



السنة الدولية لصحة النبات 2020

قائمة بحوث آفات الساق في القمح

آفات القمح

قائمة الأوراق البحثية العربية المنشورة منذ عام 2015 مرتبة حسب عدد الاقتباسات حول ما يلي: دبور ساق القمح (Cephus cinctus)، ذبابة تدرن ساق الشعير (Mayetiola hordei)، ذبابة هس أو هسيان (Mayetiola destructor)، ومرض صدأ ساق القمح (Puccinia graminis).

المصدر: Scopus

نوع الأوراق: Article & Review

1. [A massive expansion of effector genes underlies gall-formation in the wheat pest mayetiola destructor](#)
Zhao, C., Escalante, L.N., Chen, H., Benatti, T.R., Qu, J., Chellapilla, S., Waterhouse, R.M., Wheeler, D., Andersson, M.N., Bao, R., Batterton, M., Behura, S.K., Blankenburg, K.P., Caragea...etc
(2015)Current Biology, 25(5), pp. 613-620.
2. [Emergence of virulence to SrTmp in the Ug99 race group of wheat stem rust, Puccinia graminis f. Sp. tritici, in Africa](#)
Patpour, M., Hovmøller, M.S., Justesen, A.F., Newcomb, M., Olivera, P., Jin, Y., Szabo, L.J., Hodson, D., Shahin, A.A., Wanyera, R., Habarurema, I., Wobibi, S.
(2016)Plant Disease, 100 (2), p. 522.
3. [Recent trends and perspectives of molecular markers against fungal diseases in wheat](#)
Goutam, U., Kukreja, S., Yadav, R., Salaria, N., Thakur, K., Goyal, A.K.
(2015) Frontiers in Microbiology, 6 (AUG), art. no.861.



4. [First report of the Ug99 race group of wheat stem rust, puccinia graminis f. Sp. tritici, in Egypt in 2014](#)
Patpour, M., Hovmøller, M.S., Shahin, A.A., Newcomb, M., Olivera, P., Jin, Y., Luster, D., Hodson, D., Nazari, K., Azab, M.
(2016) Plant Disease, 100 (4), p. 863.
5. [Anatomical, biochemical and physiological changes in some Egyptian wheat cultivars inoculated with Puccinia graminis f.Sp. Tritici](#)
Khaled, A.A.A., Reda, O.I., Yaser, H.M., Esmail, S.M., El Sabagh, A.
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6. [Genome-wide association study for identification and validation of novel snp markers for Sr6 stem rust resistance gene in bread wheat](#)
Mourad, A.M.I., Sallam, A., Belamkar, V., Wegulo, S., Bowden, R., Jin, Y., Mahdy, E., Bakheit, B., El-Wafaa, A.A., Poland, J., Baenziger, P.S.
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7. [Field evaluation of durum wheat landraces for prevailing abiotic and biotic stresses in highland rainfed regions of Iran](#)
Mohammadi, R., Sadeghzadeh, B., Ahmadi, H., Bahrami, N., Amri, A.
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8. [Biocontrol of stem rust disease of wheat using arbuscular mycorrhizal fungi and Trichoderma spp.](#)
El-Sharkawy, H.H.A., Rashad, Y.M., Ibrahim, S.A.
(2018) Physiological and Molecular Plant Pathology, 103, pp. 84-91.



9. [A comparative analysis of nonhost resistance across the two Triticeae crop species wheat and barley](#)
Delventhal, R., Rajaraman, J., Stefanato, F.L., Rehman, S., Aghnoum, R., McGrann, G.R.D., Bolger, M., Usadel, B., Hedley, P.E., Boyd, L., Niks, R.E., Schweizer, P., Schaffrath, U.
(2017) BMC Plant Biology, 17 (1), art. no. 232, .

10. [Effectiveness of genes for Hessian fly \(Diptera: Cecidomyiidae\) resistance in the southeastern United States](#)
Shukle, R.H., Cambron, S.E., Moniem, H.A., Schemerhorn, B.J., Redding, J., Buntin, G.D., Flanders, K.L., Reisig, D.D., Mohammadi, M.
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11. [Resistance to wheat curl mite in arthropod-resistant rye-wheat translocation lines](#)
Aguirre-Rojas, L.M., Khalaf, L.K., Garcés-Carrera, S., Sinha, D.K., Chuang, W.-P., Michael Smith, C.
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12. [Genetic identification of loci for Hessian fly resistance in durum wheat](#)
Bassi, F.M., Brahmi, H., Sabraoui, A., Amri, A., Nsarellah, N., Nachit, M.M., Al-Abdallat, A., Chen, M.S., Lazraq, A., El Bouhssini, M.
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13. [Transcriptomic analyses of secreted proteins from the salivary glands of wheat midge larvae](#)
Al-Jbory, Z., Anderson, K.M., Harris, M.O., Mittapalli, O., Whitworth, R.J., Chen, M.-S.
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14. [Genome-wide association study for multiple biotic stress resistance in synthetic hexaploid wheat](#)
Bhatta, M., Morgounov, A., Belamkar, V., Wegulo, S.N., Dababat, A.A., Erginbas-Orakci, G., Bouhssini, M.E., Gautam, P., Poland, J., Akci, N., Demir, L., Wanyera, R., Baenziger, P.S.
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15. [Massive shift in gene expression during transitions between developmental stages of the gall midge, Mayetiola Destructor](#)
Chen, M.-S., Liu, S., Wang, H., Cheng, X., El Bouhssini, M., Whitworth, R.J.
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16. [Differential expression of candidate salivary effector proteins in field collections of Hessian fly, Mayetiola destructor](#)
Johnson, A.J., Shukle, R.H., Chen, M.-S., Srivastava, S., Subramanyam, S., Schemerhorn, B.J., Weintraub, P.G., Abdel Moniem, H.E.M., Flanders, K.L., Buntin, G.D., Williams, C.E.
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Chen, M.-S., Liu, S., Wang, H., Cheng, X., El Bouhssini, M., Whitworth, R.J.
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18. [Elgin-ND spring wheat: A newly adapted cultivar to the north-central plains of the united states with high agronomic and quality performance](#)
Mergoum, M., Simsek, S., Zhong, S., Acevedo, M., Friesen, T.L., Alamri, M.S., Xu, S., Liu, Z.
(2016) Journal of Plant Registrations, 10 (2), pp. 130-134.



19. [Enzymatic activity in the resistance stress of winter wheat from different sources in the non-black land of the Center of Russian Federation](#)
Temirbekova, S.K., Ovsyankina, A.V., Ionova, N.E., Cheremisova, T.D., Afanasyeva, Y.V., Mitrofanova, O.P., Al-Azawi Nagham, M.H.
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20. [Development of SNP assays for hessian fly response genes, Hfr-1 and Hfr-2, for marker-assisted selection in wheat breeding](#)
Tan, M.-K., El-Bouhssini, M., Wildman, O., Tadesse, W., Chambers, G., Luo, S., Emebiri, L.
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21. [Conserved and unique putative effectors expressed in the salivary glands of three related gall midge species](#)
Al-Jbory, Z., El-Bouhssini, M., Chen, M.-S.
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22. [A Novel, Economical Way to Assess Virulence in Field Populations of Hessian Fly \(Diptera: Cecidomyiidae\) Utilizing Wheat Resistance Gene H13 as a Model](#)
Johnson, A.J., Abdel Moniem, H.E.M., Flanders, K.L., Buntin, G.D., Reay-Jones, F.P.F., Reisig, D., Stuart, J.J., Subramanyam, S., Shukle, R.H., Schemerhorn, B.J.
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23. [An overview of irritans-mariner transposons in two Mayetiola species \(Diptera: Cecidomyiidae\)](#)
Ben Amara, W., Djebbi, S., Bouktila, D., Makni, M., Makni, H., Mezghani-Khemakhem, M.
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24. [Surveying hessian fly, mayetiola destructor \(Say\) \(Diptera: Cecidomyiidae\), in North Tunisia reveals changes in insect virulence and cultivar responses](#)
Habachi-Houimli, Y., Bouktila, D., Sébéi, A., Makni, H., Makni, M.
(2015) African Entomology, 23 (2), pp. 494-501.

25. [A case study of non-traditional treatments for the control of wheat stem rust disease](#)
Omara, R.I., Essa, T.A., Khalil, A.A., Elsharkawy, M.M.
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26. [Identification of two novel Hessian fly resistance genes H35 and H36 in a hard winter wheat line SD06165](#)
Zhao, L., Abdelsalam, N.R., Xu, Y., Chen, M.-S., Feng, Y., Kong, L., Bai, G.
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Mokhtar, N.B., Maurady, A., Britel, M.R., El Bouhssini, M., Batargias, C., Stathopoulou, P., Asimakis, E., Tsiamis, G.
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Singh, N., Steeves, R., Chen, M.-S., Bouhssini, M.E., Pumphrey, M., Poland, J.
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Bukhari, S.A., Mustafa, G., Bashir, S., Akram, N.A., Rahman, M.-U., Sadia, B., Alyemeni, M.N., Ahmad, P.
(2020) 3 Biotech, 10 (5), art. no. 197, .

30. [Molecular marker dissection of stem rust resistance in Nebraska bread wheat germplasm](#)
Mourad, A.M.I., Sallam, A., Belamkar, V., Wegulo, S., Bai, G., Mahdy, E., Bakheit, B., Abo El-Wafa, A., Jin, Y., Baenziger, P.S.
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31. [Resistance to insect pests in wheat—rye and *Aegilops speltoides* Tausch translocation and substitution lines](#)
Crespo-Herrera, L.A., Singh, R.P., Sabraoui, A., El-Bouhssini, M.
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32. [Distribution, population dynamics and damage potential of barley stem gall midge, *Mayetiola hordei* \(Diptera: Cecidomyiidae\) on cultivated barley in two semi-arid areas of North Tunisia](#)
Cherif, A., Mediouni Ben Jemâa, J.
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33. [Association of KASP markers with Hessian fly resistance in wheat of diverse origin](#)
Collins, D., Emebiri, L., Tan, M.-K., El Bouhssini, M., Wildman, O.
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34. [Molecular characterization and phylogenetic comparisons of three Mayetiola species \(Diptera: Cecidomyiidae\) infesting cereals in Tunisia](#)
Cherif, A., Kinoshita, N., Taylor, D.M., Mediouni Ben Jemâa, J.
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35. [Ascertaining of Ug99-race specific genes in wheat genotypes assigned to stem rust resistance based on phenotypic and genotypic reaction](#)
Draz, I.S.
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