

**Corporation obtaining approval, the name of its representative, and the address of its main office**

National Agriculture and Food Research Organization  
Tokio INBE, President  
3-1-1 Kannondai, Tsukuba, Ibaraki

Gunma Sericultural Technology Center  
Hirofumi SUSEKI, Director  
2326-2 Soja, Soja- Machi , Maebashi, Gunma

Approved Type 1 Use Regulation

Name of the type of Living Modified Organism:	Silkworm to produce silk containing blue fluorescent protein ( <i>HC-Sirius, Bombyx mori</i> ) (GN13 x GCS13)
Content of the Type 1 Use of Living Modified Organism:	Rearing of larvae (from 3rd instar to cocooning)and cocoon production in isolated rearing zone, storage, transportation, inactivation, disposal, and acts incidental to them
Method of the Type 1 Use of Living Modified Organism:	<p>Location: 2326-2 Soja, Soja- Machi , Maebashi, Gunma, Japan Name: Rearing and Research Zone of Transgenic Silkworm, Gunma Sericultural Technology Center Period of use: From April 27, 2016 to March 31, 2021</p> <p>1. Facilities of the isolated rearing zone</p> <p>(1) Security fence (1.8-m height) around the circumference of the isolated rearing zone to prevent unauthorized entry.</p> <p>(2) The prominent sign clearly states that the area is an isolated rearing zone, and that unauthorized entry is prohibited, together with the name of the administrator.</p> <p>(3) The plastic greenhouse for rearing larvae in the isolated rearing zone is built with tubular steel frames and covered with two layers, the inner one is net (its mesh size is 4 mm or smaller) and the outer one is polyvinylchloride film. The outer film can open on the roof, gables, and both sides but the inner net cannot open except doors.</p> <p>(4) The prefabricated house for rearing larvae in the isolated rearing zone is equipped with roof, wall, doors and windows. The doors, windows and ventilation fans which can open and close are covered by net (its mesh size is 4 mm or smaller).</p> <p>(5) The house for waste disposal in the isolated rearing zone is builtwith steel frames, and covered wholly with net (its mesh size is 4 mm or smaller). The outside of the roof is covered with polyvinylchloride film. Plyboards(0.9-m</p>

	<p>height) are set up inside the room,at the bottom of the net to protect it.</p> <p>(6) Freezers (between -30 °C and -20 °C) for inactivation is placed in areas with containment measures to be taken in accordance with Type 2 Use stipulated in the Act on the Conservation and Sustainable Use of Biological Diversity through Regulations on the Use on the Living Modified Organisms (Act No.97 of 2003).</p> <p>2. Operation procedures in the isolated rearing zone</p> <p>(1) Conform to the operation guideline which has been decided separately.</p> <p>(2) Implement the monitoring based on the plan of monitoring which has been decided separately.</p> <p>(3) When risk of an adverse effect on biological diversity is recognized, surely implement measures which have been stipulated in the "emergency measures plan".</p>
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