



9 October 2024

(24-6992)

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Committee on Sanitary and Phytosanitary Measures

Original: English

### NOTIFICATION

<b>1. Notifying Member:</b> <u>UGANDA</u> <b>If applicable, name of local government involved:</b>
<b>2. Agency responsible:</b> Uganda National Bureau of Standards
<b>3. Products covered (provide tariff item number(s) as specified in national schedules deposited with the WTO; ICS numbers should be provided in addition, where applicable):</b> Insects, fit for human consumption (HS code(s): 041010); Other standards related to farming and forestry (ICS code(s): 65.020.99)
<b>4. Regions or countries likely to be affected, to the extent relevant or practicable:</b> <input checked="" type="checkbox"/> All trading partners <input type="checkbox"/> Specific regions or countries:
<b>5. Title of the notified document:</b> DUS DARS 1295:2024, Edible insects — Good hygiene practices for insect farming and processing — Code of practice, First edition. <b>Language(s):</b> English. <b>Number of pages:</b> 42 <a href="https://members.wto.org/crnattachments/2024/SPS/UGA/24_06675_00_e.pdf">https://members.wto.org/crnattachments/2024/SPS/UGA/24_06675_00_e.pdf</a>
<b>6. Description of content:</b> This Draft Uganda Standard covers the production of insects destined for human consumption and encompasses all production steps, from the feeding of the insects, their breeding, the killing and other processing steps, storage, transport or retail activities, to the final delivery of the product to consumers. Note: This Draft Uganda Standard was also notified to the TBT Committee.
<b>7. Objective and rationale:</b> <input checked="" type="checkbox"/> food safety, <input type="checkbox"/> animal health, <input checked="" type="checkbox"/> plant protection, <input checked="" type="checkbox"/> protect humans from animal/plant pest or disease, <input type="checkbox"/> protect territory from other damage from pests.
<b>8. Is there a relevant international standard? If so, identify the standard:</b> <input type="checkbox"/> Codex Alimentarius Commission (e.g. title or serial number of Codex standard or related text): <input type="checkbox"/> World Organization for Animal Health (OIE) (e.g. Terrestrial or Aquatic Animal Health Code, chapter number): <input type="checkbox"/> International Plant Protection Convention (e.g. ISPM number): <input checked="" type="checkbox"/> None <b>Does this proposed regulation conform to the relevant international standard?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If no, describe, whenever possible, how and why it deviates from the international standard:</b>

<p><b>9. Other relevant documents and language(s) in which these are available:</b></p> <ol style="list-style-type: none"> <li>1. ARS 53, General principles of food hygiene— Code of practice</li> <li>2. ARS 56, Prepackaged foods — Labelling</li> <li>3. WHO GDWQ, Guidelines for drinking-water quality</li> <li>4. van Huis, A. (2013) Edible Insects: Future Prospects for Food and Feed Security [Internet]. Food and Agriculture Organization of the United Nations (FAO), Rome, Italy</li> <li>5. Francis, F., Doyen, V., Debaugnies, F., Mazzucchelli, G., Caparros, R., Alabi, T. et al. (2019) Limited Cross Reactivity among Arginine Kinase Allergens from Mealworm and Cricket Edible Insects. Food Chemistry, 276, 714–8 <a href="https://doi.org/10.1016/j.foodchem.2018.10.082">https://doi.org/10.1016/j.foodchem.2018.10.082</a></li> <li>6. Murefu, T.R., Macheke, L., Musundire, R. and Manditsera, F.A. (2019) Safety of Wild Harvested and Reared Edible Insects: A Review. Food Control, 101, 209–24 <a href="https://doi.org/10.1016/j.foodcont.2019.03.003">https://doi.org/10.1016/j.foodcont.2019.03.003</a></li> <li>7. Sun-Waterhouse, D., Waterhouse, G.I.N., You, L., Zhang, J., Liu, Y., Ma, L. et al. (2016) Transforming Insect Biomass into Consumer Wellness Foods: A Review. Food Research International, 89, 129–51 <a href="https://doi.org/10.1016/j.foodres.2016.10.001">https://doi.org/10.1016/j.foodres.2016.10.001</a></li> <li>8. Grabowski, N.T. and Klein, G. (2017) Microbiology of Cooked and Dried Edible Mediterranean Field Crickets (<i>Gryllus bimaculatus</i>) and Super Worms (<i>Zophobas atratus</i>) Submitted to Four Different Heating Treatments. Food Science and Technology International, SAGE Publications Ltd STM. 23, 17–23 <a href="https://doi.org/10.1177/1082013216652994">https://doi.org/10.1177/1082013216652994</a></li> <li>9. Rumpold, B.A. and Schlüter, O.K. (2013) Nutritional Composition and Safety Aspects of Edible Insects. Molecular Nutrition &amp; Food Research, 57, 802–23 <a href="https://doi.org/10.1002/mnfr.201200735">https://doi.org/10.1002/mnfr.201200735</a></li> <li>10. Kulma, M., Kouřimská, L., Plachý, V., Božik, M., Adámková, A. and Vrabec, V. (2019) Effect of Sex on the Nutritional Value of House cricket, <i>Acheta domestica</i> L. Food Chemistry, 272, 267–72 <a href="https://doi.org/10.1016/j.foodchem.2018.08.049">https://doi.org/10.1016/j.foodchem.2018.08.049</a></li> <li>11. Ramos-Elorduy, J., Moreno, J.M.P., Prado, E.E., Perez, M.A., Otero, J.L. and De Guevara, O.L. (1997) Nutritional Value of Edible Insects from the State of Oaxaca, Mexico. Journal of Food Composition and Analysis, 10, 142–57 <a href="https://doi.org/10.1006/jfca.1997.0530">https://doi.org/10.1006/jfca.1997.0530</a></li> <li>12. Uganda Gazette (available in English)</li> </ol>
<p><b>10. Proposed date of adoption (dd/mm/yy):</b> To be determined. <b>Proposed date of publication (dd/mm/yy):</b> To be determined.</p>
<p><b>11. Proposed date of entry into force: [ ] Six months from date of publication, and/or (dd/mm/yy):</b> To be determined. <b>[X] Trade facilitating measure</b></p>
<p><b>12. Final date for comments: [X] Sixty days from the date of circulation of the notification and/or (dd/mm/yy):</b> 8 December 2024 <b>Agency or authority designated to handle comments: [ ] National Notification Authority, [ ] National Enquiry Point. Address, fax number and e-mail address (if available) of other body:</b>  Uganda National Bureau of Standards Plot 2-12 ByPass Link, Bweyogerere Industrial and Business Park P.O. Box 6329 Kampala, Uganda Tel: +(256) 4 1733 3250/1/2 Fax: +(256) 4 1428 6123 E-mail: <a href="mailto:info@unbs.go.ug">info@unbs.go.ug</a> Website: <a href="https://www.unbs.go.ug">https://www.unbs.go.ug</a></p>

**13. Text(s) available from: [ ] National Notification Authority, [ ] National Enquiry Point. Address, fax number and e-mail address (if available) of other body:**

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