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

Tohoku University
Susumu Satomi, President
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Approved Type 1 Use Regulation

Name of the type of Living Modified Organism:	Ultraviolet-B radiation sensitive rice (*OsPHR*, *Oryza sativa* L.) (AS-D)
Content of the Type 1 Use of Living Modified Organism:	Cultivation in isolated field, storage, transportation, disposal, and acts incidental to them.
Method of the Type 1 Use of Living Modified Organism:	Location: 232-3 Oguchi-Aza Yomogida, Naruko-Onsen, Osaki, Miyagi 989-6711, Japan Name: Isolated field, Field Science Center, Graduate School of Agricultural Science, Tohoku University Period of Evaluation: From February 5, 2013 to March 31, 2016 1. Facilities of the isolated field (1) Cultivation at a sandy soil paddy field (area is 500-meters square; 25 m x 20 m) in isolated field. In the isolated field, install a storage reservoir and drain ditch of cycloid type in a drainage system, and 30 cm-high bank inside the circumference of the security fence to prevent unexpected flowing out of recombinant rice. (2) 185 cm-high security fence (5 cm-mesh) around the circumference of the isolated field to prevent unauthorized entry. (3) The prominent notice board that is easy to find, indicating the area is a isolated field and is forbiddance of unauthorized entry, also indicating the name of the administrator. (4) Prevent dispersal of recombinant rice due to feeding

	damage of wild animals, such as birds or small animals, and dispersal of pollen of recombinant rice by setting up bird nets around the circumference of the cultivation area before heading time. Windbreak forest and shrubbery around the circumference of the isolated field to prevent pollen dispersal. (5) Washing area to wash out soil and recombinant rice from machinery, equipment, and footwear used in the area. (6) The isolated field is approximately 400 m away from general paddy field, and approximately 250 m away from non-isolated experimental field of Field Science Center, Graduate School of Agricultural Science, Tohoku University. (7) Recombinant rice seedlings are transplanted in the isolated field in late of May. In generally, in that case, the ear-emergence period is at the beginning of August, and the harvest period is in late of September. In the general paddy field around the isolated field, *japonica* rice cultivar "Hitomebore" is mainly cultivated. In generally, the seedlings of "Hitomebore" rice cultivar is transplanted from early May to mid-May, the ear-emergence period is in early August to mid-August, and the harvest period is in late of September. (8) The isolated field did not suffered damage from the Great East Japan Earthquake. 2. Operation procedures in the confined field (1) Sterilization and imbibition of seeds used as experimental material, and cultivation of seedlings are performed at P1P-room in Graduate School of Life Sciences, Tohoku University (2-1-1, Katahira Aobaku, Sendai 980-8577, Japan). After cultivation of seedlings for approximately 2-weeks, the seedlings are packed in sealed case, and then move to the isolated field. Before transplanting the seedlings, the seedlings are allowed to acclimate to environmental conditions of the site for 2 weeks.

	(2) Suppress the growth of plants other than the recombinant rice and the control non-transgenic rice to lowest level with the planting section. (3) Using secure container which prevent unexpected spillage of the recombinant rice, when the recombinant rice goes out from isolated field as transit and storage. (4) Inactivate recombinant rice after cultivation by plowing back in the isolated field or other method, expect transit and storage of the recombinant rice outside the isolated field in compliance with paragraph (1). (5) Prevent unexpected outspread of extraneous recombinant rice by washing machinery, equipment, and footwear used in the isolated field. (6) Maintain and manage the facility so that it can adequately function. (7) Ensure personnel compliance with paragraphs (1) through (6) when implementing Type 1 Use. (8) When risk of an adverse effect on biological diversity is detected, ensure implementation of stipulated “emergency measures plan”.