



NOTIFICATION

1. Notifying Member: <u>UGANDA</u> If applicable, name of local government involved:
2. Agency responsible: Uganda National Bureau of Standards
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): Fertilisers (HS code(s): 31); Agriculture (ICS code(s): 65.080); Biochar
4. Regions or countries likely to be affected, to the extent relevant or practicable: <input checked="" type="checkbox"/> All trading partners <input type="checkbox"/> Specific regions or countries:
5. Title of the notified document: DUS 1862 :2026, Biochar — Specification, First Edition. Language(s): English. Number of pages: 24 https://members.wto.org/crnattachments/2026/SPS/UGA/26_02884_00_e.pdf
6. Description of content: This Working Draft Uganda Standard specifies requirements, sampling and test methods for biochar. The standard applies to biochar produced from biomass through thermochemical conversion processes such as pyrolysis or gasification under limited oxygen conditions. This standard does not apply to charcoal used as fuel or biochar produced from hazardous or contaminated feedstock. Note: This Draft Uganda Standard was also notified to the TBT Committee.
7. Objective and rationale: <input 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 checked="" type="checkbox"/> protect territory from other damage from pests.
8. Is there a relevant international standard? If so, identify the standard: <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 Does this proposed regulation conform to the relevant international standard? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, describe, whenever possible, how and why it deviates from the international standard:

9. Other relevant documents and language(s) in which these are available:

1. AOAC 2006.03, Arsenic, cadmium, cobalt, chromium, lead, molybdenum, nickel, and selenium in fertilizers — Microwave digestion and inductively coupled plasma-optical emission spectrometry
2. ISO 3310, Test sieves — Technical requirements and testing
3. ISO 7409, Fertilizers — Marking — Presentation and declarations
4. ISO 8397, Solid fertilizers and soil conditioners — Test sieving
5. ISO 10390, Soil, treated biowaste and sludge — Determination of pH
6. ISO 10694, Soil quality — Determination of organic and total carbon after dry combustion (elementary analysis)
7. ISO 11047, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods
8. ISO 11260, Soil quality — Determination of effective cation exchange capacity and base saturation level using barium chloride solution
9. ISO 11265, Environmental solid matrices — Determination of the specific electrical conductivity
10. ISO 11277, Soil quality — Determination of particle size distribution in mineral soil material — Method by sieving and sedimentation
11. ISO 11465, Sludge and solid environmental matrices — Determination of dry residue or water content and calculation of the dry matter fraction on a mass basis
12. ISO 12185, Crude petroleum, petroleum products and related products — Determination of density — Laboratory density meter with an oscillating U-tube sensor
13. ISO 14820-1, Fertilizers and liming materials — Sampling and sample preparation Part 1: Sampling
14. ISO 14820-2, Fertilizers and liming materials — Sampling and sample preparation Part 2: Sample preparation
15. ISO 16000-13, Indoor air Part 13: Determination of total (gas and particle-phase) polychlorinated dioxin-like biphenyls (PCBs) and polychlorinated dibenzo-p-dioxins/dibenzofurans (PCDDs/PCDFs) — Collection on sorbent-backed filters
16. ISO 16649-2, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli* Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
17. ISO 17318, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents
18. ISO 17828, Solid biofuels — Determination of bulk density
19. ISO 18122, Solid biofuels — Determination of ash content
20. ISO 18123, Solid biofuels — Determination of volatile matter
21. ISO 18134, Solid biofuels — Determination of moisture content
22. ISO 18287, Soil quality — Determination of polycyclic aromatic hydrocarbons (PAH) — Gas chromatographic method with mass spectrometric detection (GC-MS)
23. ISO 18475, Environmental solid matrices — Determination of polychlorinated biphenyls (PCB) by gas chromatography - mass selective detection (GC-MS) or electron-capture detection (GC-ECD)
24. ISO 21527-2, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds. Part 2: Colony count technique in products with water activity less than or equal to 0.95
25. ISO 23646, Soil quality — Determination of organochlorine pesticides by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)
26. ISO 29541, Coal and coke — Determination of total carbon, hydrogen and nitrogen — Instrumental method
27. US EAS 1167, Organic fertilizer -Specification (1st Edition)
28. US EAS 38, Labelling of pre-packaged foods — General requirements
29. US ISO 4833-1, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique
30. US ISO 6579-1, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of *Salmonella* Part 1: Detection of *Salmonella* spp.
31. ES : 8757/ 2023, SOIL IMPROVERS – BIOCHAR

<p>32. EN 13041, Soil improvers and growing media - Determination of physical properties – Dry bulk density, air volume, water volume, shrinkage value and total pore space</p> <p>33. ASTM D 1762, Standard Test Method for Chemical Analysis of Wood Charcoal</p> <p>34. EPA 8270, Semi volatile organic compounds by gas chromatography/mass spectrometry</p> <p>35. EPA 8290, Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by High-Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS)</p> <p>36. EPA 8082 A, polychlorinated biphenyls (PCBs) by gas chromatography</p> <p>37. EPA A Rapid-Test for Screening Biochar Effects on Seed Germination</p> <p>38. Lehmann, J. & Joseph, S. (2015), Biochar for Environmental Management – Reference ranges for biochar physical properties based on feedstock and pyrolysis conditions</p> <p>39. European Biochar Certificate – Specifies quality requirements and indicative physical properties including bulk density</p> <p>40. International Biochar Initiative – Provides typical ranges and characterization guidance for biochar properties</p> <p>41. World Health Organization – Defines TEQ system used for expressing toxicity of PCDD/Fs</p> <p>42. International Biochar Initiative (IBI):Standardized Product Definition and Product Testing Guidelines for Biochar That Is Used in Soil</p> <p>43. European Biochar Guidelines: Guidelines for sustainable production of biochar (available in English)</p>
<p>10. Proposed date of adoption (dd/mm/yy): To be determined. Proposed date of publication (dd/mm/yy): To be determined.</p>
<p>11. Proposed date of entry into force: [] Six months from date of publication, and/or (dd/mm/yy): To be determined. [X] Trade facilitating measure</p>
<p>12. Final date for comments: [X] Sixty days from the date of circulation of the notification and/or (dd/mm/yy): 2 August 2026</p> <p>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:</p> <p>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: info@unbs.go.ug Website: https://www.unbs.go.ug</p>
<p>13. Text(s) available from: [] National Notification Authority, [] National Enquiry Point. Address, fax number and e-mail address (if available) of other body:</p> <p>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: info@unbs.go.ug Website: https://www.unbs.go.ug</p>