

**ENVIRONMENTAL RISK ASSESSMENT FORM FOR
DIRECT USE (FOOD, FEED AND PROCESSING)**

I. Basic Project Information

1. Applicant

Philippines Rice Research Institute (PhilRice)
—and—
International Rice Research Institute (IRRI)

2. Address

PhilRice Central Experimental Station
Maligaya, Science City of Munoz, 3119 Nueva Ecija
Philippines
—and—
International Rice Research Institute,
Pili Drive, UPLB, Los Baños, 4031, Laguna
Philippines

3. Host Organism

Oryza sativa L. (rice)

4. Donor Organism(s)

Corn (maize) and commonly occurring bacterial species.

5. Proposed Used

Direct use in food, feed, or for processing (FFP). The Philippines is an intended country of cultivation of GR2E rice and is the country of origin. Therefore, the use of GR2E rice in FFP will only occur following propagation approval in the Philippines.

6. Event

Rice line GR2E (OECD Unique Identifier: IR-ØØGR2E-5)

7. Genetic Modification Made

- Transfer of a foreign gene
- Transfer of gene from a close relative
- Gene silencing
- Gene tweaking

8. Brief description of phenotype due to genetic modification

Provitamin A biofortified rice

9. Viability of material (Y/N)

Yes

II. Flow of Activities/ Stages of Activities

	Potential Environmental Impact (Accidental*)	Mitigating measures
A. Loading/Unloading	None	Not applicable
B. Transport	None	Not applicable
C. Storage	None	Not applicable
D. Processing	None	Not applicable

*In case of accidental spillage, will it impact the environment?

*In case of intentional planting, what will be the impact to the environment?

III. Describe Monitoring Plan

Not applicable. As previously noted, use of GR2E rice in FFP will only occur following propagation approval in the Philippines. There are no plausible risk hypotheses requiring testing via post-market environmental monitoring (PMEM).