Table 2 Recommended revised microbiological guidelines for treated wastewater use in agriculture [17] ^a					
Category/reuse conditions	Exposed group	Irrigation technique	Intestinal nematodes ^ь (arithmetic mean no. of eggs/L°)	Faecal coliforms (geometric mean no./100 mL°)	
A. Unrestricted irrigation For vegetable and salad crops eaten uncooked, sports fields, public parks ^d	Workers, consumers, the public	Any	< detection	10 ³ 🛛	Waste stabilization ponds with a retention time of 21 days or secondary treatment followed by equivalent storage or slow sand filtration or equivalent
<i>B. Restricted irrigation</i> Cereal crops, industrial crops,	Workers, nearby communities	Spray or sprinkler	< detection	10 ⁵ []	As for category A
fodder crops, pasture and trees ^e		Flood/furrow	< detection	10³	As for category A
C. Localized irrigation of crops in category B if exposure of workers and the public does not occur	None	Trickle, drip or bubbler	Not applicable	Not applicable	Pre-treatment as required by the irrigation technology, but not less than primary sedimentation

^a In specific cases, local epidemiological, sociocultural and environmental factors should be taken into account and the guidelines modified accordingly. ^bFor Ascaris and Trichuris species and hookworms, the guideline limit is also intended to protect against risks from parasitic protozoa.

^cGuideline values are given for design purposes. They should be achieved during the planning and design stages for effluent reuse projects, and not used as a standard specification for monitoring effluent quality and sample collection.

^dA more stringent guideline limit (£ 200 faecal coliforms/100 mL) is appropriate for public lawns, such as hotel lawns, with which the public may come into direct contact.

e In the case of fruit trees, irrigation should stop 2 weeks before the fruit is picked, and no fruit should be picked off the ground. Spray/sprinkler irrigation should not be used.

¹In cases where the treatment method fails to achieve the guideline limit, use faecal coliforms < 10⁵, provided that precautions are taken such as protective clothes, crop restriction and providing a buffer zone between the irrigated area and nearby communities.