

Growth And Development Of Indeterminate Bush And *C. vulgaris* L. Inoculated with Rhizobium

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Some problems and potentials of field beans (<i>Phaseolus vulgaris</i> L.) in Latin America. <i>Field Crops Research</i> , 1978, 1, 295-317.	5.1	29
2	Plant and nodule development and nitrogen fixation in climbing cultivars of <i>Phaseolus vulgaris</i> L. grown in monoculture, or associated with <i>Zea mays</i> L. <i>Journal of Agricultural Science</i> , 1978, 90, 311-317.	1.3	22
3	Nodule development and nitrogen fixation in cultivars of <i>Phaseolus vulgaris</i> L. as influenced by planting density. <i>Journal of Agricultural Science</i> , 1978, 90, 19-29.	1.3	18
4	Influence of temperature on growth and nitrogen fixation in cultivars of <i>Phaseolus vulgaris</i> L., inoculated with <i>Rhizobium</i> . <i>Journal of Agricultural Science</i> , 1979, 93, 365-370.	1.3	24
5	EFFECT OF LOW LEVEL NITROGEN FERTILIZATION ON NODULATION, ACETYLENE REDUCTION AND DRY MATTER IN FABABEANS AND THREE OTHER LEGUMES. <i>Canadian Journal of Plant Science</i> , 1980, 60, 121-130.	0.9	29
6	Efficiency of Symbiotic Nitrogen Fixation in Legumes. <i>Annual Review of Plant Physiology</i> , 1980, 31, 29-49.	10.9	239
7	Some problems of nodulation and symbiotic nitrogen fixation in <i>Phaseolus vulgaris</i> L.: A review. <i>Field Crops Research</i> , 1981, 4, 93-112.	5.1	286
8	Nitrate reductase and nitrogenase activities of common beans (<i>Phaseolus vulgaris</i> L.) from different geographic locations. <i>Plant and Soil</i> , 1981, 63, 427-438.	3.7	6
9	Selection for dinitrogen-fixing ability in <i>Phaseolus vulgaris</i> L. at two low-temperature regimes. <i>Euphytica</i> , 1981, 30, 87-95.	1.2	17
10	Carbon and nitrogen nutrition of nodulated roots of grain legumes. <i>Plant, Cell and Environment</i> , 1981, 4, 5-26.	5.7	115
11	Dinitrogen fixation in pea beans (<i>Phaseolus vulgaris</i>) as affected by growth stage and temperature regime. <i>Canadian Journal of Botany</i> , 1981, 59, 1181-1188.	1.1	7
12	Nitrogen fixation by grain legumes in the U. K. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1982, 296, 387-395.	2.3	15
13	Plant assimilation and nitrogen cycling. <i>Plant and Soil</i> , 1982, 67, 1-13.	3.7	8
14	The effect of <i>Rhizobium</i> inoculation and nitrogen fertiliser on nitrogen fixation and seed yield of dry beans (<i>Phaseolus vulgaris</i>). <i>Annals of Applied Biology</i> , 1983, 103, 419-429.	2.5	15
15	Breeding Common Bean for Improved Quantity and Quality of Seed Protein. , 1983, , 59-102.		29
16	The effect of plant population density on carbohydrate partitioning and nitrogen fixation of two bean (<i>Phaseolus vulgaris</i> L.) cultivars in two tropical locations. <i>Journal of Agricultural Science</i> , 1983, 100, 153-158.	1.3	2
17	Effects of Solar Radiation Regimes on Growth and N ₂ Fixation of Soybean, Cowpea, and Bushbean 1. <i>Agronomy Journal</i> , 1984, 76, 529-535.	1.8	19
18	Improving nitrogen fixation in legumes by plant breeding; the relevance of host selection experiments in red clover (<i>Trifolium pratense</i> L.) and subterranean clover (<i>T. subterraneum</i> L.). <i>Plant and Soil</i> , 1984, 82, 285-301.	3.7	51

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19	Selection for improved nitrogen fixation in <i>Glycine max</i> (L.) Merr. and <i>Phaseolus vulgaris</i> L.. <i>Plant and Soil</i> , 1984, 82, 315-327.	3.7	48
20	Genetics of nitrogen metabolism and physiological/biochemical selection for increased grain crop productivity. <i>Theoretical and Applied Genetics</i> , 1984, 67, 97-111.	3.6	64
21	F1 hybrid weakness in the common bean. <i>Journal of Heredity</i> , 1985, 76, 447-450.	2.4	185
22	TEMPERATURE-SENSITIVE NODULATION AND N ₂ FIXATION OF <i>Rhizobium leguminosarum</i> BIOVAR <i>Phaseoli</i> STRAINS. <i>Canadian Journal of Soil Science</i> , 1986, 66, 217-224.	1.2	3
23	Inheritance of N ₂ fixation efficiency in cowpea. <i>Euphytica</i> , 1986, 35, 551-560.	1.2	16
24	Response of <i>Phaseolus vulgaris</i> to inoculation with <i>Rhizobium phaseoli</i> under two tillage systems in the dominican republic. <i>Plant and Soil</i> , 1986, 95, 77-85.	3.7	19
25	The physiology of nitrogen fixation in tropical grain legumes. <i>Critical Reviews in Plant Sciences</i> , 1987, 6, 267-321.	5.7	45
26	Nitrogen fixation in soybean as influenced by cultivar and <i>Rhizobium</i> strain. <i>Plant and Soil</i> , 1987, 99, 163-174.	3.7	34
27	Identification and characterization of common bean (<i>Phaseolus vulgaris</i> L.) lines well nodulated in the presence of high nitrate. <i>Plant and Soil</i> , 1989, 119, 237-244.	3.7	43
28	Indirect measures of N ₂ fixation in common bean (<i>Phaseolus vulgaris</i> L.) under field conditions: The role of lateral root nodules. <i>Plant and Soil</i> , 1989, 113, 181-187.	3.7	58
29	Legume Genetics and Breeding for Stress Tolerance and Nutrient Efficiency. , 1990, , 211-252.		15
30	Nitrogen Fixation by Legumes in Tropical and Subtropical Agriculture. <i>Advances in Agronomy</i> , 1990, , 155-223.	5.2	194
31	Intrapopulation Recombination for ¹⁵ N-Determined Dinitrogen Fixation Ability in Common Bean. <i>Plant Breeding</i> , 1991, 106, 215-225.	1.9	26
32	Growth and nutrient allocation in <i>Phaseolus vulgaris</i> L. colonized with endomycorrhizae or <i>Rhizobium</i> . <i>Plant and Soil</i> , 1991, 132, 127-137.	3.7	18
33	Distribution of nitrogen in common bean (<i>Phaseolus vulgaris</i> L.) genotypes selected for differences in nitrogen fixation ability. <i>Plant and Soil</i> , 1991, 138, 303-311.	3.7	22
34	The decline in N ₂ fixation rate in common bean with the onset of pod-filling: Fact or artifact. <i>Plant and Soil</i> , 1992, 147, 95-105.	3.7	28
35	Breeding common bean for improved biological nitrogen fixation. <i>Plant and Soil</i> , 1993, 152, 71-79.	3.7	143
36	A field evaluation using the ¹⁵ N isotope dilution method of lines of <i>Phaseolus vulgaris</i> L. bred for increased nitrogen fixation. <i>Plant and Soil</i> , 1993, 152, 107-114.	3.7	33

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37	Effect of seed size and plant growth on nodulation and nodule development in lima bean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.7	17
38	Sustainable agriculture in the semi-arid tropics through biological nitrogen fixation in grain legumes. <i>Plant and Soil</i> , 1995, 174, 29-49.	3.7	135
39	Enhancing crop legume N ₂ fixation through selection and breeding. <i>Plant and Soil</i> , 1995, 174, 51-82.	3.7	72
41	Sustainable agriculture in the semi-arid tropics through biological nitrogen fixation in grain legumes. , 1995, , 29-49.		6
42	¹⁵ N-determined dinitrogen fixation capacity of common bean (<i>Phaseolus vulgaris</i>) cultivars under water stress. <i>Journal of Agricultural Science</i> , 1996, 126, 327-333.	1.3	42
43	Response to selection for seed yield and nitrogen (N ₂) fixation in common bean (<i>Phaseolus vulgaris</i>) Tj ETQq1 1 0.784314 rgBT /Over	5.1	37
44	Addressing edaphic constraints to bean production: the Bean/Cowpea CRSP project in perspective. <i>Field Crops Research</i> , 2003, 82, 179-192.	5.1	62
45	Breeding for Better Nitrogen Fixation in Grain Legumes: Where do the Rhizobia Fit In?. <i>Crop Management</i> , 2004, 3, 1-6.	0.3	29
46	Breeding Legumes for Improved Nitrogen Fixation. , 2004, , 719-748.		1
47	Identification and Confirmation of Quantitative Trait Loci for Root Rot Resistance in Snap Bean. <i>Crop Science</i> , 2008, 48, 962-972.	1.8	24
48	Response of Determinate and Indeterminate Common Bean Genotypes to <i>Rhizobium</i> Inoculant in a Short Season Rainfed Production System in the Canadian Prairie. <i>Journal of Plant Nutrition</i> , 2009, 32, 44-57.	1.9	8
50	Identifying quantitative trait loci for symbiotic nitrogen fixation capacity and related traits in common bean. <i>Molecular Breeding</i> , 2013, 31, 163-180.	2.1	51
51	<i>Ex Ante</i> Appraisal of Agricultural Research and Extension. <i>Outlook on Agriculture</i> , 2015, 44, 61-67.	3.4	10
52	Genome-wide association analysis of symbiotic nitrogen fixation in common bean. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1999-2017.	3.6	91
53	Abiotic Stress Responses in Legumes: Strategies Used to Cope with Environmental Challenges. <i>Critical Reviews in Plant Sciences</i> , 2015, 34, 237-280.	5.7	212
54	Response of determinate and indeterminate soybean cultivars to basal and topdressing N fertilization compared to sole inoculation with <i>Bradyrhizobium</i> . <i>Field Crops Research</i> , 2016, 195, 21-27.	5.1	67
55	Profitability of diammonium phosphate use in bush and climbing bean-maize rotations in smallholder farms of Central Burundi. <i>Field Crops Research</i> , 2017, 212, 52-60.	5.1	9
56	Genotypic differences in symbiotic nitrogen fixation ability and seed yield of climbing bean. <i>Plant and Soil</i> , 2018, 428, 223-239.	3.7	27

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58	Identification of quantitative trait loci for symbiotic nitrogen fixation in common bean. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1375-1387.	3.6	39
59	Genetic Interaction Studies Reveal Superior Performance of <i>Rhizobium tropici</i> CIAT899 on a Range of Diverse East African Common Bean (<i>Phaseolus vulgaris</i> L.) Genotypes. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	29
60	Plant microbiota modified by plant domestication. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126106.	2.8	47
61	Climbing bean breeding for disease resistance and grain quality traits. , 2022, 4, e122.		4
62	Selecting and breeding grain legumes for enhanced nitrogen fixation. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1988, , 1001-1012.	0.0	13
63	Transfer of Quantitative Traits in Wide Crosses Involving the Common Bean (<i>Phaseolus vulgaris</i>). <i>Current Plant Science and Biotechnology in Agriculture</i> , 1988, , 543-560.	0.0	4
64	Selection for improved nitrogen fixation in <i>Glycine max</i> (L.) Merr. and <i>Phaseolus vulgaris</i> L., 1984, , 43-55.		2
65	Sustainable agriculture in the semi-arid tropics through biological nitrogen fixation in grain legumes. , 1995, , 29-49.		24
66	Enhancing crop legume N ₂ fixation through selection and breeding. , 1995, , 51-82.		10
67	Breeding to Improve Yield. <i>Developments in Plant Breeding</i> , 1999, , 185-222.	0.2	10
68	Mechanisms Improving Nutrient Use by Crop and Herbage Legumes. , 1990, , 253-311.		27
69	Nodule infection by bean yellow mosaic virus in <i>Phaseolus vulgaris</i> . <i>Applied and Environmental Microbiology</i> , 1978, 36, 814-818.	3.1	11
70	<i>Bradyrhizobium japonicum</i> Inoculant Mobility, Nodule Occupancy, and Acetylene Reduction in the Soybean Root System. <i>Applied and Environmental Microbiology</i> , 1989, 55, 2493-2498.	3.1	78
71	Contribuciones del Programa de Investigaciones en Frijol en Centro Am�rica y El Caribe. <i>Ceiba</i> , 2013, 52, 65-73.	0.2	6
72	Faccionamiento de nitr�geno en frijol (<i>Phaseolus vulgaris</i> L.) en el valle de San Juan.. <i>Agronomy Mesoamerican</i> , 2006, 11, 151.	0.2	0
74	PLANT�MICROBIAL INTERACTIONS. , 1981, , 67-78.		0
75	Plant assimilation and nitrogen cycling. , 1982, , 1-13.		1

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76	Improving nitrogen fixation in legumes by plant breeding; the relevance of host selection experiments in red clover (<i>Trifolium pratense</i> L.) and subterranean clover (<i>T. subterraneum</i> L.), 1984, , 13-29.		0
77	Nitrogen fixation in soybean as influenced by cultivar and <i>Rhizobium</i> strain. , 1987, , 511-522.		6
78	Breeding common bean for improved biological nitrogen fixation. , 1993, , 71-79.		20
79	A field evaluation using the ¹⁵ N isotope dilution method of lines of <i>Phaseolus vulgaris</i> L. bred for increased nitrogen fixation. , 1993, , 107-114.		9
80	Enhancing crop legume N ₂ fixation through selection and breeding. , 1995, , 51-82.		5
81	Symbiotic performance of some modified <i>Rhizobium etli</i> strains in assays with <i>Phaseolus vulgaris</i> beans that have a high capacity to fix N ₂ . , 1998, , 89-94.		6
84	Proteomic analysis of common bean (<i>Phaseolus vulgaris</i> L.) leaves showed a more stable metabolism in a variety responsive to biological nitrogen fixation. <i>Symbiosis</i> , 2023, 90, 71-80.	2.3	0