



Erratum

Erratum to “Improvement of growth and yield of soybean plants through the application of non-thermal plasmas to seeds with different health status” [Heliyon Volume 5, Issue 4, April 2019, e01495]



María C. Pérez-Pizá^a, Leandro Prevosto^b, Pablo E. Grijalba^c, Carla G. Zilli^a, Ezequiel Cejas^b, Beatriz Mancinelli^b, Karina B. Balestrasse^{a,*}

^a Instituto de Investigaciones en Biociencias Agrícolas y Ambientales (INBA), Facultad de Agronomía, Universidad de Buenos Aires (UBA), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), San Martín 4453, Buenos Aires, Argentina

^b Universidad Tecnológica Nacional, CONICET, Facultad Regional Venado Tuerto, Departamento de Ingeniería Electromecánica, Grupo de Descargas Eléctricas, Laprida 651, Venado Tuerto, Santa Fe, Argentina

^c Universidad de Buenos Aires, Facultad de Agronomía, Cátedra de Fitopatología, Av. San Martín 4453, Buenos Aires, Argentina

In the original published version of this article, some authors were omitted from certain references. The corrected references are shown below. This error was introduced during the typesetting of the article, the publisher apologises for this error. Both the HTML and PDF versions of the article have been updated to correct the error.

of rape seeds by plasma discharge and biological protection: Field experiments. In Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 2017 International Conference on (pp. 1045-1050). IEEE.

- 3 Adamovich, I., Baalrud, S.D., Bogaerts, A., Bruggeman, P.J., Cappelli, M., Colombo, V., Czarnetzki, U., Ebert, U., Eden, J.G., Favia, P., Graves, D.B., Hamaguchi, S., Hieftje, G., Hori, M., Kaganovich, I.D., Kortshagen, U., Kushner, M.J., Mason, Nigel, Mazouffre, S., Thagard, S.M., Metelmann, H.-R., Mizuno, A., Moreau, E., Murphy, A.B., Niemira, B.A., Oehrlein, G.S., Petrovic, Z.L., Pitchford, L.C., Pu, Y.-K., Rauf, S., Sakai, O., Samukawa, S., Starikovskaia, S., Tennyson, J., Terashima, K., Turner, M.M., Van De Sanden, M.C.M., and Vardelle, A. (2017). The 2017 Plasma Roadmap: Low temperature plasma science and technology. *J. Phys. D: Appl. Phys.*, 50(32), 323001.
- 28 Daeschlein, G., Napp, M., von Podewils, S., Lutze, S., Emmert, S., Lange, A., Klare, I., Haase, H., Gümbel, D., von Woedtke, T., Jünger, M. (2014). In vitro susceptibility of multidrug resistant skin and wound pathogens against low temperature atmospheric pressure plasma jet (APPJ) and dielectric barrier discharge plasma (DBD). *Plasma Process. Polym.*, 11(2), 175-183.
- 51 Jiafeng, J., Xin, H., Ling, L. I., Jiangang, L., Hanliang, S., Qilai, X., Renhong, Y., Yuanhua, D. (2014). Effect of cold plasma treatment on seed germination and growth of wheat. *Plasma Sci. Technol.*, 16(1), 54.
- 55 Kriz, P., Olsan, P., Havelka, Z., Bartos, P., Bohata, A., Strejckova, M., Curn, V., Spatenka, P. (2017, May). Enhancement of the yield of rape seeds by plasma discharge and biological protection: Field experiments. In Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 2017 International Conference on (pp. 1045-1050). IEEE.
- 78 Muniz, C. R., Freire, F. C. O., Viana, F. M. P., Cardoso, J. E., Sousa, C. A. F., Guedes, M. I. F., van der Schoor, R., Jalink, H. (2014). Monitoring cashew seedlings during interactions with the fungus Lasiodiplodia theobromae using chlorophyll fluorescence imaging. *Photosynthetica*, 52(4), 529-537.
- 89 Prokopová, J., Špundová, M., Sedlářová, M., Husičková, A., Novotný, R., Doležal, K., Naus, J., Lebeda, A. (2010). Photosynthetic responses of lettuce to downy mildew infection and cytokinin treatment. *Plant Physiol. Biochem.*, 48(8), 716-723.
- 99 Strejckova, M., Bohata, A., Olsan, P., Havelka, Z., Kriz, P., Beran, P., Bartos, P., Curn, V., Spatenka, P. (2018). Enhancement of the Yield of Crops by Plasma and Using of Entomopathogenic and Mycoparasitic Fungi: From Laboratory to Large-Field Experiments. *J. Biomimetics, Biomaterials Tissue Eng.*, 8(6), 829-836.
- 100 Sun, P., Sun, Y., Wu, H., Zhu, W., Lopez, J. L., Liu, W., Zhang, J., Li, R., Fang, J. (2011). Atmospheric pressure cold plasma as an antifungal therapy. *Appl. Phys. Lett.*, 98(2), 021501.
- 109 Wrather, A., Shannon, G., Balardin, R., Carregal, L., Escobar, R., Gupta, G. K., Ma, Z., Morel, W., Ploper, D., Tenuta, A. (2010). Effect of diseases on soybean yield in the top eight producing countries in 2006. *Plant Health Prog.*, 10, 1094.
- 111 Zhang, X., Liu, D., Zhou, R., Song, Y., Sun, Y., Zhang, Q., Niu, J., Fan, H., Yang, S. Z. (2014). Atmospheric cold plasma jet for plant disease treatment. *Appl. Phys. Lett.*, 104(4), 043702.

DOI of original article: <https://doi.org/10.1016/j.heliyon.2019.e01495>.

* Corresponding author.

E-mail address: kbale@agro.uba.ar (K.B. Balestrasse).

<https://doi.org/10.1016/j.heliyon.2019.e03081>

Received 16 December 2019; Accepted 16 December 2019

2405-8440/© 2019 The Author(s). Published by Elsevier Ltd. All rights reserved.