## MAGSASAKA AT SIYENTIPIKO PARA SA PAG-UNLAD NG AGRIKULTURA

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## Farmer groups hit PhilRice for renewed push to field and feed test Golden Rice

*Science City of Muñoz* – Farmer-scientist group Magsasaka at Siyentipiko para sa Pag-unlad ng Agrikultura or MASIPAG hit PhilRice for its renewed push to open field test and feed test Golden Rice.

Despite years of vehement public opposition to the field and feed test of Golden Rice in the past decade – a genetically engineered rice promoted for commercialization in Asia, the Department of Agriculture – Bureau of Plant Industry (DA-BPI), PhilRice has filed renewed application this year toopen field test the genetically modified crop in the municipality of San Mateo in Isabela and Muñoz in Nueva Ecija. It also applied for Direct Use, wherein target populations will be fed with Golden Rice to ascertain if Golden

Rice is effective in providing Vitamin A to humans. More than a hundred farmers is holding a mobilization today in front of PhilRice's gate as the institute commemorates its 32<sup>nd</sup> anniversary.

Golden Rice, a transgenic rice containing *beta carotene* is being heralded as *the* solution to Vitamin A deficiency (VAD). The International Rice Research Institute (IRRI) and PhilRice are pushing for the adoption of the said crop. However, the farmers believe the force behind this push is Golden Rice patent owner Syngenta and other giant biotech corporations including Monsanto. In 2013, more



than 400 farmers, consumers and sectoral group under SIKWAL-GMO successfully uprooted the said transgenic crop in Camarines Sur, Bicol as a sign of protest.

"The Filipino farmers are strongly calling the DA-BPI to immediately deny PhilRice's application to field test and feed test Golden Rice. Golden Rice would only further the corporations' interest to control our agriculture thru the legitimization of seed patents. Also, Golden Rice is fraught with inherent problems. One of which is the low yield resulting to the disruption of the native structure of the rice plant" said Cristino Panerio, national coordinator of farmer-scientist group MASIPAG.

In recent study, scientists from India showed that the derived lines of Golden Rice produced phenotypic abnormality and poor yield performance making it unfit for commercial cultivation. Farmers are worried

## MASIPAG is a nation-wide network with the following regional offices:

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MASIPAG-Mindanao 428 Durian St, Juna Subdivision Matina, Davao City Tel: +63 916 575 9279 Email: mindanao@masipag.org that the trait can transfer to other rice varieties or weedy relatives thru cross-contamination once the open field testing is approved. This will contaminate our indigenous and farmer-bred rice varieties and prove disastrous to the already volatile rice production in the country.

The group also cited that the application for Direct Use would subject unknowing communities to feeding studies in order to ascertain efficacy of Golden Rice. In a public dialogue on Golden Rice held by the National Anti-Poverty Commission or NAPC last August, medical doctors has warned that there are not enough data presented to establish safety of Golden Rice to human health thus warranting the discontinuation of human feed trials. During the dialogue, Dr Gene Nisperos of the Health Alliance for Democracy raised his concern as the target of Golden Rice are members of the vulnerable population such as preschool children and lactating mothers.

"Rice is a staple which you eat in the morning, lunch and evening, 7 days a week, 365 days a year. The proponents are saying that Golden Rice is a food, yet they also state that it will provide 30-50% requirement of Vitamin A to alleviate Vitamin A deficiency. So the question is, is Golden Rice a food or a drug. There are two things, safety and efficacy - you do not talk about safety and efficacy in food, you only talk about these in terms of drugs. Yet Golden Rice is planned for widespread release" said Dr Nisperos during the dialogue.

The group also stated that the implementation of the Joint Department Circular (JDC) of 2016, the new policy that will oversee the regulation of GM crops, remains wanting. The said circular includes five departments such as the DOH, DOST, DA, DILG and the DENR who are tasked to oversee regulation, safety, precaution and public participation in GM crop applications. The group cited many gaps and holes in the implementation of the said policy citing lack of specific administrative orders of departments on how they will implement risk assessment and regulation of GM crops as required by the JDC. The group also cited the lack of public participation in each level of decision making.

"It is ironic that the JDC of 2016 is a product of the Supreme Court's decision to ensure that the general public should always be included in every step of the decision making process in regulating GM crops. They were saying that they are holding public consultations but we have never received any invitation, while we have chapters in almost every province in the Philippines" said Joseph Canlas, Chairperson of the Kilusang Magbubukid ng Pilipinas (KMP) during the NAPC dialogue. KMP is one of the convernors of the RESIST Agrochem TNCs, a broad alliance of farmers, consumers and sectoral groups against the control of huge corporations in agriculture.

The group is also questioning if the departments under the JDC have the expertise, capacity, technology and resources to ensure independence of research and putting premium on the safety of the consumers. Dr Chito Medina, MASIPAG partner scientist, said that Health Impact Assessments and Environmental Impact Assessments as required under the JDC should be done by an independent group of experts, and the process cannot be confined from the data presented only by the proponents.

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MASIPAG-Mindanao 428 Durian St, Juna Subdivision Matina, Davao City Tel: +63 916 575 9279 Email: mindanao@masipag.org Renmin Vizconde, Advocacy Officer of the Philippine Network for Food Security Programmes added that "malnutrition and its resultant blindness exist because the basic rights of the farmers and people to land, livelihood are disrupted, due to government neglect and absence of social services, and not because the rice variety they consume does not have Vitamin A. Golden Rice is baseless, unscientific and nothing but a sensationalized product of giant agro-chem corporations to lure super-profits."

"The GM Golden Rice program is ill-suited as Philippine society is primarily agrarian where the majority of the farmers are landless, thus, they need is a genuine land reform program or free distribution of land, that will fundamentally secure their food and nutrition needs," said Vizconde.

"We must protect our rice. If Golden Rice will be approved, our future as farmers will be at risk. There won't be anything left for us if our rice will be contaminated. This will also further legitimize the corporations' greedy agenda to monopolize our seeds. Rice is life for us, we must fight for our rice" said Marcelino dela Rosa, MASIPAG farmer-breeder in the municipality of Cabanatuan.

MASIPAG farmers are also getting the support of organic practitioners and advocates attending the Organic World Congress in New Delhi, India from Nov 9-11, 2017. They hope that more and more countries and farmers around the globe would also speak up against the commercialization of Golden Rice and the corporations' agenda on agriculture.###

MASIPAG is a nework of farmers' groups, scientist and non-government organizations in the Philippines seeking to improve the farmers' quality of life through their control over genetic resources, agricultural technology and associated knowledge.

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