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Seed and seedling vigour in relation to crop growth and yield

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109	Uniformity, Performance and Seed Quality of Soybean (<i>Glycine max</i> (L.) Merrill) Seed Crops Grown from Sub-samples of One Seed Lot Obtained after Selection for Physical Seed Attributes. 2000 , 184, 81-88		3
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107	Defining Seed Quality by Seed Maturity and Crop Performance. 2001 , 3, 49-71		3
106	Seed Vigour In Relation To Heat Sensitivity And Heat Resistance In Barley Evaluated By Multivariate Data Analysis. 2002 , 108, 286-293		3
105	Onion seed vigor in relation to plant growth and yield. 2003 , 21, 220-226		20
104	EFFECT OF ON-FARM SEED PRIMING ON EMERGENCE, GROWTH AND YIELD OF COTTON AND MAIZE IN A SEMI-ARID AREA OF ZIMBABWE. 2004 , 40, 23-36		21
103	Comparison of quantitative trait loci controlling seedling characteristics at two seedling stages using rice recombinant inbred lines. 2004 , 109, 640-7		44
102	Control of superoxide production in mitochondria from maize mesocotyls. 2004 , 570, 52-6		19
101	The variation in seed weight within and among cultivars of slender creeping red fescue (<i>Festuca rubra</i> ssp. <i>litoralis</i>), perennial ryegrass (<i>Lolium perenne</i>) and Kentucky bluegrass (<i>Poa pratensis</i>) and its importance for the composition of seed mixtures. 2004 , 32, 135-147		1
100	Vigor de sementes de rabanete e desempenho de plantas em campo. 2006 , 28, 44-51		14
99	Controlled deterioration and accelerated ageing tests to predict seedling emergence of watermelon under stressful conditions and seed longevity. 2007 , 35, 445-459		4
98	Length of the lag period of germination and metabolic repair explain vigour differences in seed lots of maize (<i>Zea mays</i>). 2007 , 35, 200-212		41
97	Genetic dissection of seedling and early vigor in a recombinant inbred line population of rice. 2007 , 172, 212-220		42
96	Barley seed vigour and mechanical weed control. 2008 , 40, 219-230		31
95	Mean germination time of pepper seed lots (<i>Capsicum annuum</i> L.) predicts size and uniformity of seedlings in germination tests and transplant modules. 2008 , 36, 21-30		38

94	Estabelecimento de plântulas e desempenho de plantas em resposta ao vigor dos aquênios de girassol. 2009 , 39, 1997-2003		4
93	Reduced height (Rht) and photoperiod insensitivity (Ppd) allele associations with establishment and early growth of wheat in contrasting production systems. 2009 , 166, 249-267		53
92	Positive effect of smoke-derived butenolide priming on melon seedling emergence and growth. 2010 , 38, 147-155		10
91	Proteome analysis of maize seeds: the effect of artificial ageing. 2011 , 143, 126-38		51
90	Evaluation of seed quality: from physiology to international standardization. 2012 , 22, S69-S73		43
89	Exploring the natural variation for seedling traits and their link with seed dimensions in tomato. 2012 , 7, e43991		38
88	Effect of laser light treatment on some biochemical and physiological processes in seeds and seedlings of white lupine and faba bean. <i>Plant Growth Regulation</i> , 2012 , 67, 227-233	3.2	33
87	Effect of smoke-derived butenolide priming treatment on pepper and salvia seeds in relation to transplant quality and catalase activity. 2012 , 78, 83-87		18
86	Water Deficit during the Reproductive Period of Grass Pea (<i>Lathyrus sativus</i> L.) Reduced Grain Yield but Maintained Seed Size. 2012 , 198, 430-441		34
85	Plant stand, nodulation and seed yield in soybean as affected by phosphate fertilizer placement, source and application method. 2013 , 51, 25-33		10
84	Soybean Seed Aging and Environmental Factors on Seedling Growth. 2013 , 44, 1786-1799		7
83	A simple and versatile 2-dimensional platform to study plant germination and growth under controlled humidity. 2014 , 9, e96730		4
82	Identification and fine mapping of quantitative trait loci for seed vigor in germination and seedling establishment in rice. 2014 , 56, 749-59		53
81	Promoting effects of a single <i>Rhodopseudomonas palustris</i> inoculant on plant growth by <i>Brassica rapa chinensis</i> under low fertilizer input. 2014 , 29, 303-13		41
80	Quantitative Trait Locus Analysis of Seed Germination and Seedling Vigor in <i>Brassica rapa</i> Reveals QTL Hotspots and Epistatic Interactions. <i>Frontiers in Plant Science</i> , 2015 , 6, 1032	6.2	19
79	Physiological and proteomic analyses on artificially aged <i>Brassica napus</i> seed. <i>Frontiers in Plant Science</i> , 2015 , 6, 112	6.2	45
78	The importance of safeguarding genome integrity in germination and seed longevity. 2015 , 66, 3549-58		80
77	Use of a single radicle emergence count as a vigour test in prediction of seedling emergence potential of leek seed lots. 2015 , 43, 308-312		2

76	Efficient rates of nitrogenous fertiliser for irrigated sweet sorghum cultivation during the post-rainy season in the semi-arid tropics. 2015 , 71, 63-72		7
75	Quantitative Proteomic Analysis of Wheat Seeds during Artificial Ageing and Priming Using the Isobaric Tandem Mass Tag Labeling. 2016 , 11, e0162851		31
74	Disruption of Germination and Seedling Development in Brassica napus by Mutations Causing Severe Seed Hormonal Imbalance. <i>Frontiers in Plant Science</i> , 2016 , 7, 322	6.2	14
73	Plant size affects mutualistic and antagonistic interactions and reproductive success across 21 Brassicaceae species. 2016 , 7, e01529		15
72	Impact of RF electromagnetic field on cucumber and tomato plants. 2016 ,		
71	Seedling performance covaries with dormancy thresholds: maintaining cryptic seed heteromorphism in a fire-prone system. 2016 , 97, 3009-3018		6
70	Seed vigour and crop establishment: extending performance beyond adaptation. 2016 , 67, 567-91		286
69	Variation in seed nutrient content, seedling growth and yield of rice varieties grown in a paddy field without application of fertilisers for forty years. 2017 , 68, 337		5
68	Chilling temperature remodels phospholipidome of Zea mays seeds during imbibition. 2017 , 7, 8886		16
67	Effects of elevated CO ₂ concentration on bulbil germination and early seedling growth in Chinese yam under different air temperatures. 2017 , 20, 313-322		7
66	Spectral characteristics of cotton seeds treated by a dielectric barrier discharge plasma. 2017 , 7, 5601		31
65	Genotypic Variation for Water-Deficit Tolerance in Cotton (<i>Gossypiumhirsutum</i> L.) Germination in Southern Iran. 2017 , 48, 1343-1358		
64	In-depth proteomic analysis of Glycine max seeds during controlled deterioration treatment reveals a shift in seed metabolism. 2017 , 169, 125-135		43
63	Detection of QTLs for seedling characteristics in barley (<i>Hordeum vulgare</i> L.) grown under hydroponic culture condition. 2017 , 18, 94		7
62	Rapid evaluation of seed vigor by the absolute content of protein in seed within the same crop. 2018 , 8, 5569		33
61	Quantitative trait locus analysis of seed germination, seedling vigour and seedling-regulated hormones in Brassica napus. 2018 , 137, 388-401		5
60	Gene expression patterns regulating the seed metabolism in relation to deterioration/ageing of primed mung bean (<i>Vigna radiata</i> L.) seeds. 2018 , 124, 40-49		11
59	Drought stress has transgenerational effects on seeds and seedlings in winter oilseed rape (<i>Brassica napus</i> L.). 2018 , 18, 297		48

58	The relationships between fatty acids and heterotrophic seedling growth in winter canola cultivars during accelerated seed aging process. 2018 , 119, 353-361		8
57	Effect of maturity stages on seed quality of two tomato accessions. 2018 , 26, 237		3
56	Interactions of <i>Burkholderia glumae</i> and <i>B. gladioli</i> in symptom development in rice seeds and seedlings. 2018 , 40, 347-357		5
55	Hydro-Priming Methods for Initiation of Metabolic Process and Synchronization of Germination in Mung Bean (<i>Vigna Radiata</i> L.) Seeds. 2018 , 21, 137-146		5
54	Hidden Effects of Seed Quality Breeding on Germination in Oilseed Rape (L.). <i>Frontiers in Plant Science</i> , 2018 , 9, 419	6.2	12
53	A Rapid-Test for Screening Biochar Effects on Seed Germination. 2018 , 49, 2025-2041		8
52	Identification of Early Vigor QTLs and QTL by Environment Interactions in Wheat (<i>Triticum aestivum</i> L.). 2018 , 36, 399-405		3
51	Integrating GWAS, QTL, mapping and RNA-seq to identify candidate genes for seed vigor in rice (<i>Oryza sativa</i> L.). 2019 , 39, 1		24
50	Drought-Tolerant Barley: II. Root Tip characteristics in Emerging Roots. 2019 , 9, 220		8
49	The interaction between genotype and maternal nutritional environments affects tomato seed and seedling quality. 2019 , 70, 2905-2918		9
48	Prevalence and variation of viviparous germination with respect to fruit maturation in the bottle gourd (<i>Molina</i>) Standley (<i>Cucurbitaceae</i>). 2019 , 5, e02584		2
47	Genome-Wide Association Study Reveals the Genetic Architecture of Seed Vigor in Oats. 2020 , 10, 4489-4503		1
46	Modern Seed Technology: Seed Coating Delivery Systems for Enhancing Seed and Crop Performance. 2020 , 10, 526		37
45	Improving Dual-Purpose Winter Wheat in the Southern Great Plains of the United States. 2020 ,		1
44	Morphological and physiological factors contributing to early vigor in the elite rice cultivar 9,311. 2020 , 10, 14813		4
43	Simulation of cotyledon-soil dynamics using the discrete element method (DEM). 2020 , 174, 105505		2
42	A multiscale approach reveals regulatory players of water stress responses in seeds during germination. 2020 , 43, 1300-1313		3
41	A Correlative Study of Sunflower Seed Vigor Components as Related to Genetic Background. 2020 , 9,		5

40	Loci harboring genes with important role in drought and related abiotic stress responses in flax revealed by multiple GWAS models. 2021 , 134, 191-212	13
39	Agronomic performance and phenolic profile of Triticordeum (x Triticordeum martinii A. Pujadas) lines. 2021 , 98, 382-391	3
38	Seedling length and soybean seed vigor. 2021 , 51,	1
37	The role of certification, risk and time preferences in promoting adoption of climate-resilient citrus varieties in Indonesia. 2021 , 164, 1	1
36	Relationship of size and shape rice seed to early seedling vigor traits. 2021 , 694, 012039	2
35	Transcriptome analysis reveals genes expression pattern of seed response to heat stress in Brassica napus L.. 2021 , 6, 87-96	5
34	Plant DNA methylation is sensitive to parent seed N content and influences the growth of rice. 2021 , 21, 211	4
33	FLUCTUATIONS IN MELATONIN CONTENT AND ITS EFFECTS ON THE AGEING PROCESS OF LETTUCE SEEDS DURING STORAGE. 2021 , 20, 77-88	0
32	QTL Mapping and Phenotypic Variation for Seedling Vigour Traits in Barley (L). 2021 , 10,	1
31	The regulatory network behind maize seed germination: Effects of temperature, water, phytohormones, and nutrients. 2021 , 9, 718-724	8
30	Desempenho de sementes de algodão tratadas quimicamente e armazenadas. 2002 , 24, 212-219	3
29	Influência de sistemas de culturas, mucuna preta e adubação mineral sobre a qualidade fisiológica de sementes de milho. 2006 , 28, 6-12	1
28	Potencial fisiológico de sementes de mogango e desempenho das plantas no campo. 2008 , 30, 123-129	5
27	Potencial fisiológico de sementes armazenadas e desempenho de plantas de ervilha. 2012 , 34, 665-677	2
26	Condicionalmento fisiológico de sementes de couve-flor e desempenho das plantas em campo. 2008 , 26, 165-169	9
25	The Use of Physical Factors for Seed Quality Improvement of Horticultural Plants. 2018 , 26, 81-94	7
24	Influence of Different Seed Size Fractions on Seed Germination, Seedling Emergence and Seed Yield Characters in Tropical Soybean (Glycine max L. Merrill). 2012 , 8, 26-33	10
23	Variabilidade genética para características agronômicas superiores em cruzamentos biparentais de aveia preta. 2010 , 69, 823-832	1

22	A Short Growing Season Negatively Affects Progeny Vigor in Jointed Goatgrass (&i&t;Aegilops cylindrica&t;/i&t;). 2015 , 06, 315-324		
21	The interaction between genotype and maternal nutritional environments affects tomato seed and seedling quality.		
20	Farklı yetiştirme ortamlardan elde edilen fidelerin tohum gelişimi ve besin elementi içeriklerine etkisi. 79-84		
19	Improving vegetable production under semi-arid, saline conditions in south-western Madagascar. 2020 , 56, 915-928		
18	Non-thermal atmospheric pressure plasma: An alternative method to enhance the seed quality in long bean-KPN (<i>Vigna unguiculate</i> L.) seeds. 2021 ,		
17	Canopy Management. 2022 , 186-262		
16	Local-adapted and high-yield varieties for sustainable Robusta coffee farming: Evidence from South Sumatera, Indonesia. 2022 , 974, 012130		
15	Effect of temperature on the microwave drying process and the viability of amaranth seeds. 2022 , 215, 49-66		1
14	A Genome Wide Association Study Revealed Key Single Nucleotide Polymorphisms/Genes Associated With Seed Germination in L.. <i>Frontiers in Plant Science</i> , 2022 , 13, 844946	6.2	o
13	Industrial Hemp (<i>Cannabis sativa</i> L.) Varieties and Seed Pre-Treatments Affect Seed Germination and Early Growth of Seedlings. 2022 , 12, 6		1
12	An understanding of the role of seed physiology for better crop productivity and food security. <i>Plant Growth Regulation</i> , 2022 , 97, 171	3.2	
11	Image_1.TIF. 2018 ,		
10	Table_1.xlsx. 2018 ,		
9	Table_2.xlsx. 2018 ,		
8	Drought-protective effects of nutrient seed treatments during early growth of oilseed rape. <i>Journal of Plant Nutrition</i> , 1-19	2.3	o
7	Exploring the Applicability of Calorespirometry to Assess Seed Metabolic Stability Upon Temperature Stress Conditions- L. Used as a Case Study.. <i>Frontiers in Plant Science</i> , 2022 , 13, 827117	6.2	o
6	Genome-Wide Association Studies Provide Insights Into the Genetic Architecture of Seed Germination Traits in Maize. <i>Frontiers in Plant Science</i> , 13,	6.2	
5	Physiology of Crop Yield Under Heat Stress. 2022 , 45-79		o

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- 3 Understanding the Technical-Scientific Gaps of Underutilized Tropical Species: The Case of *Bactris gasipaes* Kunth. **2023**, 12, 337 ○
- 2 Root-exuded secondary metabolites can alleviate negative plant-soil feedbacks. ○
- 1 Relationship between seed traits and seedling parameters in rice wild species. ○