

MD.73.

Title	Nutrient medium for cultivation of fungal strain <i>Fusarium gibbosum</i> CNMN FD 12
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Description EN	<p>Nutrient medium for the cultivation of fungal strain <i>Fusarium gibbosum</i> CNMN FD 12 with the content of corn flour, soy flour, CaCO₃, (NH₄)₂SO₄ and water, which contains supplementary, as a biostimulator, the coordination compound of Fe(III) – [Fe (H₂L^{1,2})(H₂O)₃(NO₃)₃·nH₂O] in the following concentration, %: corn flour – 2.0, soy flour – 1.0, CaCO₃– 0,2; (NH₄)₂SO₄ – 0.1, [Fe (H₂L^{1,2})(H₂O)₃(NO₃)₃·nH₂O] – 0.0010 – 0.0015, water, initial pH of the medium – 6.25.</p> <p>The technical result of the invention consists in increasing of the biosynthesis of neutral protease by 225.6-247.9% against the prototype and in reducing the producer's duration of cultivation by 24 hours.</p>
Class no.	3 Agriculture and Food industry

INTERNATIONAL EXHIBITS