

Entry No. IRRC-0430

Category	: International Rice Research Conference
Select Theme	: Sustainable and equitable farming systems
Endorsement email	:
Keyword 1	: Livelihood and social equity
Keyword 2	:
Keyword 3	:
Title of Entry	: PHILIPPINE MUSHROOM INDUSTRY: PROSPECT, CHALLENGES AND IMPACT
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Select only one type of presentation	: 15 minute oral presentation
Abstract	: Philippines can be considered as home of tropical mushrooms such as paddy straw and milky mushrooms. Likewise, Benguet and Mt. Province can also be tapped as area of production of other mushroom varieties that require cool temperature such as button, shiitake and king oyster. Seasonal production of these mushrooms could be considered in other highlands to augment the demand for consumption. Philippine annual production is not enough to supply the needs that resulted to high mushroom importation. To address the gap in the demand of mushroom, the Department of Agriculture (DA) through the National Rice

Program launched the Community-Based Mushroom Production (CBMP) Project to address the challenges in mushroom production. The DA authorized its Regional Field Offices, Bureau of Soil and Water Management, and PhilRICE lead by Bureau of Plant Industry in implementing and promoting the mushroom project in the countryside. This effort is being done to orchestrate the mushroom industry in the country. The project was launched as an intervention to raise farm productivity and income in rice-based farming communities, increase and improve nutritional quality of food supply in the rural areas, utilize farm biomass in the production of edible mushrooms (rice straw, rice hull, and others). The project has three components to realize its objectives, namely: On-station Mushroom Technology Modules, Community-Based Mushroom Enterprise Establishment and Mushroom Research and Development utilizing the available large quantities of rice by-products (rice hay and rice hull) as basic substrate in mushroom production considering that the reported area of production for rice is about 4.194 million hectares. Through this project, 27 mushroom laboratories in the DA was established with more than 18 mushroom accessions which is the sustainable source of quality culture and spawn as starter seeds. More than 25,000 various beneficiaries were empowered through the conduct of community-based mushroom trainings and on-station trainings. Contributed at least 113,636kg of fresh mushrooms as product of techno-demonstrations, produced 20,303kg of vermicompost from the recycling of spent mushroom substrate using vermicomposting, and developed 35 kinds of mushroom products. From these activities, it resulted in enterprise development that created livelihood, employment and income in the rice-farming communities

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