homoptera: Cicadellidae) on Johnsongrass and Corn. <b>1986</b> , 15, 1119-1123	11
1952	Summer Populations of the Cereal Aphid Metopolophium dirhodum (Walker) on Winter Wheat: Three Contrasting Years. <b>1986</b> , 23, 101	16
1951	Take-all distribution and soil type on Chalky Boulder Clay. <b>1986</b> , 106, 61-66	2
1950	Results from experiments on winter barley measuring the effects of amount and timing of nitrogen and some other factors on the yield and nitrogen content of the grain. <b>1986</b> , 106, 537-549	5
1949	Some factors affecting the growth and yield of winter wheat grown as a third cereal with much or negligible take-all. <b>1986</b> , 107, 639-671	47
1948	The effects of sowing date and other factors on growth, yield and nitrogen uptake, and on the incidence of pests and diseases, of winter barley at rothamsted from 1981 to 1983. <b>1986</b> , 106, 551-574	12
1947	Applying chlormequat to Triticum durum: response of the crop in the absence of lodging. <b>1986</b> , 106, 625-628	
1946	Effects of spring nitrogen fertilizer on the Hagberg falling number of grain from breadmaking varieties of winter wheat. <b>1986</b> , 107, 475-477	10
1945	Root growth of winter barley in a soil compacted by the passage of tractors. <b>1986</b> , 7, 41-50	10
1944	Alternative models for predicting the foliageAir temperature difference of well irrigated wheat under variable meteorological conditions. I. Derivation of parameters II. Accuracy of predictions. 1986, 7, 225-236	8
1943	Control of take-all of wheat in the field with benzimidazole and triazole fungicides applied at seeding. <b>1986</b> , 35, 67-73	17

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1939	Patterns of development of Septoria nodorum and S. tritici in some winter wheat crops in Western Europe, 1981-83. <b>1986</b> , 35, 466-476	43
1938	Increased susceptibility to Septoria nodorum in winter wheat infected by Tilletia caries. <b>1986</b> , 35, 582-584	3
1937	Effect of mecoprop on plant growth and distribution of photosynthate in wheat (Triticum aestivum L.) seedlings. <i>Weed Research</i> , <b>1986</b> , 26, 227-232	3
1936	The microbiology of soils under successive wheat crops in relation to take-all disease. <b>1986</b> , 38, 99-111	8
1935	Duration of control of stripe rust of wheat with foliar sprays. <b>1986</b> , 15, 9	3
1934	Uptake, translocation and metabolism of fluazifop-butyl in Setaria viridis. <b>1986</b> , 108, 115-123	15
1933	The effect of barley yellow dwarf virus on the amino acid composition of spring wheat. <b>1986</b> , 108, 145-149	52
1932	Interactions between fungicide, plant growth regulator, nitrogen fertiliser applications, foliar disease and yield of winter barley. <b>1986</b> , 108, 151-165	11
1931	The host-plant relationships of apterous virginoparae of the grass aphid Metopolophiurn festucae cerealium. <b>1986</b> , 108, 567-576	11
1930	Resistance to the aphid Metopolophium festucae cerealium: effects of the host plant on flight and reproduction. <b>1986</b> , 108, 577-583	6
1929	The phylloplane microflora of ripening wheat and effect of late fungicide applications. <b>1986</b> , 109, 117-128	47
1928	A comparison of the level of resistance in diploid Triticum monococcum and hexaploid Triticum aestivum wheat seedlings to the aphids Metopolophium dirhodum and Rhopalosiphum padi. <b>1986</b> , 109, 173-177	12
1927	Inheritance of adult plant resistance to mildew in oats. <b>1986</b> , 109, 187-192	22
1926	Short-term forecasting of peak population density of the grain aphid (Sitobion avenae) on wheat. <b>1986</b> , 109, 215-222	23
1925	The capture efficiency of the Dietrick vacuum insect net for aphids on grasses and cereals. <b>1986</b> , 108, 233-241	23

1924	A computer-based advisory system for cereal aphid control. <b>1986</b> , 1, 263-270	10
1923	Effects of hydroxamic acids on the resistance of wheat to the aphid Sitobion avenae. <b>1986</b> , 109, 193-198	69
1922	Experimental verification and development of EPIPRE, a supervised disease and pest management system for wheat. <b>1986</b> , 92, 3-14	15
1921	International testing of incomplete resistance against brown rust (Puccinia recondita) in IPHR wheat lines. <b>1986</b> , 92, 49-56	3
1920	Cereal aphid populations and the relation between mean density and spatial variance. <b>1986</b> , 92, 127-132	8
1919	Effect of temperature on tan spot development in spring wheat cultivars differing in resistance. <b>1986</b> , 8, 451-454	13
1918	Effect of plant age and leaf position on the reaction of barley to Pyrenophora teres. <b>1986</b> , 8, 380-386	23
1917	Resistance of barley varieties to barley fly Delia flavibasis Stein (Diptera: Anthomyiidae). <b>1986,</b> 7, 75-77	1
1916	Physiological Aspects of the Supplementary Foliar Application of P in Intensive Cereal Growing. <b>1986</b> , 408-425	
1915	An analysis of morphological development stages in avalon winter wheat crops with different sowing dates and at ten sites in England and Scotland. <b>1987</b> , 109, 107-121	86
1914	Races of Ustilago tritici and techniques for their study. <b>1987</b> , 9, 91-105	95
1913	Field assessment of factors associated with tolerance of wheat to Heterodera avenae. <b>1987</b> , 33, 357-360	3
1912	Restricted Randomization: A Practical Example. <b>1987</b> , 82, 712-719	17
1911	Didymella phleina Punith. & Esvoll endophytic in barley leaves in New Zealand. 1987, 25, 271-274	2
1910	Comparison of the winter development, reproduction and lifespan of viviparae of Sitobion avenae (F.) and Rhopalosiphum padi (L.) (Hemiptera: Aphididae) on wheat and perennial rye grass in England. <b>1987</b> , 77, 35-43	7
1909	Straw and grain production in spring barley cultivars. <b>1987</b> , 108, 293-298	
1908	Comparison of the effects of spring applications of ammonium chloride and other nitrogen fertilizers on take-all in winter wheat. <b>1987</b> , 108, 567-572	18
1907	Comparison of the effects on eyespot in wheat of fungicides applied to the foliage or shoot bases at different times. <b>1987</b> , 109, 601-604	4

1906	Amounts of NO3-N and NH4-N in soil, from autumn to spring, under winter wheat and their relationship to soil type, sowing date, previous crop and N uptake at Rothamsted, Woburn and Saxmundham, 1979 <b>B</b> 5. <b>1987</b> , 108, 73-95	35
1905	The growth and yield of winter wheat following 10 years of continuous ploughing, shallow-tine cultivation or direct drilling on a non-calcareous clay soil. <b>1987</b> , 108, 335-340	4
1904	The chromosomal locations in wheat of genes conferring differential response to the wild oat herbicide, difenzoquat. <b>1987</b> , 108, 543-548	12
1903	The winter development, reproduction and lifespan of viviparae of Sitobion avenae (F.) (Hemiptera: Aphididae) on wheat in England. <b>1987</b> , 77, 19-34	20
1902	Management of cereal aphid (Hemiptera: Aphididae) populations and their natural enemies in winter wheat by alternate strip spraying with a selective insecticide. <b>1987</b> , 77, 677-682	6
1901	RESPONSE OF MAX SPRING WHEAT TO MANAGEMENT INPUTS. <b>1987</b> , 67, 645-652	7
1900	Incidence of pathogenic fungal complexes in the crowns and roots of winter and spring wheat relative to cropping practice. <b>1987</b> , 9, 265-271	7
1899	Response of spring barley to fungicides, plant growth regulators, and supplemental nitrogen. <b>1987</b> , 9, 255-259	3
1898	MIXTURES OF ANNUAL CROPS FOR FORAGE IN CENTRAL ALBERTA. 1987, 67, 175-183	37
1897	YIELDS OF ANNUAL FORAGES UNDER THREE HARVEST MODES. <b>1987</b> , 67, 831-834	3
1896	COMPARAISONS DE TROIS CEREALES DE PRINTEMPS ET DE CERTAINS DE LEURS CULTIVARS RECOLTES EN VERT ET A LA MATURITE. <b>1987</b> , 67, 137-145	
1895	The biochemical and physiological effects and mode of action of AC 222,293 against Alopecurus myosuroides Huds. and Avena fatua L. <b>1987</b> , 27, 340-349	18
1894	Control of stripe rust of wheat with fungicides applied adjacent to the seed at sowing. <b>1987</b> , 6, 157-160	1
1893	A Study of Feeding by Polyphagous Predators on Cereal Aphids Using Elisa and Gut Dissection. <b>1987</b> , 24, 907	188
1892	Relationship between net blotch (Drechslera teres) and losses in grain yield of barley in Western Australia. <b>1987</b> , 38, 671	38
1891	Response of Hordeum distichon cv. Igri (2-row) and H. hexastichon cv. Plaisant (6-row) winter barley to foliar applications of chlormequat. <b>1987</b> , 16, 129-137	
1890	Lodging effects on high-yielding crops of irrigated semidwarf wheat. <b>1987</b> , 17, 245-258	103
1889	Detection and morphology of hyphae of common bunt fungi (Tilletia laevis and T. tritici) in wheat seedlings. <b>1987</b> , 88, 555-559	9

1888	Effect of high temperatures on survival and development of Puccinia striiformis on wheat. <b>1987</b> , 88, 91-96	8
1887	Temperature and wet-period conditions for infection by Puccinia striiformis f.sp. tritici race 104E137A +. <b>1987</b> , 88, 119-121	21
1886	The development of the barley ear. <b>1987</b> , 21, 17-27	2
1885	Bromus Control in Winter Wheat (Triticum aestivum) with the Ethylthio Analog of Metribuzin. <b>1987</b> , 1, 235-241	28
1884	Response of wheat cultivars to early post-emergence herbicides containing MCPA (2-methyl-4-chlorophenoxyacetic acid). <b>1987</b> , 27, 119	2
1883	Endophytic Fungi in Propiconazole-Treated and Untreated Barley Leaves. <b>1987</b> , 79, 546-552	24
1882	Competition for N and P between wheat and wild oats (Avena sterilis L.) according to the proximity of their time of emergence. <b>1987</b> , 102, 133-136	6
1881	Inhibition of appressorial adhesion of Pyricularia oryzae to barley leaves by fungicides. <b>1987</b> , 19, 145-152	17
1880	Die Reaktion von Getreideblattlüsen (Hom., Aphididae) bei holozyklischer Berwinterung auf die Aussaatzeit von Weizen. Mit Beobachtungen zum Einflußeftiger Niederschliße. <b>1987</b> , 60, 127-133	
1879	Transmission of Fusarium graminearum from seed to stems of winter wheat. <b>1987</b> , 36, 33-37	22
1878	Effects of recombination on races of a barley powdery mildew population. <b>1987</b> , 36, 107-113	36
1877	Sensitivity of Pseudoeevcosporella herpotriehoides to the fungicide prochloraz. <b>1987</b> , 36, 290-296	20
1876	Influence of aldicarb on root lesion nematodes, leaf disease and root rot in wheat and barley. <b>1987</b> , 36, 333-338	18
1875	Survey of benomyl resistance in Fusavium species on winter wheat in England and Wales in 1986. <b>1987</b> , 36, 589-593	21
1874	Use of adjuvants to improve control of black-grass (Alopecurus myosuroides Huds.) by diclofop-methyl. <i>Weed Research</i> , <b>1987</b> , 27, 195-205	2
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1872	Growth Regulation in Crop Plants with New Types of Triazole Compounds1). <b>1987</b> , 158, 324-332	30
1871	Observations on the number of cereal aphids on the soil in relation to aphid density in winter wheat. <b>1987</b> , 111, 53-57	41

1870 The effects of the foliar fungicide pyrazophos on beneficial arthropods in barley fields. <b>1987</b> , 111, 75-87	34
Effects of fungicide treatments and variety on development, grain growth and yield of spring barley. <b>1987</b> , 111, 89-102	6
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Untersuchungen Ber die Wirkung von Ammonium- und Nitrat-Ernflrung auf die Ertrags- und Proteinbildung bei Hafergenotypen. **1988**, 160, 289-295

1851	Analysis of Resistance to Eyespot in Wheat Using Small Seed-Samples. <b>1988</b> , 121, 75-80	
1850	Endophytic Fungi in Four Winter Wheat Cultivars (Triticum aestivum L.) Differing in Resistance Against Stagonospora nodorum (Berk.) Cast. & Germ. =Septoria nodorum (Berk.) Berk <b>1988</b> , 122, 289-306	66
1849	Searching behaviour and cereal aphid consumption by Bembidion lampros and Pterostichus cupreus, in relation to temperature and prey density. <b>1988</b> , 47, 173-182	48
1848	Field assessments of resistance to the aphids Sitobion avenae and Metopolophium dirhodum in old and modern spring-sown wheats. <b>1988</b> , 112, 239-248	7
1847	Electronic recording of plant penetration by the cereal aphids Rhopalosiphum padi and Metopolophium dirhodum on resistant and susceptible wheat seedlings. <b>1988</b> , 112, 471-478	15
1846	The effects of some commonly-used foliar fungicides on Collembola in winter barley: laboratory and field studies. <b>1988</b> , 113, 1-14	12
1845	The effect of powdery mildew (Erysiphe graminis f.sp. avenae) on yield, yield components and grain quality of spring oats. <b>1988</b> , 113, 455-460	3
1844	The effects of foliar fungicides on beneficial arthropods in wheat fields. <b>1988</b> , 33, 87-99	17
1843	Effectiveness of applying urea solution by furrow irrigation to wheat grown on raised beds of an impervious red-brown earth. <b>1988</b> , 17, 61-70	5
1842	The effects of selection for earliness and ear density on grain yield improvement in spring barley (Hordeum vulgare L.). <b>1988</b> , 39, 125	
1841	Half sib selection for resistance to powdery mildew (Erysiphe graminis DC. f.sp. secalis Marchal) in rye populations. <b>1988</b> , 76, 560-4	
1840	Uptake of triadimenol through wheat caryopsis after application by seed treatment. <b>1988</b> , 22, 93-105	6
1839	Field performance of Rendezvous, a wheat cultivar with resistance to eyespot (Pseudocercosporella herpotrichoides) derived from Aegilops ventricosa. <b>1988</b> , 37, 251-260	24
1838	Pseudocercosporella anguioides, a weakly pathogenic fungus associated with eyespot in winter wheat at a site in England. <b>1988</b> , 37, 291-296	13
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1814	Agronomic and Economic Response of Winter Wheat to Foliar Fungicides. <b>1989</b> , 2, 68-73	18
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1808	Influence of crop rotations on winter wheat growth and yield in relation to the dynamics of pathogenic crown and root rot fungal complexes. <b>1989</b> , 11, 114-121	24
1807	Effect of Simulated Goose Grazing on Yield of Autumn-Sown Barley in North- East Scotland. <b>1989</b> , 26, 897	12
1806	Damage to Winter Cereals by Greylag and Pink-Footed Geese in North-East Scotland. <b>1989</b> , 26, 879	27
1805	Effect of interrupted leaf wetness periods on pustule development of Puccinia recondita f. sp. tritici on wheat. <b>1989</b> , 95, 175-185	3
1804	A comparative study of resistance to powdery mildew in wild emmer wheat in the seedling and adult plant stage. <b>1989</b> , 94, 177-184	2
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1800	Effects of the plant growth regulator chlormequat on plant form and yield of triticale. <b>1989</b> , 114, 533-544	8
1799	An analysis of rain-mediated dispersal of Drechslera teres conidia in field plots of spring barley. <b>1989</b> , 115, 209-214	14

1798	Comparison of scales used for categorising the development of wheat, barley, rye and oats. <b>1989</b> , 115, 343-360	31
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1793	Yield losses in spring barley caused by Chromatomyia fuscula (Zett.) (Dipt., Agromyzidae). <b>1989</b> , 108, 306-311	6
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1790	A reflectance model for the homogeneous plant canopy and its inversion. <b>1989</b> , 27, 157-167	245
1789	Nitrogen loss from different tillage systems and the effect on cereal grain yield. <b>1989</b> , 20, 59-66	25
1788	Modification of seedling growth of triticale and barley by seed-applied chlormequat. <b>1989</b> , 8, 117-125	3
1787	Influence of development stage and host genotype on three components of partial resistance to leaf rust in spring wheat. <b>1989</b> , 44, 187-195	42
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1785	Influence of post-infection temperature on three components of partial resistance in wheat to wheat leaf rust. <b>1989</b> , 44, 215-224	14
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1783	Compensation in growth and photosynthesis of wheat (Triticum aestivum L.) following early inoculations with Septoria nodorum (Berk.) Berk <b>1989</b> , 113, 513-521	12
1782	Biomass production and gas exchange of winter wheat as affected by flag leaf inoculations with Septoria nodorum. <b>1989</b> , 112, 229-234	6
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1777	Factors affecting development of Septoria tritici in winter wheat and its effect on yield. <b>1989</b> , 38, 246-257	82
1776	Field persistence of chlorsulfuron and DPX-L5300 in relation to rotational crops. <i>Weed Research</i> , <b>1989</b> , 29, 127-134	7
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1773	Energy balance and water use of cereal crops. <b>1989</b> , 48, 135-147	16
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1769	Effect of Nysius huttoni on the protein and baking properties of two New Zealand wheat cultivars. <b>1989</b> , 17, 55-60	12
1768	Genetic improvement in bread wheat (Triticum aestivum) yield in Argentina. <b>1989</b> , 21, 289-296	129
1767	Infection and control of stripe rust in wheat spikes. <b>1989</b> , 17, 159-164	10
1766	The contribution of nitrogen fertiliser to the nitrogen nutrition of rainfed wheat crops in Australia: a review. <b>1989</b> , 29, 455	63
1765	Grain yield and milling and breadmaking quality responses to fertiliser nitrogen in wheat sown in late autumn. <b>1989</b> , 17, 67-75	1
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1762	A simulation model describing the population dynamics and damage potential of the rose grain aphid, Metopolophium dirhodum (Walker) (Hemiptera: Aphididae), in the UK. <b>1989</b> , 79, 373-380		12	
1761	Effects of winter barley cultivar mixtures on lodging. <b>1989</b> , 112, 47-55		5	
1760	Effects of chlormequat chloride on yield and components of yield in six cultivars of spring barley (Hordeum vulgare). <b>1989</b> , 113, 377-382			
1759	Effects of straw inoculum and fungicides on leaf blotch (Rhynchosporium secalis), growth and yield of winter barley. <b>1989</b> , 112, 85-95		5	
1758	Effects of chlormequat application on stem characteristics, yield and panicle conformation of winter oats. <b>1989</b> , 113, 17-26		18	
1757	EFFECT OF ZINC FERTILIZATION ON PLANT ZINC CONCENTRATION OF FORAGES AND CEREALS. <b>1989</b> , 69, 473-479		6	
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1751	Effect of Temperature on the Development of the Blackfaced Leafhopper (Homoptera: Cicadellidae). <b>1990</b> , 19, 209-214		6	
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1749	Effects of Russian Wheat Aphid (Homoptera: Aphididae) on Winter and Spring Wheat Infested During Different Plant Growth Stages Under Greenhouse Conditions. <b>1990</b> , 83, 2434-2442		11	
1748	Effects of single and repeated applications of chlormequat on early crop development, lodging resistance and yield of winter oats. <b>1990</b> , 115, 11-14		10	
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1746	The influence of Agral 90 surfactant on the activity of imazamethabenz in wild oats (Avena fatua L.). <i>Weed Research</i> , <b>1990</b> , 30, 355-362	1.9	15	
1745	Antagonistic effects of 2,4-D amine and bentazone on control of Avena fatua with tralkoxydim. <i>Weed Research</i> , <b>1990</b> , 30, 389-395	1.9	11	

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1740	Evaluation of the Single Tillers Method for Yield Loss Assessment in Wheat Under Israeli Conditions. <b>1990</b> , 130, 331-341	4
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1736	Assessment of yield loss caused by Rhizoctonia root rot in a barley crop sown following cultivation at Nhill, north-west Victoria. <b>1990</b> , 19, 77	5
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1707	Inoculum of Pyrenophora tritici-repentis in relation to epidemics of tan spot of winter wheat in Ontario. <b>1990</b> , 12, 149-157	20
1706	Crop sequences and tillage practices in relation to diseases of winter wheat in Ontario. <b>1990</b> , 12, 358-368	44
1705	Chronobiological Investigations of Crops Grown under Biodynamic Management. I. Experiments with Seeding Dates to Ascertain the Effects of Lunar Rhythms on the Growth of Winter Rye (Secale cereale, cv. Nomaro). <b>1990</b> , 7, 165-178	7
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1699	Changes in Forage Yield and Composition of Wheat and Wheat-Ryegrass Mixtures with Maturity. <b>1990</b> , 73, 1296-1303	8
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1696	Mathematics and Statistics for Analyses in Epidemiology. <b>1990</b> , 12-52	38
1695	Changes in populations of Pseudocercosporella herpotrichoides in successive crops of winter wheat in relation to initial populations and fungicide treatments. <b>1990</b> , 9, 135-142	18
1694	Analysis of the Spatial Component of Pesticide Side-Effects on Non-Target Invertebrate Populations and Its Relevance to Hazard Analysis. <b>1990</b> , 4, 349	69
1693	Leaf Blotch of Barley (Rhynchosporium secalis). <b>1991</b> , 146, 339-358	9
1692	Predicting Diet Protein Degradability from Individual Ingredient Estimations In Diets Containing Barley Silages. <b>1991</b> , 74, 3486-3491	8
1691	Effects of perennial forage-legume living mulches on no-till winter wheat and rye. <b>1991</b> , 28, 135-148	24

## (1991-1991)

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1689	Prediction of flag-leaf emergence in wheat crops. <b>1991</b> , 27, 119-130	1
1688	Fungal communities in winter wheat roots following crop rotations suppressive and nonsuppressive to take-all. <b>1991</b> , 69, 39-43	5
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1683	Evaluation of in-furrow fungicide treatments to control rhizoctonia root rot of wheat. <b>1991</b> , 10, 473-478	12
1682	Effects of fungicides on eyespot in five successive crops of winter wheat in plots with different initial or fungicide-selected populations of Pseudocercosporella herpotrichoides. <b>1991</b> , 10, 479-484	10
1681	The development of seed quality in spring barley in four environments. I. Germination and longevity. <b>1991</b> , 1, 163-177	72
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1677	Response of vulpia [Vulpia bromoides (L.) S. F. Gray and V. myuros (L.) C. C. Gmelin] and subterranean clover to rate and time of application of simazine. <b>1991</b> , 31, 785	2
1676	An analysis of yield reduction caused by stripe rust in Rongotea wheat <b>1991</b> , 42, 45	12
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1668	Potassium Fertilization of Doublecropped Wheat and Soybeans under Two Tillage Systems. <b>1991</b> , 4, 555-560	6
1667	Effect of Symptom Variants Derived from the NY-MAV Isolate of Barley Yellow Dwarf Virus on the Life Cycle of the English Grain Aphid (Homoptera: Aphididae) and on Yield Components in Wheat and Oats. <b>1991</b> , 84, 1920-1925	23
1666	Spring Control of the Hessian Fly (Diptera: Cecidomyiidae) in Winter Wheat Using Insecticides. <b>1991</b> , 84, 1913-1919	4
1665	Effect of spraytopping applications of paraquat and glyphosate on the nutritive value and regeneration of vulpia (Vulpia bromoides (L.) S.F. Gray). <b>1991</b> , 42, 1405	9
1664	Effect of seeding date, rate and depth on winter wheat grown on conventional fallow in S.W. Saskatchewan. <b>1991</b> , 71, 51-61	29
1663	Effectiveness of zinc sulfate and zinc chelate as foliar sprays in alleviating zinc deficiency of wheat grown on zinc-deficient soils in Western Australia. <b>1991</b> , 31, 831	34
1662	Effects of fungicides, applied in autumn, and a growth regulator, applied in spring, on the growth and yield of winter barley grown on contrasting soil types. <b>1991</b> , 117, 287-297	1
1661	Apex and ear development in relation to the number of grains on the main-stem ears in spring barley (Hordeum distichon). <b>1991</b> , 117, 39-45	13
1660	Leaf and flower initiation in potato (Solanum tuberosum) sprouts and stems in relation to number of nodes and tuber initiation. <b>1991</b> , 117, 61-74	23
1659	Effects of urea alone or with fungicide on the yield and breadmaking quality of wheat when sprayed at flag leaf and ear emergence. <b>1991</b> , 117, 149-155	21
1658	Identification of Russian Wheat Aphid (Homoptera: Aphididae) Resistance in Wheat. <b>1991</b> , 84, 328-332	55
1657	Evaluation of shallow tillage for spring cereals on a fine sandy loam. 1. Growth and yield components, N accumulation and tillage economics. <b>1991</b> , 21, 23-35	25
1656	Effects of soil physical conditions on root growth and water use of barley grown in containers. <b>1991</b> , 21, 309-323	4
1655	The effects of straw disposal and depth of cultivation on the growth, nutrient uptake and yield of winter wheat on a clay and a silt soil. <b>1991</b> , 7, 217-222	13

1654	Translocation and cycling through roots of recently absorbed nitrogen and sulphur in wheat (Triticum aestivum) during vegetative and generative growth. <b>1991</b> , 82, 345-352	91
1653	Quantitative-Genetic Basis of Sprouting Resistance in Rye. <b>1991</b> , 106, 196-203	13
1652	Analysis of Factors that Influence Kernel Weight of Wheat Infected by Septoria nodorum. <b>1991</b> , 106, 242-249	О
1651	Epidermal conductance in different parts of durum wheat grown under Mediterranean conditions: the role of epicuticular waxes and stomata. <b>1991</b> , 14, 545-558	67
1650	Interference of nutrients with fungicide activity against Septoria nodorum on wheat leaves. <b>1991</b> , 40, 25-37	7
1649	The assessment of infectious disease for brown rust (Puccinia hordei) of barley. <b>1991</b> , 40, 374-381	14
1648	Effects of Rhynchosporium secalis at specific growth stages on barley grown in a controlled environment. <b>1991</b> , 40, 561-567	2
1647	Field emergence of Avena fatua L. and A. sterilis ssp. ludoviciana (Dur.) Nym. in Aragā, Spain. <i>Weed Research</i> , <b>1991</b> , 31, 29-32	10
1646	Effect of foliar diseases of wheat on the physiological processes affecting yield under semi-arid conditions. <b>1991</b> , 40, 533-541	5
1645	Effect of nitrogen nutrition of the host on the epidemiology of Puccinia striiformis f.sp. tritici and crop yield in wheat. <b>1991</b> , 20, 108	13
1644	Wurzelsystem, Biomasseproduktion, Bestockung und Ertragsbildung von vier Winterweizensorten in einem System mit geringer Betriebsmittelzufuhr von außn. <b>1991</b> , 166, 24-39	3
1643	Einflulvon Monoethanolamin auf den Ertrag von Kulturpflanzen. <b>1991</b> , 166, 117-126	3
1642	The Effects of Ethephon, Chlormequat Chloride and Mixtures of Ethephon and Chlormequat Chloride Applied at the Beginning of Stem Elongation on Spike-Bearing Shoots and other Yield Components of Spring Barley (Hordeum vulgare L.). <b>1991</b> , 166, 127-135	9
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1640	Hydroxamic acids affecting barley yellow dwarf virus transmission by the aphid Rhopalosiphum padi. <b>1991</b> , 59, 79-85	45
1639	Surveys of diseases of winter wheat in England and Wales, 1976¶988. <b>1991</b> , 119, 1-20	107
1638	A key for the stages of development of potato (Solatium tuberosum). <b>1991</b> , 119, 387-399	34
1637	The effects of nitrogen and fungicide on cereal aphid population development and the consequences for the aphid-yield relationship in winter wheat. <b>1991</b> , 119, 433-441	9

1636	The economics of reduced-rate insecticide applications to control aphids in winter wheat. <b>1991</b> , 119, 451-464	19
1635	Studies on the patterns of nitrogen uptake and translocation to the grain of winter barley intended for malting. <b>1991</b> , 119, 549-559	16
1634	A uniform decimal code for growth stages of crops and weeds. <b>1991</b> , 119, 561-601	1229
1633	A computer-based advisory system for cereal aphids-field-testing the model. <b>1991</b> , 118, 503-512	6
1632	Rapid determination of shoot nitrogen status in rice using near infrared reflectance spectroscopy. <b>1991</b> , 54, 191-197	31
1631	Investigation into the response of barley to applied zinc. <b>1991</b> , 54, 387-392	4
1630	Consumption of aphid honeydew, a wheat yield reduction factor, by phyllosphere yeasts under field conditions. <b>1991</b> , 97, 209-232	36
1629	The fate of urea nitrogen applied in a foliar spray to wheat at heading. <b>1991</b> , 28, 129-138	28
1628	Simulation of the effects of nitrogen supply on yield formation processes in winter wheat with the model TRITSIM. <b>1991</b> , 27, 293-304	8
1627	Response of wheat to nitrogen fertilization, a data set to validate simulation models for nitrogen dynamics in crop and soil. <b>1991</b> , 27, 349-383	59
1626	Comparison of resistance of triticale, wheat and spelt to septoria nodorum blotch at the seedling and adult plant stages. <b>1991</b> , 55, 43-48	9
1625	The evaluation of adult plant resistance to powdery mildew (Erysiphe graminis f.sp. avenae) in transgressive lines of oats. <b>1991</b> , 53, 143-149	11
1624	Greenhouse evaluation of red winter wheats for resistance to the Russian wheat aphid (Diuraphis noxia, Mordvilko). <b>1991</b> , 57, 221-225	24
1623	Influence of different soil types on abundance and seasonal dynamics of vesicular arbuscular mycorrhizal fungi in arable soils of North Germany. <b>1991</b> , 1, 39-44	35
1622	A modified Zadoks decimal code for the growth stages of rice. <b>1991</b> , 37, 277-280	2
1621	Pathogenic variation in Rhynchosporium secalis on barley in Canada. <b>1991</b> , 13, 298-304	46
1620	Observations on the distribution of flame chlorosis in Manitoba and its association with certain zoosporic fungi and the intensive cultivation of cereals. <b>1991</b> , 13, 241-246	6
1619	Response of winter barley cultivars to nitrogen and a plant growth regulator in relation to lodging. <b>1991</b> , 116, 191-200	16

1618	Hand-held radiometry and IR-thermography of plant diseases in field plot experiments 1991, 12, 545-557	46
1617	Natural Control of Cereal Aphids (Homoptera: Aphididae) by Entomopathogenic Fungi (Zygomycetes: Entomophthorales) and Parasitoids (Hymenoptera: Braconidae and Encyrtidae) on Irrigated Spring Wheat in Southwestern Idaho. <b>1991</b> , 20, 1699-1710	71
1616	ESTIMATING ADULT COCCINELLID POPULATIONS IN WHEAT FIELDS BY REMOVAL, SWEEPNET, AND VISUAL COUNT SAMPLING1. <b>1991</b> , 123, 13-22	17
1615	Comparison of the effect of leaf rust on the grain yield of resistant, partially resistant, and susceptible spring wheat cultivars. <b>1991</b> , 6, 115-121	5
1614	Biotypic Variation in a Worldwide Collection of Russian Wheat Aphid (Homoptera: Aphididae). <b>1992</b> , 85, 1497-1506	85
1613	Nitrogen Utilization in N-limited Barley During Vegetative and Generative Growth. <b>1992</b> , 43, 15-23	31
1612	Prevalence, distribution, and importance of fusarium head blight in wheat in Manitoba. <b>1992</b> , 14, 233-238	54
1611	Influence of Environment and Genotype on Spring Wheat Yield and Bread-Making Quality under Finnish Conditions. <b>1992</b> , 42, 111-117	1
1610	Mixed Cropping of Cereals to Suppress Plant Diseases and Omit Pesticide Applications. <b>1992</b> , 8, 299-308	15
1609	Characterization of Plant Damage Caused by Russian Wheat Aphid (Homoptera: Aphididae). <b>1992</b> , 85, 2017-2022	54
1608	Categories of Resistance in Plant Introductions of Wheat Resistant to the Russian Wheat Aphid (Homoptera: Aphididae). <b>1992</b> , 85, 1480-1484	42
1607	Morphological characteristics of wheat associated with high productivity. <b>1992</b> , 72, 689-698	5
1606	The Effect of Crop Rotation on Development of the Septoria Disease Complex on Spring Wheat in Saskatchewan. <b>1992</b> , 14, 152-158	37
1605	Root growth and soil-water extraction by winter and spring wheat. <b>1992</b> , 72, 1109-1120	24
1604	Effect of ammonium chloride, ammonium sulphate and sodium nitrate on take-all and grain yield of wheat in southwestern Australia. <b>1992</b> , 15, 2639-2651	5
1603	Contribution of Avena spp., used in crop rotation systems under conservation tillage, to the inoculum levels of some cereal pathogens. <b>1992</b> , 14, 271-277	4
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1601	Mineral content of soft winter wheat as influenced by nitrogen fertilization and management. <b>1992</b> , 23, 455-467	4

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1597	Forage production by four annual cropping sequences emphasizing barley under irrigation in southern interior British Columbia. <b>1992</b> , 72, 181-185	15
1596	Agronomic response of six-row barley cultivars to supplemental fertilization and late-season fungicide treatments. <b>1992</b> , 72, 1121-1130	7
1595	Binomial Sampling for Predicting Density of Russian Wheat Aphid (Homoptera: Aphididae) on Winter Wheat in the Fall Using a Measurement Error Model. <b>1992</b> , 85, 1167-1175	14
1594	Feeding Behavior of the Russian Wheat Aphid (Homoptera: Aphididae) on Wheat and Resistant and Susceptible Slender Wheatgrass. <b>1992</b> , 85, 2012-2016	9
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1591	Effect of rates and timing of nitrogen fertilizer on the grain protein content of wheat (Triticum aestivum), grown in two contrasting seasons in South East England. <b>1992</b> , 118, 265-269	3
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1588	Nitrogen uptake, water use, grain yield and protein content in wheat. <b>1992</b> , 29, 1-14	21
1587	Inhibition of deoxynivalenol translocation and fungal colonization in Fusarium head blight resistant wheat. <b>1992</b> , 70, 1570-1576	96
1586	Antagonistic effect of MCPA on Avena sterilis with tralkoxydim. <b>1992</b> , 9, 1-3	4
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1582	Effects of temperature on the response of some Australian wheat cultivars to Puccinia striiformis f. sp. tritici. <b>1992</b> , 96, 166-170	20
1581	Effect of undersowing barley with Italian ryegrass or red clover on yield, crop composition and root biomass. <b>1992</b> , 38, 127-137	20
1580	Simulating winter wheat spike development and growth. <b>1992</b> , 60, 193-220	20
1579	Assessment of resistance in barley to Pyrenophora teres and Pyrenophora japonica. <b>1992</b> , 11, 240-242	7
1578	Effect of propiconazole on necrotrophic fungi and yield of barley genotypes differing in susceptibility to Rhynchosporium secalis. <b>1992</b> , 11, 243-247	8
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1576	Spatial analysis of wheat stripe rust epidemics. <b>1992</b> , 11, 131-137	6
1575	Sequential sampling for wheat stripe rust management. <b>1992</b> , 11, 138-140	11
1574	Deposition characteristics and biological effectiveness of fungicides applied to winter wheat and the hazards of drift when using different types of hydraulic nozzles. <b>1992</b> , 11, 541-546	16
1573	Influence of seed depth and molluscicide pellet placement and timing on slug damage, activity and survival in winter wheat. <b>1992</b> , 11, 555-560	5
1572	Yield of winter wheat influenced by the interactions between crop management measures and take-all. <b>1992</b> , 1, 201-206	6
1571	Genotypic variation in grain nitrogen content of wheat as affected by mineral nitrogen supply in the soil. <b>1992</b> , 1, 155-162	20
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1568	Effects of leaf rust on selected Australian barleys. <b>1992</b> , 32, 747	44
1567	Growth Response of Wheat (Triticum aestivum) Callus to Imazapyr and in Vitro Selection for Resistance. <b>1992</b> , 40, 174-179	6
1566	Relationships between take-all, soil conduciveness to the disease, populations of fluorescent pseudomonads and nitrogen fertilizers. <b>1992</b> , 145, 17-27	50
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1563	Influence of climatic and nutritional factors on yeast population dynamics in the phyllosphere of wheat. <b>1992</b> , 23, 41-52		38
1562	Complementary patterns of stiffness in stem and leaf sheaths of Triticale: Measurements of ultrasound velocity. <b>1992</b> , 187, 301-5		14
1561	Terrestrial non-target invertebrates and the autumn application of synthetic pyrethroids: Experimental methodology and the trade-off between replication and plot size. <b>1992</b> , 23, 246-258		31
1560	Effects of some nonionic polyoxyethylene surfactants on uptake of ethirimol and diclobutrazol from suspension formulations applied to wheat leaves. <b>1992</b> , 34, 109-118		31
1559	Effect of DIMBOA, an aphid resistance factor in wheat, on the aphid predatorEriopis connexa Germar (Coleoptera: Coccinellidae). <b>1992</b> , 18, 469-79		34
1558	Foliar urea fertilization of cereals: A review. <b>1992</b> , 32, 209-222		127
1557	The effect of zinc fertilizer on take-all and the grain yield of wheat grown on zinc-deficient soils of the Esperance region, Western Australia. <b>1992</b> , 31, 215-219		15
1556	Comparative responses of annual pasture legume species to superphosphate applications in medium and high rainfall areas of Western Australia. <b>1992</b> , 31, 21-33		15
1555	The role of manganese and nitrogen nutrition in the susceptibility of wheat plants to take-all in Western Australia. <b>1992</b> , 31, 35-41		39
1554	Effect of superphosphate and nitrogen on yield and take-all of wheat. <b>1992</b> , 31, 43-49		15
1553	Measuring the Severity of Eyespot Disease Induced by Pseudocercosporella herpotrichoides (Fron) Deighton in Wheat Cultivars at Different Growth Stages. <b>1992</b> , 108, 202-209		19
1552	Test Systems for Evaluating Quantitative Resistance Against Fusarium Foot Rot in Inbred Lines of Winter Rye. <b>1992</b> , 108, 274-282		8
1551	Genetic Variability for Grain Yield and Protein Content in Barley and Its Modification by Net Blotch. <b>1992</b> , 108, 296-301		2
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1547	A comparison of root and shoot competition between spring cereals and Avena fatua L <i>Weed Research</i> , <b>1992</b> , 32, 45-55	1.9	100

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1544	Disease-yield relationship in barley. II. Contribution of stored stem reserves to grain filling. <b>1992</b> , 41, 688-701	39
1543	The response of spring wheat (Triticum aestivum L.) to ozone at higher elevations. <b>1992</b> , 121, 201-210	25
1542	Evaluation of four zero-tillage drills equipped with different row openers for seeding winter wheat in the semi-arid prairies. <b>1992</b> , 25, 1-16	2
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1539	A rapid shake-elution procedure for quantifying root lesion nematodes (Pratylenchus thornei) in chickpea and wheat. <b>1992</b> , 21, 70	
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1537	The effect of the systemic fungicide benomyl on survival and reproduction of the bird cherry aphid (Rhopalosiphum padi). <b>1992</b> , 120, 245-255	4
1536	The use of tracers to estimate the exposure of beneficial insects to direct pesticide spraying in cereals. <b>1992</b> , 121, 239-247	52
1535	The role of annual grasses in the phenology of Rhopalosiphum padi in the low rainfall belt of South Australia. <b>1992</b> , 121, 455-467	8
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1528	Epizootics caused by entomophthoralean fungi (Zygomycetes, Entomophthorales) in populations of cereal aphids (Hom., Aphididae) in irrigated small grains of southwestern Idaho, USA. <b>1992</b> , 113, 376-390	35
1527	The induction of alatae in Rhopalosiphum padi (L.) (Hom., Aphididae) in relation to crowding and plant growth stage in spring sown barley. <b>1992</b> , 114, 491-496	5
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1522	Estimation of potentially mineralisable nitrogen in soil by KCl extraction. 1993, 157, 167-174	35
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1520	Grain protein and grain yield of tritordeum in comparison to wheat and triticale. <b>1993</b> , 153, 287-293	
1519	Genetic analysis of inbred lines and their crosses for resistance to head blight (Fusarium culmorum, F. graminearum) in winter rye. <b>1993</b> , 65, 123-133	27
1518	Relationship between grain yield and grain nitrogen concentration in winter triticale. <b>1993</b> , 71, 115-123	11
1517	Reaction of triticale, wheat and rye accessions to graminaceous Fusarium spp. infection at the seedling and adult plant growth stages. <b>1993</b> , 70, 175-183	49
1516	Associations and genetics of three components of slow rusting in leaf rust of wheat. <b>1993</b> , 68, 99-109	51
1515	Genotypic differences in phosphorus efficiency of wheat. <b>1993</b> , 155-156, 293-296	35
1514	Genotypic variation in durum wheat root systems at different stages of development in a Mediterranean environment. <b>1993</b> , 66, 197-206	18
1513	Components of adult plant resistance to leaf rust in wheat. <b>1993</b> , 70, 131-140	15
1512	Take-all in autumn-sown wheat, barley, triticale and rye grown with high and low inputs. <b>1993</b> , 42, 425-431	15
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Interaction of 1504 170, 296-308	Late Season Foliar Spray of Urea and Fungicide Mixture in Wheat Production. <b>1993</b> ,		8
Crop monitori <sup>1503</sup> 122, 161-172	ing to assess the risk of slug damage to winter wheat in the United Kingdom. 1993,		24
Field tests of <b>1993</b> , 122, 253	bacteria and soil-applied fungicides as control agents for take-all in winter wheat. 3-270		12
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Jan Carel Zado 1494 <b>1993</b> , 99, 7-18	loks, Professor in Ecological Plant Pathology, Wageningen Agricultural University. 3		
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1483	Effect of sowing depth on seedling emergence, growth and development in barley and wheat. <b>1993</b> , 35, 101-111	48
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1481	Single ear yield from different shoot categories of winter wheat following either wheat or rapeseed. <b>1993</b> , 2, 105-112	1
1480	Effect of drought on yield and yield components of durum wheat and triticale in a Mediterranean environment. <b>1993</b> , 33, 399-409	108
1479	Improved estimation of the incidence of Microdochium nivale in winter wheat stems in England and Wales, during 1992, by use of benomyl agar. <b>1993</b> , 97, 1172-1174	33
1478	Fungicide treatments, applied in-furrow to undisturbed or cultivated soils, for control of rhizoctonia root rot of barley. <b>1993</b> , 12, 273-278	3
1477	Mechanism of control of eyespot disease in winter wheat by the fungicide prochloraz. <b>1993</b> , 12, 279-283	2
1476	Changes in sensitivity to DMI fungicides in Rhynchosporium secalis. <b>1993</b> , 12, 357-362	46
1475	Crop rotation with pure stands and mixtures of barley and wheat to control stem and root rot diseases. <b>1993</b> , 12, 373-379	19

1474	Epidemiology of RPV- and PAV-like barley yellow dwarf viruses on winter barley in central Spain. <b>1993</b> , 12, 224-228	4
1473	Incidence and population fluctuation of Diuraphis noxia in Hungary. <b>1993</b> , 12, 605-609	15
1472	Two-row barley response to diclofop and HOE-6001. <b>1993</b> , 12, 155-159	2
1471	Above-ground vegetative development and growth of winter wheat as influenced by nitrogen and water availability. <b>1993</b> , 68, 183-203	30
1470	Influence of water deficit on the phytotoxicity of imazamethabenz and fenoxaprop among five wild oat populations. <b>1993</b> , 33, 283-291	13
1469	Phytotoxicity of deoxynivalenol to wheat tissue with regard to in vitro selection for fusarium head blight resistance. <b>1993</b> , 94, 195-206	42
1468	Relative occurrence of Phaeosphaeria nodorum and Mycosphaerella graminicola on spring wheat in Saskatchewan. <b>1993</b> , 15, 113-118	3
1467	Nitrogen use efficiency by winter barley under different climatic conditions. <b>1993</b> , 16, 1249-1261	9
1466	The effects of weather, seed rate and cultivar on lodging and yield in winter wheat. <b>1993</b> , 121, 145-156	100
1465	Assessment of aphid lethal paralysis virus as an apparent population growth-limiting factor in grain aphids in the presence of other natural enemies. <b>1993</b> , 3, 455-466	10
1464	Compatibility of Imidacloprid with Fungicides as a Seed-Treatment Control of Russian Wheat Aphid (Homoptera: Aphididae) and Effect on Germination, Growth, and Yield of Wheat and Barley. <b>1993</b> , 86, 586-593	31
1463	Effect of fungicide seed dressings on leaf stripe of barley caused by Pyrenophora graminea S. Ito Kuribay. <b>1993</b> , 33, 465	1
1462	Cobalt content of forages and cereals grown on Prince Edward Island. <b>1993</b> , 73, 1-7	5
1461	Selenium content of barley as influenced by selenite and selenate-enriched fertilizers. <b>1993</b> , 24, 1165-1170	20
1460	Potential of Hydroxamic Acids in Breeding for Aphid Resistance in Wheat. <b>1993</b> , 43, 163-167	3
1459	Evaluation of resistance to speckled snow mold in winter wheat. <b>1993</b> , 15, 284-292	4
1458	A small increase in the concentration of phosphorus in the sown seed increased the early growth of wheat. <b>1993</b> , 16, 851-864	9
1457	Plant density and wheat stem sawfly (Hymenoptera: Cephidae) resistance in Syrian wheats. <b>1993</b> , 83, 95-102	7

	Evaluation of Russian Wheat Aphid (Homoptera: Aphididae) Damage on Resistant and Susceptible Hosts with Comparisons of Damage Ratings to Quantitative Plant Measurements. <b>1993</b> , 86, 974-980	54
	An Overview: Resistance to the Russian Wheat Aphid (Homoptera: Aphididae) Within the Perennial Triticeae. <b>1993</b> , 86, 1609-1618	8
	Effect of ammonium chloride, ammonium sulphate, and sodium nitrate on take-all and grain yield of wheat grown on soils in South-western Australia. <b>1993</b> , 16, 349-358	9
	Al toxicity of wheat grown in acidic subsoils in relation to soil solution properties and exchangeable cations. <b>1993</b> , 31, 583	10
1452	The impact of chlorsulfuron and diclofop-methyl on nutrient uptake by wheat <b>1993</b> , 44, 1757	18
1451	Radiometry accurately measures chlorsulfuron injury to barley. <b>1993</b> , 44, 13	8
	Influence of rainfall and temperature on sensitivity of barley (Hordeum vulgare) to chlorsulfuron. <b>1993</b> , 44, 23	6
1449	Excised-leaf water status evaluation and associations in field-grown winter wheat. <b>1993</b> , 73, 55-63	10
	Overwintering of Cereal Aphids (Homoptera: Aphididae) on Durum Wheat in a Mediterranean Climate. <b>1993</b> , 22, 381-387	16
1447	Russian Wheat Aphid (Homoptera: Aphididae) Affects Yield and Quality of Wheat. <b>1993</b> , 86, 594-601	31
1446	Differences in barley grain yields as a result of soil variability. <b>1993</b> , 120, 171-180	19
	Effects of nitrogen and the plant growth regulator chlormequat on grain size, nitrogen content and amino acid composition of triticale. <b>1993</b> , 120, 159-169	6
	Effects of nitrogen timing and frequency of fungicide applications on grain yields of winter barley in Ireland. <b>1993</b> , 120, 181-186	6
1443	The nutritive value of wheat and oat silages ensiled on three cutting dates. <b>1993</b> , 121, 233-240	7
	Influence of Growth Stage on Spring Barley (Hordeum vulgare) Tolerance to Chlorsulfuron. <b>1993</b> , 41, 127-132	1
1441	Row Orientation and Planting Pattern of Relay Intercropped Soybean and Wheat. <b>1993</b> , 6, 360-364	1
	Effect of nitrogen on the availability of previous and current applications of copper fertiliser for grain yield of wheat grown in south-west Western Australia. <b>1993</b> , 33, 901	0
	Influence of Planting Date and Seeding Rate on Winter Wheat Grain Yield and Yield Components. <b>1993</b> , 6, 408-414	29

1438	Cropping Systems for Stretching Limited Irrigation Supplies. <b>1993</b> , 6, 520-529	42
1437	Phosphorus efficiency in pasture species. VIII. Ontogeny, growth, P acquisition and P utilization of Italian ryegrass and phalaris under P deficient and P sufficient conditions. <b>1994</b> , 45, 669	8
1436	Dry-matter production, mineral nutrient concentrations, and nutrient distribution and redistribution in irrigated spring wheat. <b>1994</b> , 17, 1289-1308	90
1435	YIELD OF SPRING WHEAT IN RELATION TO LEVEL OF INFESTATION BY GREENBUGS (HOMOPTERA: APHIDIDAE). <b>1994</b> , 126, 61-66	8
1434	Selection for decreased sensitivity to propiconazole in experimental field populations of Stagonospora nodorum (syn. Septoria nodorum). <b>1994</b> , 16, 109-117	7
1433	Interaction of salinity, nitrogen, and phosphorus fertilization on wheat. <b>1994</b> , 17, 1163-1173	31
1432	A High Performance Liquid Chromatography Method for Quantification of Diboa, DIMBOA, and MBOA from Aqueous Extracts of Corn and Winter Cereal Plants. <b>1994</b> , 17, 2651-2665	12
1431	Effects of Organic Fertilizers and Urea when Applied to Spring Wheat. <b>1994</b> , 44, 170-178	4
1430	Intercropping wheat and barley with N-fixing legume species: a method for improving ground cover, N-use efficiency and productivity in low input systems. <b>1994</b> , 123, 175-183	23
1429	The mineral nutrient composition of wheat grains from ears grown to maturity in the field or cultured in media containing different concentrations of P, Mg, K and Ca. <b>1994</b> , 4, 407-413	1
1428	Screening for Partial Resistance to an Isolate of Crown Rust (Puccinia coronata f. sp. avenae) Race 264 in Oat Cultivars and Breeding Lines. <b>1994</b> , 16, 49-55	8
1427	Effect of various sources of selenium fertilization on the selenium concentration of feed crops. <b>1994</b> , 74, 285-290	34
1426	Critical toxic concentrations of boron are variable in barley. <b>1994</b> , 17, 1701-1719	15
1425	Presence of a hydroxamic acid glucoside in wheat phloem sap, and its consequences for performance of Rhopalosiphum padi (L.) (Homoptera: Aphididae). <b>1994</b> , 20, 1923-30	53
1424	Carbon distribution and nitrogen partitioning in a soil-plant system with barley (Hordeum vulgare L.), ryegrass (Lolium perenne) and rape (Brassica napus L.) grown in a14CO2-atmosphere. <b>1994</b> , 166, 63-74	30
1423	Losses of 14C from roots of pulse-labelled wheat and barley during washing from soil. <b>1994</b> , 166, 93-99	9
1422	Influence of light intensity on the distribution of carbon and consequent effects on mineralization of soil nitrogen in a barley (Hordeum vulgare L.)-soil system. <b>1994</b> , 160, 21-31	29
1421	The use of colony development for the characterization of bacterial communities in soil and on roots. <b>1994</b> , 27, 81-97	181

1420	Effect of decapitation on absorption, translocation, and phytotoxicity of imazamethabenz in wild oat (Avena fatua L.). <b>1994</b> , 13, 153-158		7
1419	Evaluation of the use of a model rhizodeposition technique to separate root and microbial respiration in soil. <b>1994</b> , 165, 89-101		63
1418	Evaluation of proline analysis and chlorophyll fluorescence quenching measurements as drought tolerance indicators in durum wheat (Triticum turgidum L. var. durum). <b>1994</b> , 79, 65-73		30
1417	Evolution of virulence patterns in yellow rust races and its implications for Ereeding for resistance in wheat in Kenya. <b>1994</b> , 80, 165-170		17
1416	The residual effectiveness of previously applied copper fertiliser for grain yield of wheat grown on soils of south-west Australia. <b>1994</b> , 39, 11-18		15
1415	Wheat growth from phosphorus fertilizers as affected by time and method of application in soil with an acidic subsurface layer. <b>1994</b> , 39, 77-82		5
1414	Alley cropping and mulching withErythrina poeppigiana (Walp.) O. F. Cook andGliricidia sepium (Jacq.) Walp.: effects on maize/weed competition. <b>1994</b> , 25, 119-134		11
1413	Influence of time of tillage on growth and yield parameters of spring cereals in a cool, humid climate. <b>1994</b> , 29, 71-82		7
1412	Soil and crop responses to different tillage systems. <b>1994</b> , 29, 335-355		43
1411	Studies of seasonal changes in the microbial populations on the phyllosphere of spring wheat as a prelude to the release of a genetically modified microorganism. <b>1994</b> , 50, 87-101		51
1410	Effect of a genetically modified Pseudomonas aureofaciens on indigenous microbial populations of wheat. <b>1994</b> , 13, 249-257		12
1409	Evaluation of fungicides for control of eyespot disease and yield loss nationships in winter wheat. <b>1994</b> , 43, 831-846		13
1408	The mechanism of differential response of wheat cultivars to chlorsulfuron. <i>Weed Research</i> , <b>1994</b> , 34, 299-308	1.9	6
1407	Comparative Field Performance of Tissue Culture-Derived Lines and Breeder Lines of HY320 Spring Wheat. <b>1994</b> , 112, 183-191		12
1406	Relationship between the Origin of European Landraces and the Level of Partial Resistance to Wheat Leaf Rust. <b>1994</b> , 113, 75-78		8
1405	Progress since the 1930s in Breeding for Yield, its Components, and Quality Traits of Spring Wheat in Finland. <b>1994</b> , 113, 177-186		22
1404	Analyses of Interactions of Wheat Cultivars in Tests for Resistance to Pseudocercosporella herpotrichoides. <b>1994</b> , 113, 272-280		5
1403	Resistance to Karnal Bunt (Tilletia indica Mitra) in Synthetic Hexaploid Wheats Derived from Triticum turgidum <b>I</b> I. tauschii. <b>1994</b> , 112, 63-69		30

1402	Light quality beneath field-grown maize, soybean and wheat canopies Ired:far red variations. <b>1994</b> , 91, 322-328	44
1401	Interactions between Erysiphe graminis and Septoria nodorum on wheat. <b>1994</b> , 43, 158-163	15
1400	Thresholds for control of Septoria spp. in winter wheat based on precipitation and growth stage. <b>1994</b> , 43, 183-189	26
1399	Selection of pathotypes of Erysiphe graminis f.sp. hordei in pure and mixed stands of spring barley. <b>1994</b> , 43, 458-470	42
1398	Bacterial leaf streak or black chaff of cereals. <b>1994</b> , 24, 135-157	5
1397	PhBotyp und Futterqualitat einschliefilich Konservierungseigenschaften bei Grasern. <b>1994</b> , 172, 289-304	2
1396	Response of Triticale Grain Yield and Yield Components to Number of Cuttings in a Mediterranean Environment. <b>1994</b> , 173, 106-112	
1395	Effects of Seeding Rate on Growth Duration and Accumulation and Partitioning of Dry matter in Oats. <b>1994</b> , 173, 145-159	6
1394	Effects of Temporary Water Stress After Anthesis on Grain Yield and Yield Components in Different Tiller Categories of Two Spring Wheat Varieties. <b>1994</b> , 173, 32-40	15
1393	Development of Pseudocercosporella herpotrichoides (Fron) Deighton var. herpotrichoides and var. acuformis on Wheat Plants Measured by ELISA. <b>1994</b> , 140, 301-311	14
1392	Differential Sensitivity of Wheat Embryos against Extracts Containing Toxins of Septoria nodorum: First Steps towards in vitro Selection. <b>1994</b> , 141, 233-240	20
1391	The efficiency of a new lightweight suction sampler for sampling aphids and their predators in arable land. <b>1994</b> , 124, 11-17	66
1390	A field evaluation of different criteria for determiningthe need to treat winter wheat against the grain aphid Sitobion avenae and the rose-grain aphid Metopolophium dirhodum. <b>1994</b> , 124, 195-211	22
1389	Evaluation of fungicides applied to soil to control naturally-occurring take-all using a balanced-incomplete-block design and very small plots. <b>1994</b> , 124, 241-251	9
1388	A decimal code describing the developmental stages of head cabbage (Brassica oleracea var. capitata). <b>1994</b> , 125, 207-214	2
1387	Biological control of slugs in winter wheat using the rhabditid nematode Phasmarhabditis hermaphrodita. <b>1994</b> , 125, 377-390	61
1386	Seasonal development of apothecia of the cereal eyespot pathogen Tapesia yallundae on straw stubble in the UK. <b>1994</b> , 125, 489-500	19
1385	Sub-lethal effects of deltamethrin residues on the within-crop behaviour and distribution of Coccinella septempunctata. <b>1994</b> , 72, 33-45	38

1384	Isolation of Fusarium species from common broad-leaved weeds and their pathogenicity to winter wheat. <b>1994</b> , 98, 776-780	51
1383	Improving spring and summer fungicide treatments for winter barley. <b>1994</b> , 13, 597-606	2
1382	Effects of late-season applications of propiconazole and tridemorph on disease, senescence, grain development and the breadmaking quality of winter wheat. <b>1994</b> , 13, 362-370	42
1381	CGA 219417: a novel broad-spectrum fungicide. <b>1994</b> , 13, 541-549	42
1380	Sources of resistance to Tilletia indica in wheat. <b>1994</b> , 13, 20-24	22
1379	Spread and survival of a genetically modified Pseudomonas aureofaciens in the phytosphere of wheat and in soil. <b>1994</b> , 1, 207-218	9
1378	Reduced growth and yield of wheat with conservation cropping. I. Field studies in the first year of the cropping phase. <b>1994</b> , 45, 511	48
1377	14C pulse-labelling of field-grown spring wheat: An evaluation of its use in rhizosphere carbon budget estimations. <b>1994</b> , 26, 161-170	138
1376	Yield potential in modern wheat varieties: its association with a less competitive ideotype. <b>1994</b> , 37, 149-160	75
1375	Testing the root growth subroutine of the CERES-wheat model for two cultivars of different cycle length. <b>1994</b> , 38, 125-133	25
1374	Yield advantage and competition in intercropped oats (Avena sativa L.) and faba bean (Vicia faba L.): Application of the hyperbolic yield-density model. <b>1994</b> , 37, 85-94	29
1373	Pattern of supply affects boron toxicity in barley. <b>1994</b> , 17, 1721-1738	13
1372	Didymella exitialis on wheat in New Zealand. <b>1994</b> , 22, 139-144	4
1371	Durum wheat landraces from Syria. IV. Simulation of growth and development. <b>1994</b> , 3, 71-83	
1370	Utilization of late-applied fertilizer nitrogen by spring wheat genotypes. <b>1994</b> , 3, 63-69	17
1369	Sensitivity of Wheat Phasic Development to Major Environmental Factors: a Re-Examination of Some Assumptions Made by Physiologists and Modellers. <b>1994</b> , 21, 393	233
1368	Co-ordination of stem elongation and Zadoks growth stages with leaf emergence in wheat and barley. <b>1994</b> , 122, 21-29	28
1367	Comparative effect of six cultivars at four rates of nitrogen on the grain yield and grain quality of spring-sown malting barley in Ireland. <b>1994</b> , 122, 343-350	8

1366	Variation in development of contrasting rice cultivars. <b>1994</b> , 123, 35-39	12
1365	Botanical Aspects of Cereals. <b>1994</b> , 29-52	
1364	Effect of different direct drilling and conventional sowing techniques on soil strength, root growth and grain yield of wheat on sandplain soils in Western Australia. <b>1994</b> , 45, 547	14
1363	Rye cover crop management impact on soil water content, soil temperature and soybean growth. <b>1994</b> , 74, 485-495	26
1362	Effect of Brassica break crops on the growth and yield of wheat. <b>1994</b> , 45, 529	99
1361	Russian Wheat Aphid (Homoptera: Aphididae) Population Development and Plant Damage on Resistant and Susceptible Wheat. <b>1994</b> , 87, 1761-1768	21
1360	Critical phosphorus concentrations for burr medic, yellow serradella, subterranean clover, and wheat. <b>1994</b> , 25, 385-394	27
1359	Spatial Distribution of Fall Populations of Russian Wheat Aphid (Homoptera: Aphididae) in Winter Wheat. <b>1994</b> , 87, 1230-1236	6
1358	Residues of 2,4-D in wheat following application after heading. <b>1994</b> , 74, 199-203	4
1357	Decline in root rot (Rhizoctonia solani AG-8) in wheat in a tillage and rotation experiment at Avon, South Australia. <b>1995</b> , 35, 1009	76
1356	Comparative Effects of Temperature and Interrupted Wet Periods on Germination, Penetration, and Infection of Puccinia reconditaf. sp.triticiandP. striiformison Wheat Seedlings. <b>1995</b> , 85, 409	93
1355	Cultivar and environmental effects on malting quality in barley. <b>1995</b> , 46, 831	80
1354	Effects of Incorporating or Burning Straw, and of Different Cultivation Systems, on Winter Wheat Grown on Two Soil Types, 1985 <b>B</b> 1. <b>1995</b> , 124, 173-194	33
1353	Effects of incorporating straw, using different cultivation systems, and of burning it, on diseases of winter barley. <b>1995</b> , 124, 195-204	10
1352	The effects of omitting or reducing pesticide and other inputs on the disease incidence and yield components of winter wheat in Northern Ireland. <b>1995</b> , 124, 343-350	
1351	Influence of nitrogen on the development of Septoria epidemics in winter wheat. <b>1995</b> , 124, 361-368	50
1350	Comparison of early, normal and late sowing at three rates of nitrogen on the yield, grain nitrogen and screenings content of Blenheim spring malting barley in Ireland. <b>1995</b> , 125, 183-188	14
1349	Biological farming for sustainable agricultural production. <b>1995</b> , 35, 849	57

1348	Population Trends and Comparison of Sampling Methods for Diuraphis noxia and Other Cereal Aphids (Homoptera: Aphididae) in Northern Idaho. <b>1995</b> , 24, 538-549	7
1347	Comparison of xylanase production by fungal pathogens of barley with special reference to Bipolaris sorokiniana. <b>1995</b> , 99, 717-723	13
1346	Dosage reduction to improve the selectivity of deltamethrin between aphids and coccinellids in cereals. <b>1995</b> , 76, 83-96	10
1345	Odour communication of Rhopalosiphum padi on grasses. <b>1995</b> , 76, 325-328	16
1344	Surveys of stem base diseases and fusarium ear diseases in winter wheat in England, Wales and Scotland, 1989 <b>[</b> ]990. <b>1995</b> , 126, 45-59	23
1343	Movement of apterous Sitobion avenae (Homoptera: Aphididae) in response to leaf disturbances caused by wind and rain. <b>1995</b> , 126, 417-427	59
1342	Maternal effects in progeny of field pansy (Viola arvensis) subjected to different herbicide and nitrogen rates. <b>1995</b> , 127, 343-352	6
1341	Untersuchungen zur Assimilatakkumulation im Weizenblatt nach Schwarzrostinfektion. <b>1995</b> , 175, 297-305	
1340	Growth dynamics of winter wheat in the field with daily fertilization and irrigation. <b>1995</b> , 174, 239-252	16
1339	Using a Chlorophyll Meter to Optimize Nitrogen Fertilizer Application for Intensively-Managed Small-Grain Cereals. <b>1995</b> , 174, 309-318	61
1338	Aphid-parasitoid interactions in a winter cereal crop: field trials involving insecticide application. <b>1995</b> , 119, 233-239	8
1337	Fungi Associated with Foot Rots on Winter Wheat in Northwest Italy. <b>1995</b> , 143, 115-119	23
1336	Increase of Complex Pathotypes of Erysiphe graminis f. sp. hordei in Two-Component Mixtures of Spring Barley Cultivars. <b>1995</b> , 143, 281-286	6
1335	Phenylalanine Ammonia-lyase Activity in Barley After Infection with Bipolaris sorokiniana or Treatment with its Purified Xylanase. <b>1995</b> , 143, 239-245	32
1334	Effects of Induced Resistance on Disease Severity/Yield Relations in Mildewed Barley. <b>1995</b> , 143, 561-567	4
1333	Soil tillage and eyespot: influence of crop residue distribution on disease development and infection cycles. <b>1995</b> , 101, 601-611	25
1332	Seed transmission of Pyrenophora tritici-repentis, causal fungus of tan spot of wheat. <b>1995</b> , 101, 81-91	23
1331	The effect of foliar supplements of potassium nitrate and urea on the yield of winter wheat. <b>1995</b> , 44, 217-223	11

1330	Rate of soil acidification under wheat in a semi-arid environment. <b>1995</b> , 177, 85-100	47
1329	Changes in radiocaesium uptake and distribution in wheat during plant development: a solution culture study. <b>1995</b> , 176, 1-6	38
1328	Two unnecessary powdery mildew resistance genes in a synthetic rye population are neutral on fitness. <b>1995</b> , 81, 163-170	7
1327	Effect of Phaeosphaeria nodorum-induced seed shrivelling on subsequent wheat emergence and plant growth. <b>1995</b> , 82, 9-16	5
1326	Stem and head reaction of winter wheat cultivars to artificial inoculation by Microdochium nivale under controlled environment and field conditions. <b>1995</b> , 92, 359-366	3
1325	The selection of winter wheat varieties for whole-crop cereal conservation. <b>1995</b> , 50, 172-177	7
1324	The reliability of visual estimates of disease severity on cereal leaves. <b>1995</b> , 44, 856-864	79
1323	Simulation studies on epidemics of wheat stripe rust (Puccinia striiformis) on slow-rusting cultivars and analysis of effects of resistance components. <b>1995</b> , 44, 340-349	28
1322	The occurrence of carbendazim resistance in Rhynchosporium secalis on winter barley in England and Wales in 1992 and 1993. <b>1995</b> , 44, 294-300	14
1321	Field Release of a Genetically Modified Pseudomonas fluorescens on Wheat: Establishment, Survival and Dissemination. <b>1995</b> , 13, 1488-1492	15
1320	Effect of powdery mildew (Erysiphe graminis f.sp. hordei) on photosynthesis and grain yield of partially resistant genotypes of spring barley (Hordeum vulgare L.). <b>1995</b> , 114, 126-130	11
1319	Divergent selection for sprouting resistance in spring wheat. <b>1995</b> , 114, 199-204	3
1318	Types and components of resistance to Fusarium head blight of wheat. <b>1995</b> , 114, 377-386	576
1317	Stubble retention and nitrogen fertilisation in a fallow-wheat rainfed cropping system. 1. Soil water and nitrogen conservation, crop growth and yield. <b>1995</b> , 34, 79-94	51
1316	Conservation tillage systems, fungal complexes and disease development in soybean and barley rhizospheres in Prince Edward Island. <b>1995</b> , 34, 225-238	8
1315	Occurrence of fungal endophytes in cultivars of Triticum aestivum in South Africa. <b>1995</b> , 36, 105-111	28
1314	Effects of different intensities of fertilisers and pesticides on aphids and aphid predators in winter wheat. <b>1995</b> , 52, 45-50	28
1313	Population dynamics of aphids and syrphid larvae in winter wheat treated with different rates of pirimicarb. <b>1995</b> , 52, 51-55	14

1312	The toxic effects of direct pesticide exposure for a nontarget weed-dwelling chrysomelid beetle (Gastrophysa polygoni) in cereals. <b>1995</b> , 14, 993-999	16
1311	Nitrogen Loss Inhibitors Evaluated for Humid-Region Wheat Production. <b>1995</b> , 8, 269-275	
1310	A Comparison between in vitro digestibility, in situ degradability and a gas production technique for predicting the in vivo digestibility of whole crop wheat. <b>1995</b> , 1995, 118-118	
1309	The relationship between digestibility, methane energy loss and metabolisable energy of whole crop wheat. <b>1995</b> , 1995, 159-159	
1308	Cultural Practices in Wheat (Triticum aestivum), on Weeds in Subsequent Fallow and Sorghum (Sorghum bicolor). <b>1995</b> , 43, 434-444	5
1307	Irrigated Spring Wheat Response to Topdressed Nitrogen as Predicted by Flag Leaf Nitrogen Concentration. <b>1995</b> , 8, 46-52	8
1306	Agronomic Responses of Winter Wheat Cultivars to Management Systems. <b>1995</b> , 8, 529-535	3
1305	Sensitivity to triadimefon of isolates of Erysiphe graminis f. sp. tritici collected from the Annapolis Valley and Colchester County, Nova Scotia. <b>1995</b> , 17, 331-335	2
1304	Extraction of soil phosphorus with calcium chloride solution for prediction of plant availability. <b>1995</b> , 26, 1151-1168	6
1303	The Oat Crop. <b>1995</b> ,	15
1303		15 1
1302	Stimulation of Regrowth in Barley by Application of Cytokinin. 1995, 45, 258-260  Effects of Selcote ultra and sodium selenate (laboratory versus commercial grade) on selenium	1
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1237	EVALUATION OF SYSTEMIC FUNGICIDES AGAINST FLAP SMUT (UROCYSTIS AGROPYRI) OF WHEAT. <b>1996</b> , 128, 20-21	
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1219	Growth characteristics of spring barley and selected weeds. I. Effect of irradiance in growth chambers. <i>Weed Research</i> , <b>1996</b> , 36, 339-352	1.9	14
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1203	Field Chlorophyll Measurements for Evaluation of Timothy Nitrogen Status for Optimized Seed Yield. <b>1996</b> , 46, 258-262	3
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1097	Variation in Ethiopian barley landrace populations for resistance to barley leaf scald and netblotch. <b>1998</b> , 117, 419-423	23

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	Effects of number of winter wheat crops grown successively on fungal communities on wheat	
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941	Duration of the stem elongation period influences the number of fertile florets in wheat and barley <b>2000</b> , 27, 931	39
940	The effect of seeding date, seeding rate and N fertilization on winter wheat yield and yield components in eastern Newfoundland. <b>2000</b> , 80, 703-711	11
939	Uptake of foliar or soil application of 15N-labelled urea solution at anthesis and its affect on wheat grain yield and protein. <b>2000</b> , 80, 331-334	35
938	Effects of Tillage, Crop Rotation, and Nitrogen Fertilization on Wheat under Rainfed Mediterranean Conditions. <b>2000</b> , 92, 1054-1063	79
937	Quantitative resistance of barley cultivars to Rhynchospohum secalis. <b>2000</b> , 22, 217-223	18
936	Control of take-all in soft white spring wheat with seed and soil treatments. 2000, 22, 91-98	3
935	A three-year field study on the short-term effects of insecticides used to control cereal aphids on plant-dwelling aphid predators in winter wheat. <b>2000</b> , 56, 533-539	25

# (2000-2000)

934	Comparison of DIMBOA concentrations among wheat isolines and corresponding plant introduction lines. <b>2000</b> , 96, 275-279	10
933	Effect of wheat resistance, the parasitoid Aphidius rhopalosiphi, and the entomopathogenic fungus Pandora neoaphidis, on population dynamics of the cereal aphid Sitobion avenae. <b>2000</b> , 97, 109-114	14
932	The effect of drought stress and temperature on spread of barley yellow dwarf virus (BYDV). <b>2000</b> , 2, 161-166	12
931	Resistance to powdery mildew in mutant lines of the susceptible wheat cultivar Hobbit Bib[12000, 49, 468-476	12
930	Morphological Classification of Traditional Philippine Upland Rice Cultivars in Upland Nurseries Using Cluster Analysis Methods for Recommendation, Breeding and Selection Purposes. <b>2000</b> , 184, 165-171	4
929	Identity and Pathogenicity of Fungi Associated with Root and Crown Rot of Soft Red Winter Wheat Grown on the Upper Coastal Plain Land Resource Area of Mississippi. <b>2000</b> , 148, 77-85	22
928	Chromosomal location of Fusarium head blight resistance genes and analysis of the relationship between resistance to head blight and brown foot rot. <b>2000</b> , 119, 15-20	29
927	Genetic parameters for agronomic traits of triticale and other small-grain cereals grown on aluminium-toxic soil in southern Brazil. <b>2000</b> , 119, 227-231	8
926	Genotypic variation for resistance to Septoria nodorum in triticale. <b>2000</b> , 119, 487-490	8
925	Green leaf area decline of wheat flag leaves: the influence of fungicides and relationships with mean grain weight and grain yield. <b>2000</b> , 136, 77-84	111
924	Effects of foliar sprays of azoxystrobin on take-all in wheat. <b>2000</b> , 137, 99-106	8
923	The physiological response of winter wheat to reductions in plant density. <b>2000</b> , 137, 165-177	90
922	Effects of cultivar and fungicides on stem-base pathogens, determined by quantitative PCR, and on diseases and yield of wheat. <b>2000</b> , 137, 213-221	26
921	Assessment of winter wheat cultivars for changes in straw composition and digestibility in response to fungicide and growth regulator treatments. <b>2000</b> , 137, 297-303	4
920	Performance and application of the APSIM Nwheat model in the Netherlands. 2000, 12, 37-54	114
919	Cytology and ultrastructure of the infection of wheat spikes by Fusarium culmorum. <b>2000</b> , 104, 1083-1093	118
918	A nearest neighbour approach to the simulation of spread of barley yellow dwarf virus. 2000, 28, 51-65	4
917	Nutritional enhancement of host plants by aphids - a comparison of three aphid species on grasses. <b>2000</b> , 46, 33-40	178

916	Specifity of Genetic Determination of Content of Photosynthetic Pigments in Triticale. <b>2000</b> , 43, 529-535	1
915	Traits associated with improved P-uptake efficiency in CIMMYT's semidwarf spring bread wheat grown on an acid Andisol in Mexico. <b>2000</b> , 221, 189-204	111
914	Comparative response of wheat and oilseed rape to nitrogen supply: absorption and utilisation efficiency of radiation and nitrogen during the reproductive stages determining yield. <b>2000</b> , 220, 189-205	101
913	Inducible Production of Phenolic Acids in Wheat and Antibiotic Resistance to Sitodiplosis mosellana. <b>2000</b> , 26, 969-985	63
912	Components of Partial Resistance to Powdery Mildew in Wheat Mutants. <b>2000</b> , 106, 607-616	5
911	Resistance Risk Assessment of Cereal Eyespot, Tapesia Yallundae and Tapesia Acuformis, to the Anilinopyrimidine Fungicide, Cyprodinil. <b>2000</b> , 106, 895-905	14
910	Acclimation response of spring wheat in a free-air CO(2) enrichment (FACE) atmosphere with variable soil nitrogen regimes. 3. Canopy architecture and gas exchange. <b>2000</b> , 66, 97-108	36
909	Acclimation response of spring wheat in a free-air CO(2) enrichment (FACE) atmosphere with variable soil nitrogen regimes. 2. Net assimilation and stomatal conductance of leaves. <b>2000</b> , 66, 79-95	48
908	Organisation of Photosynthetic Apparatus of Triticale in Relation to Productivity. 2000, 38, 455-463	1
907	Amino-Acid Composition and Protein and Carbohydrate Accumulation in the Grain of Triticale Grown under Terminal Water Stress Simulated by a Senescing Agent. <b>2000</b> , 32, 249-258	27
906	Diagnosing sulfur deficiency in field-grown oilseed rape (Brassica napus L.) and wheat (Triticum aestivum L.). <b>2000</b> , 225, 95-107	81
905	Genetic analysis of durable leaf rust resistance in winter wheat. <b>2000</b> , 100, 419-431	107
904	Response by coccinellids to spatial variation in cereal aphid density. <b>2000</b> , 42, 81-90	30
903	Physiological Maturity in Wheat Based on Kernel Water and Dry Matter. <b>2000</b> , 92, 895-901	63
902	Durum Grain Quality as Affected by Nitrogen Fertilization near Anthesis and Irrigation During Grain Fill. <b>2000</b> , 92, 1035-1041	66
901	Wheat Nitrogen Use Efficiency in a Bed Planting System in Northwest Mexico. <b>2000</b> , 92, 303-308	65
900	Hydrolase and Oxido-Reductase Activities in Diuraphis noxia and Rhopalosiphum padi (Hemiptera: Aphididae). <b>2000</b> , 93, 595-601	19
899	Isolation and analysis of thermotolerant mutants of wheat. <b>2000</b> , 51, 139-146	1

# (2000-2000)

898	Codified Morphological Stage for Predicting Digestibility of Italian Ryegrass during the Spring Cycle. <b>2000</b> , 92, 967-973	22
897	Gibberellic acid-sensitive dwarfing genes reduce plant height to increase kernel number and grain yield of wheat. <b>2000</b> , 51, 235	121
896	Biosynthesis of Deoxynivalenol in Spikelets of Barley Inoculated with Macroconidia of Fusarium graminearum. <b>2000</b> , 84, 654-660	64
895	Field studies on the biofumigation of take-all by Brassica break crops. <b>2000</b> , 51, 445	83
894	Finger-Harrowing of Durum Wheat under Different Tillage Systems. <b>2000</b> , 17, 285-303	20
893	Seasonal dynamics of cereal aphids on Russian wheat aphid (Homoptera: Aphididae) susceptible and resistant wheats. <b>2000</b> , 93, 975-81	28
892	Isolation and analysis of thermotolerant mutants of wheat. <b>2000</b> , 51, 139-146	54
891	Competition in Cereal Aphids (Homoptera: Aphididae) on Wheat Plants. <b>2000</b> , 29, 213-219	39
890	Changes in grain weight as a consequence of de-graining treatments at pre- and post-anthesis in synthetic hexaploid lines of wheat (Triticum durum x T. tauschii). <b>2000</b> , 27, 183	28
889	The Kinematics of Wheat Struck by a Wind Gust. <b>2000</b> , 67, 496-502	17
888	Efficacy of imidacloprid for control of cereal leaf beetle (Coleoptera: Chrysomelidae) in barley. <b>2000</b> , 93, 38-42	5
887	Laboratory and field evaluations of imidacloprid against Melanoplus sanguinipes (Orthoptera: Acrididae) on small grains. <b>2000</b> , 93, 293-9	10
886	The occurrence of barley root diseases in different agri-ecological zones of Syria. <b>2000</b> , 22, 61-69	1
885	Avena fatua development and seed shatter as related to thermal time. <b>2000</b> , 48, 555-560	49
884	Competition Effects on Yield, Tissue Nitrogen, and Germination of Winter Wheat (Triticum aestivum) and Italian Ryegrass (Lolium multiflorum)1. <b>2000</b> , 14, 718-725	7
883	Response of Durum Wheat (Triticum turgidumL. var.durum) Cultivars to Imazamethabenz and PP-6041. <b>2000</b> , 14, 274-278	
882	Temperature Response of Early Foliar Expansion of Potato and Wheat. <b>2000</b> , 86, 355-369	22
881	Dynamics of Vertical Leaf Nitrogen Distribution in a Vegetative Wheat Canopy. Impact on Canopy Photosynthesis. <b>2000</b> , 86, 821-831	104

880	Adult Coccinellid Activity and Predation on Aphids in Spring Cereals. 2000, 17, 218-226	33
879	Epidemic Development and Virulence in 1995¶998 of Puccinia coronata, a Potential Biocontrol Agent of Wild Oats on San Clemente Island. <b>2000</b> , 17, 250-257	6
878	Ultrastructural and immunocytochemical investigation of pathogen development and host responses in resistant and susceptible wheat spikes infected by Fusarium culmorum. <b>2000</b> , 57, 255-268	109
877	Photosynthesis of wheat in a warm, irrigated environment: I: Genetic diversity and crop productivity. <b>2000</b> , 66, 37-50	109
876	Free-air CO2 enrichment (FACE): blower effects on wheat canopy microclimate and plant development. <b>2000</b> , 103, 319-333	78
875	Expression of thaumatin-like permatin PR-5 genes switches from the ovary wall to the aleurone in developing barley and oat seeds. <b>2000</b> , 156, 11-22	40
874	Failure to simulate C and N mineralization in soil using biomass C-to-N ratios as measured by the fumigation extraction method?. <b>2000</b> , 32, 659-668	8
873	The effect of dimethoate and cypermethrin on soil-dwelling beetles under semi-field conditions. <b>2000</b> , 41, 1045-57	14
872	Fungal development and induction of defense response genes during early infection of wheat spikes by Fusarium graminearum. <b>2000</b> , 13, 159-69	235
871	Allocation of a Hydroxamic Acid and Biomass During Vegetative Development in Rye. <b>2000</b> , 50, 35-39	5
870	Effect of Preharvest Glyphosate Application on Seed and Seedling Quality of Spring Wheat (Triticum aestivum)1. <b>2000</b> , 14, 212-217	22
869	Traits Related to Competitive Ability of Wheat (Triticum aestivum) Varieties against Italian Ryegrass (Lolium multiflorum). <b>2001</b> , 19, 275-286	14
868	Identification of quantitative trait loci for traits conferring weed competitiveness in wheat (Triticum aestivum L.). <b>2001</b> , 52, 1235	113
867	Systemic expression of defense response genes in wheat spikes as a response to Fusarium graminearum infection. <b>2001</b> , 58, 1-12	83
866	Benzothiadiazole-induced gene expression in wheat spikes does not provide resistance to Fusarium head blight. <b>2001</b> , 59, 129-136	42
865	Management of inflorescence and viable seed production of blackgrass (Alopecurus myosuroides) on set-aside in France. <b>2001</b> , 20, 221-227	6
864	Dry matter yield and nutritive value of pea/wheat bi-crops differing in maturity at harvest, pea to wheat ratio and pea variety. <b>2001</b> , 94, 77-87	31
863	Effect of nitrogen supply on crop conductance, water- and radiation-use efficiency of wheat. <b>2001</b> , 69, 259-266	86

# (2001-2001)

862	Partitioning of dry matter and nitrogen to the spike throughout the spike growth period in wheat crops subjected to nitrogen deficiency. <b>2001</b> , 70, 153-165	23
861	Efficiency of nitrogen in wheat under Mediterranean conditions: effect of tillage, crop rotation and N fertilization. <b>2001</b> , 71, 31-46	158
860	Net blotch in semi arid regions of Morocco. I Epidemiology. <b>2001</b> , 73, 35-46	12
859	Seasonal variations in populations of Fusarium species in wheat-field soil. <b>2001</b> , 18, 117-128	35
858	Interception, retention and translocation under greenhouse conditions of radiocaesium and radiostrontium from a simulated accidental source. <b>2001</b> , 278, 199-214	34
857	Change of the Weed Seed Bank during the First Complete Six-Course Crop Rotation after Conversion from Conventional to Organic Farming. <b>2001</b> , 19, 71-90	29
856	Transgressive segregation, heritability, and number of genes controlling durable resistance to stripe rust in one chinese and two italian wheat cultivars. <b>2001</b> , 91, 680-6	25
855	In Search of a Sustainable Cropping System for the Semiarid Canadian Prairies. <b>2001</b> , 18, 117-136	89
854	Potential yield losses caused by barley leaf rust and oat leaf and stem rust to South African barley and oat cultivars. <b>2001</b> , 18, 108-113	6
853	Incorporating Radiation and Nitrogen Nutrition into a Model of Kernel Number in Wheat. <b>2001</b> , 41, 415-423	20
852	Bread-Making Wheat and Soil Nitrate as Affected by Nitrogen Fertilization in Irrigated Mediterranean Conditions. <b>2001</b> , 93, 1183-1190	37
851	Remote Sensing of Winter Wheat Tiller Density for Early Nitrogen Application Decisions. <b>2001</b> , 93, 783-789	44
850	Genetic Relationships of Crown Rust Resistance, Grain Yield, Test Weight, and Seed Weight in Oat. <b>2001</b> , 41, 1041-1050	28
849	Grass and Legume Cover Crop Effects on Dry Matter and Nitrogen Accumulation. <b>2001</b> , 93, 299-307	46
848	Winter Wheat Cultivar Performance as Affected by Production Systems in Croatia. 2001, 93, 961-966	7
847	Optimizing Nitrogen Application Timing in No-Till Soft Red Winter Wheat. <b>2001</b> , 93, 435-442	60
846	WHEAT RESPONSE TO 2,4-D APPLICATION AT TWO GROWTH STAGES UNDER SEMI-ARID CONDITIONS. <b>2001</b> , 49, 387-391	9
845	. <b>2001</b> , 11, 1563-1572	16

844	Wheat-Lolium multiflorum competence: effect of nitrogen application onto Argentinean varieties aggressivity. <b>2001</b> , 29, 451-458	2
843	Effects of incorporating different amounts of straw on growth, diseases and yield of consecutive crops of winter wheat grown on contrasting soil types. <b>2001</b> , 136, 1-14	12
842	Influence of number and timing of fungicide applications on the yield and quality of early and later-sown spring malting barley grown in the south-east of Ireland. <b>2001</b> , 136, 159-167	6
841	Pathogenic Variability of Puccinia coronata f. sp. avenae and P. graminis f. sp. avenae on Oat in South Africa. <b>2001</b> , 85, 1085-1090	15
840	Effect of Barley yellow dwarf virus Infection on Yield and Malting Quality of Barley. <b>2001</b> , 85, 202-207	22
839	Septoria tritici Blotch Development as Affected by Temperature, Duration of Leaf Wetness, Inoculum Concentration, and Host. <b>2001</b> , 85, 430-435	41
838	Occurrence and Pathogenicity of Puccinia hordei on Barley in South Africa. 2001, 85, 713-717	11
837	Effect of Microsphaeropsis sp. on the Production of Perithecia and Ascospores of Gibberella zeae. <b>2001</b> , 85, 977-984	50
836	Expression of Thinopyrum intermedium-Derived Barley yellow dwarf virus Resistance in Elite Bread Wheat Backgrounds. <b>2001</b> , 91, 55-62	29
835	Foci of stagonospora nodorum blotch in winter wheat before canopy development. <b>2001</b> , 91, 642-7	24
834	Influence of take-all epidemics on winter wheat yield formation and yield loss. 2001, 91, 694-701	45
833	Effect of long-term stubble management on yield and nitrogen-uptake efficiency of wheat topdressed with urea in north-eastern Victoria. <b>2001</b> , 41, 1167	9
832	CALCIUM DEFICIENCY OF WHEAT GROWN IN ACIDIC SANDY SOIL FROM SOUTHWESTERN AUSTRALIA. <b>2001</b> , 24, 1217-1227	9
831	Plant Growth Regulator Effects on Spring Cereal Root and Shoot Growth. <b>2001</b> , 93, 936-943	75
830	Nitrogen Response in Cotton as Affected by Tillage System and Irrigation Level. <b>2001</b> , 65, 1153-1163	73
829	Sweet Corn Tillage-Planting Systems in a Humid Maritime Climate of British Columbia. <b>2001</b> , 19, 25-39	5
828	Adult and larval hoverfly communities and their parasitoid fauna in wheat in New South Wales, Australia. <b>2001</b> , 24, 3-6	5
827	Attempts to improve the utilization of urea-treated whole-crop wheat by lactating dairy cows. <b>2001</b> , 73, 137-147	20

# (2001-2001)

826	Reactions of western Canadian spring wheat and triticale varieties to Tilletia indica, the causal agent of Karnal bunt. <b>2001</b> , 81, 503-508	6
825	Lysimeter experiments on the translocation of the carbon-14-labelled nitrification inhibitor 3,4-dimethylpyrazole phosphate (DMPP) in a gleyic cambisol. <b>2001</b> , 34, 126-130	23
824	A diagnostic molecular marker allowing the study of Th. intermedium-derived resistance to BYDV in bread wheat segregating populations. <b>2001</b> , 102, 942-949	47
823	Chromosomal location of a gene for resistance to septoria tritici blotch (Mycosphaerella graminicola)in the hexaploid wheat <b>B</b> ynthetic 6x[] <b>2001</b> , 103, 758-764	103
822	Greenhouse screening of the saprophytic resident microflora for control of leaf spots of wheat (Triticum aestivum). <b>2001</b> , 29, 341-351	13
821	Response of wheat canopy CO2 and water gas-exchange to soil water content under ambient and elevated CO2. <b>2001</b> , 7, 599-611	23
820	In vitro enzymatic chlorophyll catabolism in wheat elicited by cereal aphid feeding. 2001, 101, 159-166	22
819	Fifty years of Plant Pathology. <b>2001</b> , 50, 1-9	2
818	Effect of early infection on pathotype frequencies in barley powdery mildew (Blumeria graminis f.sp. hordei) populations in field plots. <b>2001</b> , 50, 317-324	
817	Fungal communities on roots of wheat and barley and effects of seed treatments containing fluquinconazole applied to control take-all. <b>2001</b> , 50, 75-82	25
816	Development of apothecia of the eyespot pathogen Tapesia on cereal crop stubble residue in England. <b>2001</b> , 50, 356-362	12
815	Evaluation of diagnostic and quantitative PCR for the identification and severity assessment of eyespot and sharp eyespot in winter wheat. <b>2001</b> , 50, 463-469	18
814	Factors affecting diseases of winter wheat in England and Wales, 1989 <b>B</b> 8. <b>2001</b> , 50, 453-462	95
813	Ranking the ability of wheat varieties to compete with Lolium rigidum. <i>Weed Research</i> , <b>2001</b> , 41, 197-209.9	95
812	Long-term tillage and crop rotation effects on weed seedbank size and composition. <i>Weed Research</i> , <b>2001</b> , 41, 325-340	153
811	Applications of Foliar Fertilizers Containing Glycinebetaine Improve Wheat Yields. <b>2001</b> , 186, 209-215	49
810	Correlation Analysis of Triticale Morphology, Chlorophyll Content and Productivity. 2001, 186, 281-285	2
809	Effect of Sowing Technique on Growth of Undersown Crop and Yield of Spring Barley. <b>2001</b> , 187, 127-136	4

808	The Effect of Seeding Rate and Nitrogen Fertilization on Barley Yield and Yield Components in a Cool Maritime Climate. <b>2001</b> , 187, 105-110	12
807	Agronomic and Physiological Study of Cold and Flooding Tolerance of Spelt (Triticum spelta L.) and Wheat (Triticum aestivum L.). <b>2001</b> , 187, 195-202	20
806	Assessment of partial resistance to powdery mildew in Chinese wheat varieties. 2001, 120, 279-284	24
805	Genotypic and environmental variation of resistance to head blight in triticale inoculated with Fusarium culmorum. <b>2001</b> , 120, 297-300	25
804	Environmental and genetic determination of protein content and grain yield in durum wheat under Mediterranean conditions. <b>2001</b> , 120, 381-388	76
803	Plant growth regulators control ozone damage to wheat yield. <b>2001</b> , 152, 41-51	23
802	Relative safety factors against global buckling, anchorage rotation, and tissue rupture in wheat. <b>2001</b> , 211, 55-65	10
801	The effect of the homoeologous group 5 chromosomes with different vrn loci on growth phases and quantitative characters of wheat. <b>2001</b> , 119, 289-299	5
800	Differential Control of Head Blight Pathogens of Wheat by Fungicides and Consequences for Mycotoxin Contamination of Grain. <b>2001</b> , 107, 421-431	162
799	Genotypic Diversity of the Wheat Leaf Blotch Pathogen Mycosphaerella Graminicola (anamorph) Septoria Tritici in Germany. <b>2001</b> , 107, 285-290	28
798	Genetic control of Russian wheat aphid (Diuraphis noxia) resistance in wheat accession PI 47545. <b>2001</b> , 121, 31-35	3
797	Phenotypic variation and sampling for leaf conductance in wheat (Triticum aestivum L.) breeding populations. <b>2001</b> , 121, 335-341	21
796	Wheat mutants showing altered adult plant disease resistance. <b>2001</b> , 122, 361-368	21
795	The use of grain protein deviation for identifying wheat cultivars with high grain protein concentration and yield. <b>2001</b> , 122, 309-317	90
794	Determination of the antenna heterogeneity of Photosystem II by direct simultaneous fitting of several fluorescence rise curves measured with DCMU at different light intensities. <b>2001</b> , 68, 247-57	32
793	Expression and inheritance of tolerance to waterlogging stress in wheat. <b>2001</b> , 117, 91-98	52
792	Isolation of wheat mutants with increased resistance to powdery mildew from small induced variant populations. <b>2001</b> , 117, 251-260	13
791	Using plant analysis to predict yield losses caused by sulphur deficiency. <b>2001</b> , 138, 123-127	26

# (2001-2001)

790	Phenological stages of the quince tree (Cydonia oblonga). <b>2001</b> , 139, 189-192	7
789	Elevated atmospheric CO2 alleviates drought stress in wheat. <b>2001</b> , 87, 261-271	46
788	Ascospores are a source of inoculum of Phaeosphaeria nodorum, P. avenaria f. sp. avenaria and Mycosphaerella graminicola in Western Australia. <b>2001</b> , 30, 317	33
787	Importance of P uptake efficiency versus P utilization for wheat yield in acid and calcareous soils in Mexico. <b>2001</b> , 14, 261-274	91
786	Amino acid budgets in three aphid species using the same host plant. <b>2001</b> , 26, 202-211	52
7 <sup>8</sup> 5	Oviposition deterrence to Sitodiplosis mosellana (Diptera: Cecidomyiidae): a source of resistance for durum wheat (Gramineae)1. <b>2001</b> , 133, 579-591	27
7 <sup>8</sup> 4	Use of Molecular Markers in Selecting for Resistance to BYDV. <b>2001</b> , 429-434	
783	Response of Ripgut Brome (Bromus rigidus) and Foxtail Brome (Bromus rubens) to MON 375001. <b>2001</b> , 15, 642-646	2
782	Effects of sowing time and nitrogen fertiliser on canola and wheat, and nitrogen fertiliser on Indian mustard. II. Nitrogen concentrations, N accumulation, and N fertiliser use efficiency. <b>2001</b> , 52, 635	38
781	Genetic Basis of Stay-Green Trait in Bread Wheat. <b>2001</b> , 2, 55-68	33
781 780	Genetic Basis of Stay-Green Trait in Bread Wheat. <b>2001</b> , 2, 55-68  The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). <b>2001</b> , 91, 301-6	33 46
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780	The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). <b>2001</b> , 91, 301-6  Oxidative responses of resistant and susceptible cereal leaves to symptomatic and	46
780 779	The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). <b>2001</b> , 91, 301-6  Oxidative responses of resistant and susceptible cereal leaves to symptomatic and nonsymptomatic cereal aphid (Hemiptera: Aphididae) feeding. <b>2001</b> , 94, 743-51	46 77
780 779 778	The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). 2001, 91, 301-6  Oxidative responses of resistant and susceptible cereal leaves to symptomatic and nonsymptomatic cereal aphid (Hemiptera: Aphididae) feeding. 2001, 94, 743-51  Genotype-dependent proteolytic response of spring wheat to water deficiency. 2001, 52, 1455-63  Factors influencing oviposition by Sitodiplosis mosellana (Diptera: Cecidomyiidae) on wheat spikes	46 77 33
780 779 778	The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). 2001, 91, 301-6  Oxidative responses of resistant and susceptible cereal leaves to symptomatic and nonsymptomatic cereal aphid (Hemiptera: Aphididae) feeding. 2001, 94, 743-51  Genotype-dependent proteolytic response of spring wheat to water deficiency. 2001, 52, 1455-63  Factors influencing oviposition by Sitodiplosis mosellana (Diptera: Cecidomyiidae) on wheat spikes (Gramineae)1. 2001, 133, 533-548  Seasonal abundance of aphids (Homoptera: Aphididae) in wheat and their role as barley yellow	46 77 33 27
780 779 778 777	The effect of natural enemies on the spread of barley yellow dwarf virus (BYDV) by Rhopalosiphum padi (Hemiptera: Aphididae). 2001, 91, 301-6  Oxidative responses of resistant and susceptible cereal leaves to symptomatic and nonsymptomatic cereal aphid (Hemiptera: Aphididae) feeding. 2001, 94, 743-51  Genotype-dependent proteolytic response of spring wheat to water deficiency. 2001, 52, 1455-63  Factors influencing oviposition by Sitodiplosis mosellana (Diptera: Cecidomyiidae) on wheat spikes (Gramineae)1. 2001, 133, 533-548  Seasonal abundance of aphids (Homoptera: Aphididae) in wheat and their role as barley yellow dwarf virus vectors in the South Carolina coastal plain. 2001, 94, 410-21	46 77 33 27 30

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771	Quantification of trichothecene-producing Fusarium species in harvested grain by competitive PCR to determine efficacies of fungicides against Fusarium head blight of winter wheat. <b>2001</b> , 67, 1575-80	198
770	Pathogenic variation of Rhynchosporium secalis in Alberta. <b>2002</b> , 24, 176-183	18
769	Effects of foliar fungicides on kernel black point of wheat in southern Saskatchewan. <b>2002</b> , 24, 287-293	13
768	Seedling development and biomass as affected by seed size and morphology in durum wheat. <b>2002</b> , 139, 143-150	32
767	The impact of leaf rust on spring wheat in the winter rainfall region of South Africa. 2002, 19, 84-88	5
766	Preinoculation Effects of Light Quantity on Infection Efficiency of Puccinia striiformis and P. triticina on Wheat Seedlings. <b>2002</b> , 92, 1308-14	38
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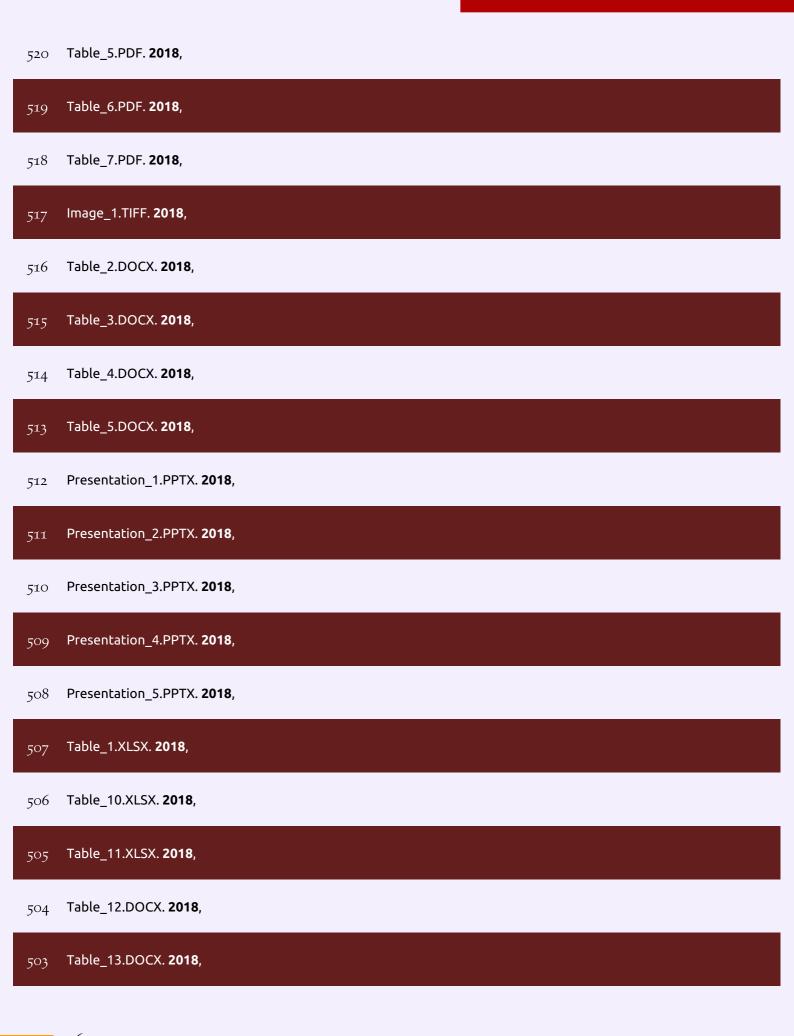
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403	Intensifying cereal management in dryland Mediterranean agriculture: Rainfed wheat and barley responses to nitrogen fertilisation. <b>2022</b> , 137, 126518	3
402	Enhancement of Androgenesis and Plant Regeneration From Wheat Anther Culture by Seed Pre-Sowing Gamma Irradiation.	
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396	Stomata on the abaxial and adaxial leaf surface contribute differently to leaf gas exchange and photosynthesis in wheat <b>2022</b> ,	О
395	Genomic Regions, Molecular Markers, and Flanking Genes of Metribuzin Tolerance in Wheat (Triticum aestivum L.). <b>2022</b> , 13,	O

394	Introgression of the coupled Fhb1-Sr2 to increase Fusarium head blight and stem rust resistance of elite wheat cultivars. 1-10	
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392	Smartphone application-based measurements of stem-base width and plant height in rice seedling. <b>2022</b> , 198, 107022	O
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390	Maize straw mulching with uniconazole application increases the tillering capacity and grain yield of dryland winter wheat (Triticum aestivum L.). <b>2022</b> , 284, 108573	1
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386	Identification and Validation of a Major Quantitative Trait Locus for Adult Plant Resistance Against Leaf Rust From the Chinese Wheat Landrace Bai Qimai. <b>2022</b> , 13,	1
385	Application of extended BBCH scale for studying the development of Phacelia tanacetifolia Benth	O
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380	Moderate heat stress prevented the observed biomass and yield stimulation caused by elevated CO2 in two well-watered wheat cultivars.	O
379	Wheat pollen uptake of CRISPR/Cas9 RNP-PDMAEMA nanoassemblies results in targeted loss of gene function in progeny.	1
378	Effect of silicon and fungicide on photosynthetic responses in barley leaves challenged by Bipolaris sorokiniana. <b>2022</b> , 120, 101849	
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376	Nitrogen and trinexapac-ethyl effects on wheat grain yield, lodging and seed physiological quality in southern Brazil. <b>2022</b> , 58,	O
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374	Virus Induced Gene Silencing: A Tool to Study Gene Function in Wheat. <b>2022</b> , 107-155	
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372	EVALUATION OF FORAGE TURNIP + CEREAL MIXTURES FOR FORAGE YIELD AND QUALITY TRAITS.	
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370	Counting spikelets from infield wheat crop images using fully convolutional networks.	1
369	Photoperiod and vernalization alleles and their combinations greatly affected phenological and agronomic traits in bread wheat under autumn and spring sowing conditions.	
368	Varietal Screening of Durum Wheat Varieties for Resistance to Pyrenophora tritici-repentis (Tan Spot) under Field Conditions. <b>2022</b> , 2022, 1-12	О
367	ANALYSING GROWTH PATTERNS OF SELECTED TURKISH OAT CULTIVARS USING SIGMOIDAL MODELS.	
366	Variability in Cadmium Uptake in Common Wheat under Cadmium Stress: Impact of Genetic Variation and Silicon Supplementation. <b>2022</b> , 12, 848	О
365	Population structure, allelic variation at Rht-B1 and Ppd-A1 loci and its effects on agronomic traits in Argentinian durum wheat. <b>2022</b> , 12,	O
364	Identification of Wheat Genotypes Resilient to Terminal Heat Stress Using GGE Biplot Analysis.	
363	Effect of Wheat Monoculture on Durum Wheat Yield under Rainfed Sub-Humid Mediterranean Climate of Tunisia. <b>2022</b> , 12, 1453	O
362	Discovering QTLs related to spot blotch disease in spring wheat (Triticum aestivum L.) genome.	О
361	Early Plant Development in Intermediate Wheatgrass. <b>2022</b> , 12, 915	O
360	R2R3-MYBs in Durum Wheat: Genome-Wide Identification, Poaceae-Specific Clusters, Expression, and Regulatory Dynamics Under Abiotic Stresses. 13,	3
359	Selection for yield over five decades favored anisohydric and phenological adaptations to early-season drought in Australian wheat.	1

358	Nitrogen Use Efficiency and Yield of Wheat Genotypes Affected by Nitrogen Fertilizing and Environmental Conditions in Southern Brazil.	O
357	A First Approach to Determine If It Is Possible to Delineate In-Season N Fertilization Maps for Wheat Using NDVI Derived from Sentinel-2. <b>2022</b> , 14, 2872	2
356	Simulation of winter wheat response to variable sowing dates and densities in a high-yielding environment.	O
355	Post-flowering Soil Waterlogging Curtails Grain Yield Formation by Restricting Assimilates Supplies to Developing Grains. 13,	
354	Potato Yield Improvement Through Integrated Cover Cropping and Nitrogen Management Occurred in Semiarid Climatic Condition.	
353	Monitoring Leaf Nitrogen Accumulation With Optimized Spectral Index in Winter Wheat Under Different Irrigation Regimes. 13,	2
352	Impact of varying N fertiliser rate and timing on yield formation and grain filling in winter and spring-sown oats. <b>2022</b> , 139, 126550	
351	Correlation Analysis of Vegetation Indices Based on Multi-temporal Satellite Images and Unmanned Aerial Vehicle Images with Wheat Protein Contents. <b>2021</b> , 14, 86-94	
350	Cereal and oil seed crops response to organic nitrogen when grown in rotation with annual aerial-seeded pasture legumes. 1-13	O
349	Study of relationship between morpho-physiological traits and grain yield under terminal drought stress conditions in barley genotypes.	
348	Canadian plant disease survey 2022 volume 102: disease highlights 2021. 2022, 44, S1-S187	1
347	Genetic structure and genome-wide association study of a genomic panel of two-row, spring barley (Hordeum vulgare L.) with differential reaction to Fusarium head blight (Fusarium graminearum Schwabe) and deoxynivalenol production. 1-18	
346	Temperature-Driven Developmental Modulation of Yield Response to Nitrogen in Wheat and Maize. 4,	O
345	Utilization of Heat Susceptibility Index for Comparative Evaluation of Consistent Yield Performance in Wheat Under Heat Stress.	o
344	Resistance to stripe rust in Turkish durum wheat varieties and wild emmer genotypes.	1
343	Predicting grain protein concentration in winter wheat (Triticum aestivum L.) based on unpiloted aerial vehicle multispectral optical remote sensing. <b>2022</b> , 72, 788-802	
342	Multi-stage resistance to Zymoseptoria tritici revealed by GWAS in an Australian bread wheat (Triticum aestivum L.) diversity panel.	
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340	Wheat photosystem II heat tolerance: Evidence for genotype-by-environment interactions.	0
339	Phenotypic characterization of the Hordeum bulbosum derived leaf rust resistance genes Rph22 and Rph26 in barley.	
338	Effects of calcareous marine algae on milk production, feed intake, energy balance, mineral status, and inflammatory markers in transition dairy cows. <b>2022</b> ,	O
337	Identification and molecular mapping of YrBm for adult plan resistance to stripe rust in Chinese wheat landrace Baimangmai.	
336	Phenotypic Variability of Wheat and Environmental Share in Soil Salinity Stress [3S] Conditions. <b>2022</b> , 14, 8598	1
335	Genetic, Phenotypic and Metabolic Diversity of Yeasts From Wheat Flag Leaves. 13,	
334	Unsupervised Plot-Scale LAI Phenotyping via UAV-Based Imaging, Modelling, and Machine Learning. <b>2022</b> , 2022, 1-19	1
333	The Qc5 Allele Increases Wheat Bread-Making Quality by Regulating SPA and SPR. <b>2022</b> , 23, 7581	Ο
332	Identification of a wheat powdery mildew dominant resistance gene in the Pm5 locus for high-throughput marker-assisted selection.	0
331	Cytokinin seed priming mediated induction of terminal heat stress tolerance and expression profiling of SKP1 transcripts, a component of ubiquitin proteasome system in bread wheat (Triticum aestivum L.): a transgenerational analysis.	
330	Far-Red Light Coordinates the Diurnal Changes in the Transcripts Related to Nitrate Reduction, Glutathione Metabolism and Antioxidant Enzymes in Barley. <b>2022</b> , 23, 7479	
329	Wheat yield potential can be maximized by increasing red to far-red light conditions at critical developmental stages.	Ο
328	Leaf bacterial microbiota response to flooding is controlled by plant phenology in wheat (Triticum aestivum L.). <b>2022</b> , 12,	2
327	A Secondary Metabolite Secreted by Penicillium citrinum Is Able to Enhance Parastagonospora nodorum Sensitivity to Tebuconazole and Azoxystrobin. 3,	
326	A study on Natural Fibre Reinforced Concrete from Materials to Structural Applications.	0
325	Genetic yield gain between 1942 and 2013 and associated changes in phenology, yield components and root traits of Australian barley.	Ο
324	Liming alkaline clay soils: effects on soil structure, nutrients, barley growth and yield. <b>2022</b> , 72, 803-817	
323	Wheat NAM genes regulate the majority of early monocarpic senescence transcriptional changes including nitrogen remobilisation genes.	O

322	Exotic alleles of EARLY FLOWERING 3 determine plant development and grain yield in barley.	O
321	Screening and evaluation for antibiosis resistance of the spring wheat accessions to the grain aphid, Sitobion miscanthi (Takahashi) (Hemiptera: Aphididae). <b>2022</b> , 21, 2329-2344	1
320	Assimilation of wheat and soil states for improved yield prediction: The APSIM-EnKF framework. <b>2022</b> , 201, 103456	
319	Canonical correlations between high and low heritability wheat traits via mixed models. 2023, 53,	
318	SNP Genotyping for Purity Assessment of a Forage Oat (Avena sativa L.) Variety from Colombia. <b>2022</b> , 12, 1710	
317	Lactic Acid Bacteria as Potential Biocontrol Agents for Fusarium Head Blight Disease of Spring Barley. 13,	
316	Effects of LEDs Light Spectra on the Growth, Yield, and Quality of Winter Wheat (Triticum aestivum L.) Cultured in Plant Factory.	O
315	Optimal resistance management for mixtures of high-risk fungicides: robustness to the initial frequency of resistance and pathogen sexual reproduction.	O
314	Multi-locus genome-wide association studies reveal novel alleles for flowering time under vernalisation and extended photoperiod in a barley MAGIC population.	
313	The brassinosteroid biosynthesis gene TaD11-2A controls grain size and its elite haplotype improves wheat grain yields. <b>2022</b> , 135, 2907-2923	1
312	Mining of the national gene bank collection identifies resistance sources for loose smut of wheat in Northern Himalayan conditions.	
311	Efficiency and Effectivity of a Biological <b>E</b> pidemiological Fungal Disease Management System in Wheat <b>A</b> Study of 26 Years. <b>2022</b> , 12, 1099	1
310	Selenium alleviates cadmium-induced stress in durum wheat (Triticum durum) by enhancing the accumulation of cadmium in the roots and by modulating of photosynthesis parameters. 1-17	
309	Transfer of Durable Stripe Rust Resistance Gene Yr39 into Four Chinese Elite Wheat Cultivars Using Marker-Assisted Selection. <b>2022</b> , 12, 1791	
308	A Novel Hybrid GOA-XGB Model for Estimating Wheat Aboveground Biomass Using UAV-Based Multispectral Vegetation Indices. <b>2022</b> , 14, 3506	O
307	Characterization and Molecular Mapping of a Gene Conferring High-temperature Adult-plant Resistance to Stripe Rust Originally from Aegilops ventricosa.	O
306	Modelling quantitative fungicide resistance and breakdown of resistant cultivars: designing integrated disease management strategies for Septoria of winter wheat.	O
305	ENVIROME-WIDE ASSOCIATIONS ENHANCE MULTI-YEAR GENOME-BASED PREDICTION OF HISTORICAL WHEAT BREEDING DATA.	

304	The estimation of wheat tiller number based on UAV images and gradual change features (GCFs).	
303	Establishment and identification of six wheat-Thinopyrum ponticum disomic addition lines derived from partial amphiploid Xiaoyan 7430.	O
302	Protective Effects of Systiva Seed Treatment Fungicide for the Control of Winter Wheat Foliar Diseases Caused at Early Stages Due to Climate Change. <b>2022</b> , 12, 2000	
301	A scalable phenotyping approach for female floral organ development and senescence in the absence of pollination in wheat.	
300	Multivariate and Association Analyses of Quantitative Attributes Reveal Drought Tolerance Potential of Wheat (Triticum aestivum L.) Genotypes. 1-18	
299	Spring-seeded winter rye living mulches enhance crop biodiversity and promote reduced tillage organic soybeans. 6,	
298	Mapping QTL for Adult-Plant Resistance to Stripe Rust in a Chinese Wheat Landrace. 2022, 23, 9662	O
297	A Comparative Assessment of Agronomic and Baking Qualities of Modern/Old Varieties and Landraces of Wheat Grown in Calabria (Italy). <b>2022</b> , 11, 2359	O
296	Monitoring Key Wheat Growth Variables by Integrating Phenology and UAV Multispectral Imagery Data into Random Forest Model. <b>2022</b> , 14, 3723	3
295	Relevance of soil fertility spatial databases for parameterizing APSIM-wheat crop model in Moroccan rainfed areas. <b>2022</b> , 42,	
294	Genetic Mapping of Quantitative Trait Loci for Agronomical and Morpho-Physiological Traits Under Drought Environments in Spring Barley (Hordeum vulgare L.).	
293	Influence of relay intercropping of barley with chickpea on biochemical characteristics and yield under water stress.	
292	Ability of cereal species for nitrogen uptake from cover crop rhizodeposits is not related to domestication level.	
291	Higher fitness and competitive advantage of Pyricularia oryzae Triticum lineage resistant to QoI fungicides.	
290	Wheat traits and the associated loci conferring radiation use efficiency.	1
289	Assessing the role of glaucousness in imparting tolerance to moisture and heat stress in wheat.	
288	Identification, in vitro growth and pathogenicity of Microdochium spp. associated with wheat crown rot in Algeria.	О
287	Variable climate suitability for wheat blast (Magnaporthe oryzae pathotype Triticum) in Asia: results from a continental-scale modeling approach.	O

286	Potential of Pseudomonas and Trichoderma from the Brazilian Amazon as Biocontrol Agents against the Wheat Blast Disease. <b>2022</b> , 12, 2003	
285	Transpirational Leaf Cooling Effect Did Not Contribute Equally to Biomass Retention in Wheat Genotypes under High Temperature. <b>2022</b> , 11, 2174	Ο
284	Carbon (C) to nitrogen (N) ratio and quantity of organic amendment interactively affect crop growth and soil mineral N retention. <b>2022</b> ,	1
283	Novel rock mineral fertiliser application with microbial consortium inoculant enhances growth, yield and grain protein content of wheat (Triticum aestivum L.) in sandy soil. 1-16	Ο
282	Selection indexes based on genotypic values applied to Brazilian tropical wheat breeding. 8, 1-16	
281	Wheat genomic study for genetic improvement of traits in China.	3
280	Genome-wide identification and characterization of circRNAs in wheat tiller.	
279	Pollen: A Potential Explant for Genetic Transformation in Wheat (Triticum aestivum L.). <b>2022</b> , 12, 2009	
278	Overexpression of the WAPO-A1 gene increases the number of spikelets per spike in bread wheat. <b>2022</b> , 12,	
277	Warming Climate and Elevated CO2 Will Enhance Future Winter Wheat Yields in North China Region. <b>2022</b> , 13, 1275	
276	The role of silicon in regulating physiological and biochemical mechanisms of contrasting bread wheat cultivars under terminal drought and heat stress environments. 13,	Ο
275	Effects of Reducing Nitrogen Application Rate under Different Irrigation Methods on Grain Yield, Water and Nitrogen Utilization in Winter Wheat. <b>2022</b> , 12, 1835	3
274	Raised bed planting promotes grain number per spike of wheat grown after rice by improving spike differentiation and enhancing photosynthetic capacity. <b>2022</b> ,	О
273	Accumulation and regulation of anthocyanins in white and purple Tibetan Hulless Barley (Hordeum vulgare L. var. nudum Hook. f.) revealed by combined de novo transcriptomics and metabolomics. <b>2022</b> , 22,	Ο
272	Estimating technological quality parameters of bread wheat using sensor-based Normalized Difference Vegetation Index. <b>2022</b> , 107, 103535	
271	Can rainwater harvesting replace conventional irrigation for winter wheat production in dry semi-humid areas in China?. <b>2022</b> , 272, 107852	2
270	Root architecture and leaf photosynthesis traits and associations with nitrogen-use efficiency in landrace-derived lines in wheat. <b>2022</b> , 140, 126603	O
269	Interaction of Biochar with Chemical, Green and Biological Nitrogen Fertilizers on Nitrogen Use Efficiency Indices. <b>2022</b> , 12, 2106	5

268	Seasonal Mapping of Irrigated Winter Wheat Traits in Argentina with a Hybrid Retrieval Workflow Using Sentinel-2 Imagery. <b>2022</b> , 14, 4531	2
267	Exploring the uncertainty in projected wheat phenology, growth and yield under climate change in China. <b>2022</b> , 326, 109187	O
266	An assimilation method for wheat failure detection at the seedling stage. 2022, 141, 126640	О
265	Rice yield estimation using a CNN-based image-driven data assimilation framework. <b>2022</b> , 288, 108693	Ο
264	Impact of plastic sheet mulching on grain Zn concentration, P/Zn ratio and Zn uptake in dryland grown winter wheat. <b>2022</b> , 288, 108681	0
263	Phenological, morphological and physiological drivers of cereal grain yield in Mediterranean agroforestry systems. <b>2022</b> , 340, 108158	O
262	RNA-seq datasets of field rapeseed (Brassica napus) cultures conditioned by Elice16Indures biostimulator. <b>2022</b> , 45, 108602	0
261	Investigation of Bread Wheat Genotypes with Different Characteristics by Physiological and Quality Traits.	O
260	Responses of Barley (Hordeum vulgare L.) Genotypes to Salinity Stress Under Controlled and Field Conditions.	0
259	Wheat yield and nitrogen use efficiency enhancement through poly(aspartic acid)-coated urea in clay loam soil based on a 5-year field trial. 13,	O
258	Should phenological information be applied to predict agronomic traits across growth stages of winter wheat?. <b>2022</b> ,	0
257	Pathogenicity and infection behaviour of Exserohilum rostratum on wheat and associated collateral hosts	Ο
256	Image-based phenomic prediction can provide valuable decision support in wheat breeding.	Ο
255	Competitive ability of western Canadian spring wheat cultivars in a model weed system.	Ο
254	Diversity of Ethiopian Durum Wheat Landraces for Resistance to Stem Rust Seedling Resistance Genes. <b>2022</b> , 2022, 1-9	0
253	Foraging behaviour of an omnivorous bird varies in mixed-species groups. 1-17	O
252	Genetic Gains in Grain Yield and Agronomic Traits of Argentinian Durum Wheat from 1934 to 2015. <b>2022</b> , 12, 2151	0
251	Shading in the late stem elongation period generate the greatest grain yield reduction in oat (Avena sativa L.). 1-14	O

250	Effect of Clover Sward Management on Nitrogen Fixation and Performance of Following Springand Winter Wheat Crops; Results of a 3-Year Pilot Study. <b>2022</b> , 12, 2085	1
249	Increasing the Grain Yield and Grain Protein Content of Common Wheat (Triticum aestivum) by Introducing Missense Mutations in the Q Gene. <b>2022</b> , 23, 10772	О
248	Different Drought Tolerance Strategy of Wheat Varieties in Spike Architecture. 2022, 12, 2328	1
247	Evaluation of the Influence of Field Conditions on Aerial Multispectral Images and Vegetation Indices. <b>2022</b> , 14, 4792	1
246	Rhizospheric Microbiome Responses to Cover Crop Suppression Methods. <b>2022</b> , 12, 2246	O
245	Gabi wheat a panel of European elite lines as central stock for wheat genetic research. <b>2022</b> , 9,	O
244	Effect of Nitrogen-Fixing Bacteria Application on Biochemical Properties, Yield, and Nutrients of Barley.	0
243	QTL for resistance to black point caused by Bipolaris sorokiniana in bread wheat.	O
242	Interactive Effects of Maize Straw-Derived Biochar and N Fertilization on Soil Bulk Density and Porosity, Maize Productivity and Nitrogen Use Efficiency in Arid Areas.	0
241	Morphological, qualitative, and nutraceutical differences between fruits of Actinidia deliciosa (A. Chev.) C.F. Liang & (A. Ferguson and A. chinensis Planch varieties. <b>2022</b> , 87,	O
240	Early or late? The role of genotype phenology in determining wheat response to drought under future high atmospheric CO 2 levels.	O
239	Characterisation of stem rust resistance in the South African winter wheat cultivar PAN 3161. <b>2022</b> , 218,	O
238	Multi-environment genome -wide association mapping of culm morphology traits in barley. 13,	O
237	Physiological and Antioxidant Response to Different Water Deficit Regimes of Flag Leaves and Ears of Wheat Grown under Combined Elevated CO2 and High Temperature. <b>2022</b> , 11, 2384	1
236	The Potential of Genome-Wide Prediction to Support Parental Selection, Evaluated with Data from a Commercial Barley Breeding Program. <b>2022</b> , 11, 2564	O
235	QTL mapping of seedling and field resistance to stem rust in DAKIYE/Reichenbachii durum wheat population. <b>2022</b> , 17, e0273993	О
234	Earliness of spring bread wheat accessions under the conditions of the Middle Volga Region. <b>2022</b> , 183, 66-75	0
233	Assessment of crop traits retrieved from airborne hyperspectral and thermal remote sensing imagery to predict wheat grain protein content. <b>2022</b> , 193, 284-298	O

232	Simulating the effects of low-temperature stress on wheat biomass growth and yield. <b>2022</b> , 326, 109191	0
231	Low seed rate in square planting arrangement has neutral or positive effect on grain yield and improves grain nitrogen and phosphorus uptake in wheat. <b>2022</b> , 288, 108699	O
230	Root architectural traits and yield stability in popular wheat (Triticum aestivum) varieties of India. <b>2020</b> , 90, 1291-1296	0
229	Spectral Measures from Sentinel-2 Imagery vs Ground-Based Data from Rapidscan <sup>*</sup> Sensor: Performances on Winter Wheat. <b>2022</b> , 211-221	O
228	Predictive Models for Plant Disease Assessment. <b>2022</b> , 225-239	O
227	Combining ability and selection of wheat populations for a tropical environment. 2022, 40,	O
226	Kavuzsuz yulaf genotiplerinde byłthenin doflusal olmayan regresyon modelleri ve Zadoks byłthe skalas-ile belirlenmesi.	0
225	Infected grasses as inoculum for Fusarium infestation and mycotoxin accumulation in wheat with and without irrigation.	O
224	Evaluation of two artificial defoliation methods to simulate damage by the cereal leaf beetle (Oulema melanopus) larvae in winter wheat. <b>2022</b> ,	O
223	Probabilistic assessment of cereal-rye impacts on regional crop yield and soil carbon.	О
223	Probabilistic assessment of cereal-rye impacts on regional crop yield and soil carbon.  Molecular evidence for adaptive evolution of drought tolerance in wild cereals.	0
222	Molecular evidence for adaptive evolution of drought tolerance in wild cereals.	1
222	Molecular evidence for adaptive evolution of drought tolerance in wild cereals.  Phosphite treatment can improve root biomass and nutrition use efficiency in wheat. 13,	1
222 221 220	Molecular evidence for adaptive evolution of drought tolerance in wild cereals.  Phosphite treatment can improve root biomass and nutrition use efficiency in wheat. 13,  Advancing understanding of oat phenology for crop adaptation. 13,  Assessing the Interplay between Weather and Septoria Leaf Blotch Severity on Lower Leaves on	1 0
222 221 220 219	Molecular evidence for adaptive evolution of drought tolerance in wild cereals.  Phosphite treatment can improve root biomass and nutrition use efficiency in wheat. 13,  Advancing understanding of oat phenology for crop adaptation. 13,  Assessing the Interplay between Weather and Septoria Leaf Blotch Severity on Lower Leaves on the Disease Risk on Upper Leaves in Winter Wheat. 2022, 8, 1119  Nitrification inhibitor application at stem elongation stage increases soil nitrogen availability and	1 1 0
222 221 220 219 218	Molecular evidence for adaptive evolution of drought tolerance in wild cereals.  Phosphite treatment can improve root biomass and nutrition use efficiency in wheat. 13,  Advancing understanding of oat phenology for crop adaptation. 13,  Assessing the Interplay between Weather and Septoria Leaf Blotch Severity on Lower Leaves on the Disease Risk on Upper Leaves in Winter Wheat. 2022, 8, 1119  Nitrification inhibitor application at stem elongation stage increases soil nitrogen availability and wheat nitrogen use efficiency under drought stress. 1-18	1 1 0 0 0

214	Microbial Consortium Inoculum with Rock Minerals Increased Wheat Grain Yield, Nitrogen-Use Efficiency, and Protein Yield Due to Larger Root Growth and Architecture. <b>2022</b> , 12, 2481	O
213	Screening of the Effect of Mutation Breeding On Biotic Stress Tolerance and Quality Traits of Durum Wheat.	O
212	Phenological growth stages of Magnolia Boulangeana according to the extended BBCH scale.	О
211	HvSL1andHvMADS16promote stamen identity to restrict multiple ovary formation in barley.	Ο
210	Wheat NAM genes regulate the majority of early monocarpic senescence transcriptional changes including nitrogen remobilization genes.	2
209	24-Epicastasterone and KH2PO4 protect grain production of wheat crops from terminal heat impacts by modulating leaf physiology. 1-14	0
208	Nitrogen fertilization with pig slurry in a barley-sorghum double-annual forage cropping system.	О
207	Critical-point yield loss models based on incidence and severity of wheat head blast epidemics in the Brazilian Cerrado.	Ο
206	Genetic incorporation of genes for the optimal plant architecture in common wheat. <b>2022</b> , 42,	О
205	Multi-stage resistance to Zymoseptoria tritici revealed by GWAS in an Australian bread wheat diversity panel. 13,	Ο
204	Effect of Arbuscular Mycorrhizal Fungal Seed Coating on Grain Protein and Mineral Composition of Old and Modern Bread Wheat Genotypes. <b>2022</b> , 12, 2418	О
203	Effects of Population Regulation on the SourceBink System of Hybrid Wheat Jingmai 6. <b>2022</b> , 12, 2530	O
202	Ground rolling delays apical development and reduces frost injury in early-sown spring wheat. 1-6	О
201	Transfer-Learning-Based Approach for Yield Prediction of Winter Wheat from Planet Data and SAFY Model. <b>2022</b> , 14, 5474	Ο
200	Genome-Wide Association Study of Leaf Rust Resistance at Seedling and Adult Plant Stages in a Global Barley Panel. <b>2022</b> , 12, 1829	О
199	Probabilistic assessment of cereal-rye impacts on regional crop yield and soil carbon.	О
198	Impact of Alien Genes on Disease Resistance, Drought Tolerance, and Agronomic Traits in Winter Wheat Commercial Varieties. <b>2022</b> , 16,	О
197	Elucidating the Genetic Relationships on the Original Old Sicilian Triticum Spp. Collection by SNP Genotyping. <b>2022</b> , 23, 13378	Ο

196	Evaluation of resistance of Turkish bread wheat (Triticum aestivum) varieties to recently emerged Puccinia striiformis f. sp. tritici races. <b>2022</b> , 101928	1
195	Increased levels of Cell Wall Degrading Enzymes and peptidases are associated with aggressiveness in a virulent isolate of Pyrenophora teres f. maculata. <b>2022</b> , 153839	o
194	Screening of bread wheat (Triticum aestivum L.) genotypes resistance to yellow rust along with grain yield.	0
193	Detection of fusarium head blight in wheat under field conditions using a hyperspectral camera and machine learning. <b>2022</b> , 203, 107456	1
192	Remote sensing and on-farm experiments for determining in-season nitrogen rates in winter wheat [Options for implementation, model accuracy and remaining challenges. <b>2022</b> , 289, 108742	0
191	Late-season nitrogen application increases grain protein concentration and is neutral for yield in wheat. A global meta-analysis. <b>2023</b> , 290, 108740	o
190	Identification of high-temperature resistance to stripe rust and molecular detection of Yr genes in Chinese core collections of common wheat. <b>2023</b> , 164, 106136	0
189	Yield of soybean-wheat succession in no-tillage system and soil chemical properties affected by liming, aluminum tolerance of wheat cultivars, and nitrogen fertilization. <b>2023</b> , 226, 105576	О
188	Identification of resistant genotypes and representative environments for spot blotch (Biploris sorokiniana) in barley (Hordeum vulgare). <b>2020</b> , 90, 909-913	0
187	Estimation of photosynthetic light energy conversion efficiency in winter wheat varieties under drought. 31, 122-126	О
186	Winter cover crops and dynamics of weeds in agricultural systems of the Argentine Rolling Pampas. <b>2022</b> , 68, 414-422	0
185	Determination of The Effects of Some Photosynthesis Organs Removed in The Spike Period on Agricultural Traits of Bread Wheat Varieties.	o
184	The effect of drought at flowering stage on the dynamics of accumulation and remobilization of reserve water-soluble carbohydrates in stem segments of winter wheat varieties contrasting in drought resistance. <b>2022</b> , 54, 429-449	0
183	A predictive model of wheat grain yield based on canopy reflectance indices and theoretical definition of yield potential.	o
182	Genome-wide association studies reveal putative QTLs for physiological traits under contrasting phosphorous conditions in wheat (Triticum aestivum L.). 13,	o
181	Photoperiod and vernalization alleles greatly affected phenological and agronomic traits in bread wheat under autumn and spring sowing conditions. <b>2022</b> ,	o
180	Quantifying nutrient harvest indices and uptake patterns for six hard spring wheat genotypes grown under contrasting nitrogen supply. 1-26	0
179	Achieving of high-diet-fiber barley via managing fructan hydrolysis. <b>2022</b> , 12,	O

178	Seed Infection Rate, but not Pathogen Titer Positively Correlates with Disease Index of Cephalosporium Stripe in Winter Wheat.	0
177	Changes in Soil Biological Properties after Sewage Sludge and Pesticide Application in Wheat Cultivation. <b>2022</b> , 12, 11452	1
176	Biological nitrification inhibitor-trait enhances nitrogen uptake by suppressing nitrifier activity and improves ammonium assimilation in two elite wheat varieties. 13,	0
175	Effect of sowing date on dry matter and nitrogen partitioning and its translocation in winter barley.	O
174	Transcriptome Analysis of WheatIllletia indica Interaction Provides Defense and Pathogenesis-Related Genes. <b>2022</b> , 11, 3061	0
173	New Genomic Regions Identified for Resistance to Spot Blotch and Terminal Heat Stress in an Interspecific Population of Triticum aestivum and T. spelta. <b>2022</b> , 11, 2987	O
172	Differential response to DMI , QoI and SDHI fungicides in wheat and signal grass blast populations from Minas Gerais, Brazil.	0
171	Azospirillum brasilense and Zinc Rates Effect on Fungal Root Colonization and Yield of Wheat-Maize in Tropical Savannah Conditions. <b>2022</b> , 11, 3154	O
170	The pathway of melatonin biosynthesis in common wheat (Triticum aestivum).	0
169	Shading decreases lodging resistance of wheat under different planting densities by altering lignin monomer composition of stems. 13,	O
168	Exogenous Melatonin Improves Waterlogging Tolerance in Wheat through Promoting Antioxidant Enzymatic Activity and Carbon Assimilation. <b>2022</b> , 12, 2876	1
167	Nitrogen nutrition index at GS 3.3 is an effective tool to adjust nitrogen required to reach attainable wheat yield. <b>2022</b> , 26,	O
166	Photosynthetic material remobilization and its contribution to barley yield. 57,	0
165	Puccinia triticina (wheat brown rust). 2022, CABI Compendium,	O
164	Projected impacts of sowing date and cultivar choice on the timing of heat and drought stress in spring barley grown along a European transect. <b>2023</b> , 291, 108768	О
163	The role of phenology in environmental adaptation of winter wheat. <b>2023</b> , 143, 126686	O
162	Puccinia striiformis (yellow rust). <b>2022</b> , CABI Compendium,	0
161	Phenotyping and marker based identification of resistant lines in wheat (Triticum aestivum) against spot blotch pathogen (Cochliobolus sativus). <b>2019</b> , 89,	O

160	Can Decision Support Systems Help Improve the Sustainable Use of Fungicides in Wheat?. <b>2022</b> , 14, 15599	1
159	Spectral characteristics of winter wheat varieties depending on the development degree of Pyrenophora tritici-repentis.	1
158	Quantifying Irrigated Winter Wheat LAI in Argentina Using Multiple Sentinel-1 Incidence Angles. <b>2022</b> , 14, 5867	1
157	Biofumigation for the Management of Fusarium graminearum in a Wheat-Maize Rotation. <b>2022</b> , 11, 1427	O
156	Improving yield and nitrogen use efficiency of hybrid indica rice through optimizing nitrogen application strategies in the rice season under different rotation patterns.	O
155	The effects of heading time on yield performance and HvGAMYB expression in spring barley subjected to drought.	O
154	TĒkiye'de 1931 ve 2017 YĦar-ʿArasāda Yeti□ Ēirilen Ticari Ekmeklik BuʿĒlay Ē□ Ītlerinde Embriyo Kararmas-ʿTaramas-ve Embriyo Kararmasāā Bin Dane AĦāa Etkisi.	0
153	Response of the wheat mycobiota to flooding revealed substantial shifts towards plant pathogens. 13,	O
152	Infrared Thermal Imaging and Morpho-Physiological Indices Used for Wheat Genotypes Screening under Drought and Heat Stress. <b>2022</b> , 11, 3269	0
151	Effect of Late 15N-Fertilization and Water Deficit on Allocation into the Gluten of German and Mediterranean Spring Wheat Cultivars. <b>2022</b> , 3, 628-635	O
150	Canopy spectral reflectance indices correlate with yield traits variability in bread wheat genotypes under drought stress. 10, e14421	0
149	Tuning of meristem maturation rate increases yield in multiple Triticum aestivum cultivars. 2022, 6,	O
148	Microbial inoculants improve nutrients uptake and yield of durum wheat in calcareous soils under drought stress in the Mediterranean region. 1-15	0
147	Carbon isotope discrimination as a key physiological trait to phenotype drought/heat resistance of future climate-resilient German winter wheat compared with relative leaf water content and canopy temperature. 13,	O
146	The phenological stages of forestry species under the impact of climate change Early data. 2022, 6, 069-073	0
145	Evaluating the timing of insecticide application to manage barley yellow dwarf virus and yield in winter barley.	O
144	Evaluation of wheat stem sawfly resistant solid stem Qss.msub-3BL alleles in hard red winter wheat.	0
143	Improvement in Brazilian barley breeding: Changes in developmental phases and ecophysiological traits. 13,	О

142	Combined foliar application of Zn and Fe increases grain micronutrient concentrations and alleviates water stress across diverse wheat species and ploidal levels. <b>2022</b> , 12,	1
141	Host Susceptibility of CIMMYTE International Spring Wheat Lines to Crown and Root Rot Caused by Fusarium culmorum and F. pseudograminearum. <b>2022</b> , 12, 3038	О
140	Assessing the Agronomic Subfield Variability by Sentinel-2 NDVI Time-Series and Landscape Position. <b>2023</b> , 13, 44	О
139	Association of canopy temperature with agronomic traits in spring wheat inbred populations. <b>2023</b> , 219,	О
138	Effects of Soil Water Shortage on Seedling Shoot and Root Growth of Saragolle Lucana Tetraploid Wheat (Triticum durum Desf.) Landrace. <b>2022</b> , 11, 3492	О
137	Linking genetic markers with an eco-physiological model to pyramid favorable alleles and design wheat ideotypes.	O
136	Yeti□ Eirme Sistemlerinin Kurak 🏻 Eirtlarda BuElayñ Verim ve Kalite Zelliklerine Etkisi. <b>2022</b> , 11, 1-1	О
135	Analysis of Genetic Diversity and Phylogenetic Relationships of Wheat (Triticum aestivum L.) Genotypes Using Phenological, Molecular and DNA Barcoding Markers. <b>2023</b> , 14, 34	O
134	Identification of quantitative trait loci (QTL) and meta-QTL analysis for kernel size-related traits in wheat (Triticum aestivum L.). <b>2022</b> , 22,	О
133	Farkl-̃geli⊡ fine dfilemlerinde yap <del>la</del> n hasad <del>n</del> tatl <del>-̃mṣ̃r̃n</del> (Zea mays L. saccharata Sturt) tane verimi ve verim unsurlarña etkisi. 432-442	О
132	Optimizing time and split application of nitrogen fertilizer to harness grain yield and quality of bread wheat (Triticum Aestivum L.) in northwestern Ethiopia. <b>2022</b> , 17, e0279193	О
131	Wheat EARLY FLOWERING 3 affects heading date without disrupting circadian oscillations.	О
130	Assessing the Suitability of Multivariate Analysis for Stress Tolerance Indices, Biomass, and Grain Yield for Detecting Salt Tolerance in Advanced Spring Wheat Lines Irrigated with Saline Water under Field Conditions. <b>2022</b> , 12, 3084	1
129	Genotype by environment interaction analysis for Fusarium head blight response and yield performance of bread wheat (Triticum aestivum L.) in southern Ethiopia. <b>2022</b> , 4,	О
128	The Interaction of Fungicide and Nitrogen for Aboveground Biomass from Flag Leaf Emergence and Grain Yield Generation under Tan Spot Infection in Wheat. <b>2023</b> , 12, 212	О
127	Exotic alleles contribute to heat tolerance in wheat under field conditions. 2023, 6,	О
126	Optimization of Sowing Date for Spring Maize in China's Loess Plateau Based on Presowing Temperature and Soil Water Content.	О
125	Variation in potential feeding value of triticale forage among plant fraction, maturity stage, growing season and genotype. <b>2023</b> , 9, e12760	О

124	The impact of growth at elevated [CO2] on stomatal anatomy and behavior differs between wheat species and cultivars.	0
123	New wheat variety INIA 440 - K'ANCHAREQ: Selection and agronomic and commercial characterization in Cusco, Peru. <b>2023</b> , 9, e12712	O
122	Downregulation of barley ferulate 5-hydroxylase dramatically alters straw lignin structure without impact on mechanical properties. 13,	0
121	The Chlorophyll Fluorescence Parameter Fv/Fm Correlates with Loss of Grain Yield after Severe Drought in Three Wheat Genotypes Grown at Two CO2 Concentrations. <b>2023</b> , 12, 436	Ο
120	Transcriptomic profiling of wheat stem during meiosis in response to freezing stress. 13,	0
119	Virulence characterization of the wheat stripe rust pathogen, Puccinia striiformis f. sp. tritici, in Turkey from 2018 to 2020.	O
118	Comparative Transcriptomics of Fusarium graminearum and Magnaporthe oryzae Spore Germination Leading up To Infection.	0
117	Pre-anthesis spike growth dynamics and its association to yield components among elite bread wheat cultivars (Triticum aestivumL. spp.) under Mediterranean climate.	O
116	Probabilistic Assessment of Cereal Rye Cover Crop Impacts on Regional Crop Yield and Soil Carbon. <b>2023</b> , 13, 176	0
115	Silica nanoparticles promote wheat growth by mediating hormones and sugar metabolism. <b>2023</b> , 21,	O
114	Discovering Loci for Breeding Prospective and Phenology in Wheat Mediterranean Landraces by Environmental and eigenGWAS. <b>2023</b> , 24, 1700	1
113	Spore-Trapping Device: An Efficient Tool to Manage Fungal Diseases in Winter Wheat Crops. <b>2023</b> , 12, 391	O
112	Fungicide sensitivity levels in the Lithuanian Zymoseptoria tritici population in 2021. 13,	0
111	Morpho-Physiological and Hormonal Response of Winter Wheat Varieties to Drought Stress at Stem Elongation and Anthesis Stages. <b>2023</b> , 12, 418	1
110	A cultivar phenology classification scheme for wheat and barley. <b>2023</b> , 143, 126732	0
109	A methods guideline for deep learning for tabular data in agriculture with a case study to forecast cereal yield. <b>2023</b> , 205, 107642	1
108	The effect of crop rotation and tillage practice on Fusarium crown rot and agronomic parameters of wheat in South Africa. <b>2022</b> , 106175	0
107	Assessment of spot blotch disease and terminal heat stress on the performance of spring wheat genotypes in eastern Indo-Gangetic plains of India.	O

106	Validation of Novel spot blotch disease resistance alleles identified in unexplored wheat (Triticum aestivum L.) germplasm lines through KASP markers. <b>2022</b> , 22,	0
105	Influence of Sink Size on 15N and 13C Allocation during Different Phenological Phases of Spring Wheat Cultivars. <b>2023</b> , 4, 28-36	0
104	Quantitative trait loci for resistance to black point caused by Bipolaris sorokiniana in bread wheat. <b>2023</b> , 43,	О
103	PyriculariaPopulations are Mostly Host-Specialized with Limited Reciprocal Cross-Infection Between Wheat and Endemic Grasses in Minas Gerais, Brazil.	0
102	Sustainability Assessment of Rice-Wheat System Through Organic Fertilizers and Green Manuring in Sub-Tropical Humid Climate.	О
101	Effects of different shallow and saline groundwater depths on soil salinity, evapotranspiration, grain yield and spike traits of winter wheat.	0
100	Spatio-temporal evaluation of drought adaptation in wheat revealed NDVI and MTSI as powerful tools for selecting tolerant genotypes.	О
99	Wheat Stem Rust Detection and Race Characterization in Tunisia. 2023, 12, 552	O
98	Wild barley (Hordeum spontaneum) and landraces (Hordeum vulgare) from Turkey contain an abundance of novel Rhynchosporium commune resistance loci. <b>2023</b> , 136, 1-14	О
97	Interactions of Fusarium Crown Rot of Wheat with Nitrogen. <b>2023</b> , 12, 533	O
96	The KL system in wheat permits homoeologous crossing over between closely related chromosomes. <b>2023</b> ,	О
95	Exploiting Rye in Wheat Quality Breeding: The Case of Arabinoxylan Content. <b>2023</b> , 12, 737	O
94	Biomass and Methane Production in Double Cereal Cropping Systems with Different Winter Cereal and Maize Plant Densities. <b>2023</b> , 13, 536	О
93	Evaluating the impact of a 2.5B°C increase in temperature on drought-stressed German wheat cultivars under natural stress conditions. <b>2023</b> , 332, 109378	O
92	Retrieving canopy nitrogen concentration and aboveground biomass with deep learning for ryegrass and barley: comparing models and determining waveband contribution. <b>2023</b> , 294, 108859	О
91	Genome-wide identification of WD40 transcription factors and their regulation of the MYB-bHLH-WD40 (MBW) complex related to anthocyanin synthesis in Qingke (Hordeum vulgare L. var. nudum Hook. f.). <b>2023</b> , 24,	0
90	Decision-making method for maize irrigation in supplementary irrigation areas based on the DSSAT model and a genetic algorithm. <b>2023</b> , 280, 108231	О
89	Improving wheat yield, quality and resource utilization efficiency through nitrogen management based on micro-sprinkler irrigation. <b>2023</b> , 282, 108277	O

88	Catching-up with genetic progress: Simulation of potential production for modern wheat cultivars in the Netherlands. <b>2023</b> , 296, 108891	О
87	Nitrogen regulates stem lodging resistance by breaking the balance of photosynthetic carbon allocation in wheat. <b>2023</b> , 296, 108908	O
86	Irrigation at appearance of top 2nd or flag leaf could improve canopy photosynthesis by regulating light distribution and LAI at each leaf layer. <b>2023</b> , 295, 108883	0
85	Predicting Stripe Rust Severity in Wheat Using Meteorological Data with Environmental Response Modeling. <b>2023</b> , 35, 102591	O
84	Wheat derived glucuronokinase as a potential target for regulating ascorbic acid and phytic acid content with increased root length under drought and ABA stresses in Arabidopsis thaliana. <b>2023</b> , 331, 111671	О
83	Exploring plant responses to abiotic stress by contrasting spectral signature changes. 13,	О
82	Environmental impacts and animal performance of finishing bulls fed different silage-based total mixed rations. <b>2023</b> , 268, 105166	0
81	A robust field-based method to screen heat tolerance in wheat. <b>2023</b> , 144, 126757	O
80	Supplemental irrigation at jointing improves spike formation of wheat tillers by regulating sugar distribution in ear and stem. <b>2023</b> , 279, 108160	О
79	Role of seed infection for the near and far distance dissemination of wheat blast caused by Magnaporthe oryzae pathotype Triticum. 14,	O
78	The Response of Chromosomally Engineered Durum Wheat-Thinopyrum ponticum Recombinant Lines to the Application of Heat and Water-Deficit Stresses: Effects on Physiological, Biochemical and Yield-Related Traits. <b>2023</b> , 12, 704	О
77	Inoculum threshold for stripe rust infection in wheat. 1-16	O
76	Carlic-lipo Plants: Liposome-Encapsulated Garlic Extract Stimulates ABA Pathway and PR Genes in Wheat (Triticum aestivum). <b>2023</b> , 12, 743	О
75	Linear dependency of winter wheat yield and nitrogen use efficiency on the pre-anthesis temperature in the lower reach of the Yangtze River. <b>2023</b> , 145, 126773	О
74	AMMI and GGE biplot analysis of yield under terminal heat tolerance in wheat. 2023, 50, 3459-3467	О
73	Spore dispersal patterns of the ascomycete fungus Ramularia collo-cygni and their influence on disease epidemics. <b>2023</b> , 39, 105-118	О
72	The effects of photoperiod and temperature-related factors on maize leaf number and leaf positional distribution in the field. 14,	0
71	Transfer of the high-temperature adult-plant stripe rust resistance gene Yr62 în four Chinese wheat cultivars.	O

70	Stress-induced deeper rooting introgression enhances wheat yield under terminal drought.	О
69	Assessing climate resilience of barley cultivars in northern conditions during 1980🛭 020. <b>2023</b> , 293, 108856	О
68	Metabolic Profiling Identifies Changes in the Winter Wheat Grains Following Fusarium Treatment at Two Locations in Croatia. <b>2023</b> , 12, 911	О
67	Varietal resistance of Algerian bread wheat against Fusarium culmorum, the main agent of crown rot on wheat. <b>2023</b> , 56, 175-186	O
66	Traits and the associated loci in wheat favoring extreme high temperature tolerance. 2023, 145, 126776	O
65	Affordable High Throughput Field Detection of Wheat Stripe Rust Using Deep Learning with Semi-Automated Image Labeling. <b>2023</b> , 207, 107709	O
64	Exploring root architecture and rhizosphere biology in fourteen winter wheat varieties released in Chile from 1965 to 2020.	О
63	Performance of APSIM to Simulate the Dynamics of Winter Wheat Growth, Phenology, and Nitrogen Uptake from Early Growth Stages to Maturity in Northern Europe. <b>2023</b> , 12, 986	О
62	Understanding the spatio-temporal behavior of crop yield, yield components and weed pressure using time series Sentinel-2-data in an organic farming system. <b>2023</b> , 145, 126785	1
61	Effects of a novel plant growth regulator B2 on stalk quality and grain yield of winter wheat in North China.	O
60	Development of bread wheat (Triticum aestivum L) variety HD3411 following marker-assisted backcross breeding for drought tolerance. 14,	0
59	Balancing grain yield trade-offs in <b>M</b> iracle-Wheat□	O
58	Nitrogen uptake of winter wheat from different soil depths under a modified sowing pattern.	0
57	CRISPR/Cas9 editing of wheat Ppd-1 gene homoeologs alters spike architecture and grain morphometric traits. <b>2023</b> , 23,	O
56	Leaf wettability and leaf angle affect air-moisture deposition in wheat for self-irrigation. 2023, 23,	0
55	Impact of Fusarium Head Blight on Wheat Flour Quality: Examination of Protease Activity, Technological Quality and Rheological Properties. <b>2023</b> , 13, 662	O
54	Dissecting durum wheat time to anthesis into physiological traits using a QTL-based model.	0
53	Registration of MT Sidney[hard red spring wheat.	Ο

52	Response of spring wheat (Triticum aestivum L.) cultivars to ridge -furrow tillage systems. <b>2023</b> , 19, 196-209	0
51	Drought-tolerance of transgenic winter wheat with partial suppression of the proline dehydrogenase gene. <b>2022</b> , 13, 385-392	O
50	MicroRNA172b-5p/trehalose-6-phosphate synthase module stimulates trehalose synthesis and microRNA172b-3p/AP2-like module accelerates flowering in barley upon drought stress. 14,	0
49	The study of the characteristics of the secondary flowering of Cerasus subhirtella Autumnalis□11, e14655	O
48	Above and below-ground growth, accumulated dry matter and nitrogen remobilization of wheat (Triticum aestivum) genotypes grown in PVC tubes under well- and deficit-watered conditions. 14,	0
47	Aggressiveness and mycotoxin profile of Fusarium avenaceum isolates causing Fusarium seedling blight and Fusarium head blight in UK malting barley. 14,	O
46	Boosting Immunity and Management against Wheat Fusarium Diseases by a Sustainable, Circular Nanostructured Delivery Platform. <b>2023</b> , 12, 1223	0
45	An international wheat diversity panel reveals novel sources of genetic resistance to tan spot in Australia. <b>2023</b> , 136,	O
44	Harnessing High Yield Potential in Wheat (Triticum aestivum L.) under Climate Change Scenario. <b>2023</b> , 12, 1271	0
43	The effects of sampling and instrument orientation on LiDAR data from crop plots. 14,	O
42	Contribution of Agro-Physiological and Morpho-Anatomical Traits to Grain Yield of Wheat Genotypes under Post-Anthesis Stress Induced by Defoliation. <b>2023</b> , 13, 673	0
41	Analysis of durum wheat photosynthetic organs during grain filling reveals the ear as a water stress-tolerant organ and the peduncle as the largest pool of primary metabolites. <b>2023</b> , 257,	O
40	Responses of wheat kernel weight to diverse allelic combinations under projected climate change conditions. 14,	О
39	Genetic Analysis of Grain Yield and Yield Components in Bread Wheat using Hayman's Diallel Method. <b>2022</b> , 14, 1-9	O
38	Evaluation of Seedling Stage Resistance of Commercial Bread Wheat Cultivars to Black Rust Disease using GGE Biplot Method. <b>2022</b> , 14, 186-196	0
37	Effects of sowing methods on nitrogen compounds and protease activities of whole-crop wheat silage.	O
36	Effects of Higher Top to Basal Nitrogen Dressing Ratio on Growth, Yield, Protein Content and Glassy Grain Rate in Six-rowed Barley Bhunrailand Kashimagoall Grown in the Kanto Region. <b>2023</b> , 92, 48-54	0
35	ZIP4is required for normal progression of synapsis and for over 95% of crossovers in wheat meiosis.	O

34	Optimizing Wheat Yield Prediction Integrating Data from Sentinel-1 and Sentinel-2 with CatBoost Algorithm. <b>2023</b> , 15, 1640	O
33	Chromosome groups 5, 6 and 7 harbor major quantitative trait loci controlling root traits in bread wheat (Triticum aestivum L.). 14,	O
32	The impact of stem and root fungal diseases on grain yield and quality of bread wheat under wheat mono-cropping systems in Mediterranean subhumid conditions of Tunisia.	O
31	Winter cereal species, cultivar, and harvest timing affect trade-offs between forage quality and yield. 7,	O
30	Industrial Hemp (Cannabis sativa L.) Agronomy and Utilization: A Review. 2023, 13, 931	O
29	The effects of heading time on yield performance and HvGAMYB expression in spring barley subjected to drought. <b>2023</b> , 64, 289-302	O
28	Root uptake and metabolization of Alternaria toxins by winter wheat plants using a hydroponic system.	O
27	The potential of glomalin-related soil proteins as a sensitive indicator of changes in different cropping systems in the Argentine Pampas.	O
26	Modelling quantitative fungicide resistance and breakdown of resistant cultivars: Designing integrated disease management strategies for Septoria of winter wheat. <b>2023</b> , 19, e1010969	1
25	Heat Stress Response of Bread Wheat Genotypes Under High and Low Rainfall Environments. 64-74	O
24	Will Climate Change Affect the Disease Progression of Septoria Tritici Blotch in Northern Europe?. <b>2023</b> , 13, 1005	0
23	Improving in-season wheat yield prediction using remote sensing and additional agronomic traits as predictors. 14,	O
22	Effect of spontaneous arbuscular mycorrhizal colonization in bread wheat varieties on the incidence of foliar diseases and grain yield. <b>2023</b> , 48,	O
21	WAX INDUCER 1 Regulates 即iketone Biosynthesis by Mediating Expression of the Cer-cqu Gene Cluster in Barley. <b>2023</b> , 24, 6762	O
20	Mapping and identification of molecular markers for the Pc96 gene conferring resistance to crown rust in oat. <b>2023</b> , 18, e0283769	O
19	Genome-wide identification and characterization of circRNAs in wheat tiller. 2023, 136,	O
18	Assessment relationship between agro-morphological traits and grain yield in barley genotypes under drought stress conditions.	O
17	Untargeted Metabolomics Reveals a Multi-Faceted Resistance Response to Fusarium Head Blight Mediated by the Thinopyrum elongatum Fhb7E Locus Transferred via Chromosome Engineering into Wheat. <b>2023</b> , 12, 1113	O

16	Primary and specialized metabolisms of Triticum aestivum L. affected by Solieria chordalis.	0
15	Identification of Novel QTLs Associated with Frost Tolerance in Winter Wheat (Triticum aestivum L.). <b>2023</b> , 12, 1641	O
14	Plot size and number of repetitions in forage wheat. <b>2023</b> , 36, 234-242	0
13	Inoculation with Plant Growth-Promoting Bacteria and Nitrogen Doses Improves Wheat Productivity and Nitrogen Use Efficiency. <b>2023</b> , 11, 1046	O
12	Pathogen diversity in a Moroccan population of Pyrenophora teres f. teres.	0
11	DMC1stabilizes synapsis and crossover at high and low temperatures during wheat meiosis.	O
10	Coupling machine learning and epidemiological modelling to characterise optimal fungicide doses when fungicide resistance is partial or quantitative. <b>2023</b> , 20,	0
9	Scales of development for wheat and barley specific to either single culms or a population of culms. <b>2023</b> , 147, 126824	O
8	Impact of Planting Date and Physiological Activator (Appetizer) Application on Quality and Quantity of Wheat Grains (Triticum aestivum.L). <b>2023</b> , 1158, 062022	0
7	Influence of Planting Date and Kinetin Concentration on Thermal Accumulation and Some Growth Trails in Barley. <b>2023</b> , 1158, 092007	O
6	Effect of Planting Date and Spraying with the Physiological Stimulant (Appetizer) on the Growth and Yield of Wheat (Triticum aestivum.L). <b>2023</b> , 1158, 062021	O
5	Reducing brassinosteroid signalling enhances grain yield in semi-dwarf wheat. <b>2023</b> , 617, 118-124	О
4	Alteration in the sowing time as an effective cultural management practice against kernel smut of rice. <b>2023</b> , 171, 265-273	0
3	Metabolic and genotypic mechanisms involved in early defensive response of powdery mildew-infected wheat. <b>2023</b> , 126, 102035	O
2	Transcriptional Signatures in Contrasting Cultivars of Barley During Early Reproductive Development of Meristem.	О
1	Mitigation of Elevated CO2 Concentration on Warming-Induced Changes in Wheat Is Limited under Extreme Temperature during the Grain Filling Period. <b>2023</b> , 13, 1379	O