



Interactive Micro-Organisms
Laboratories Pte Ltd



Chemically
Fertilized

Fertilized with
Agriboost Rize



Agriboost Rize

pecially formulated microbial stimulant
for making bio-organic fertilizer for rice

benefits



Agriboost Rize

Agriboost Rize is a specially formulated microbial stimulant when added to compost, produces premium bio-organic fertilizer for rice. *Agriboost Rize* is time-proven and has brought significant benefits to the growing of rice. In comparison to chemical and commercial organic fertilizers, use of *Agriboost Rize* has resulted in yield improvement of Dinorado rice by 15% and 25% respectively.

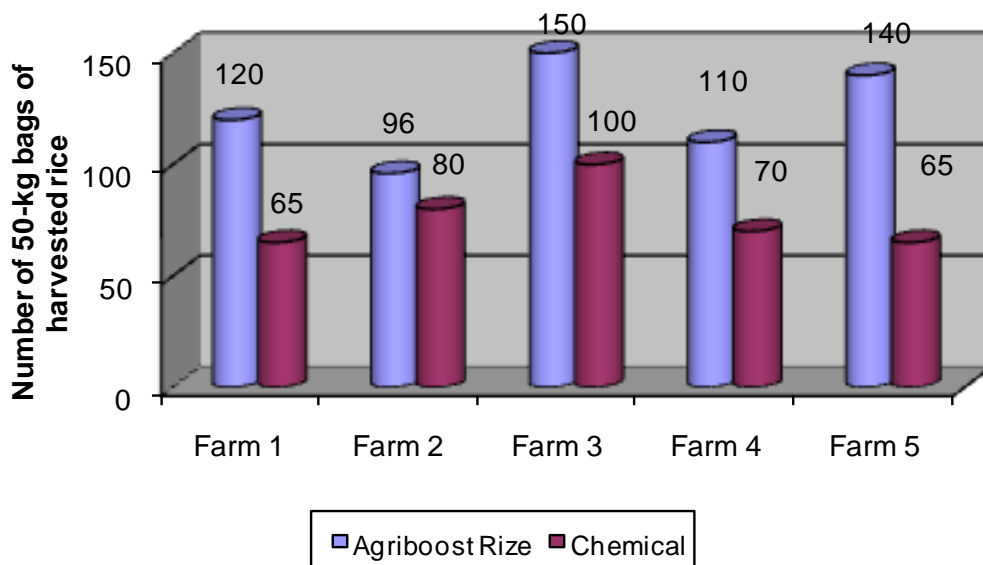
Benefits of *Agriboost Rize*

- ✓ Increased yield
- ✓ Better root development
- ✓ Increased efficiency in fruiting
- ✓ Substitute chemical fertilization
- ✓ Supply of a variety of nutrients
- ✓ Enrichment of organic matter in soil
- ✓ Improvement in aeration in soil
- ✓ Improvement in water and nutrient holding capacity in soil
- ✓ Better economic value for the rice farmer

better yield



Agriboost Rize



Comparative yield of rice fertilized with *Agriboost Rize* and chemical fertilizers (*)

Notes:

* Same volume of *Agriboost Rize* stimulated bio-organic fertilizers and chemical fertilizers used. Yield is measured in the number of 50-kg bags of rice harvested.

Source: IMO Labs, data collected from 5 different farms located in the Philippines.

complimenting chemical fertilizers



Agriboost Rize

Area	Yield	Yield
	Chemical Fertilizers only	<i>Agriboost Rize</i> + Chemical Fertilizers
Desa Dupo Pangkalan Teluk Naga Indonesia	3,340 kg 136 kernel per panicle 17 panicle per bunch	4,560 kg 156kernel per panicle 15718 panicle per bunch
Dusun Sukagena Ciasem-Subang Indonesia	4,840 kg 123 kernel per panicle 74.9 cm panicle length	5,905 kg 129 kernel per panicle 77.1 cm panicle length
Dusun Sukamandi Ciasem-Subang Indonesia	4,871 kg 148 kernel per panicle 89% filled	5,435 kg 154 kernel per panicle 93% filled

Yield of rice produced in Indonesia using *Agriboost Rize* in hybrid fertilization program with chemical fertilizers

enhanced fruiting



Agriboost Rize

Treatment	Rice variety			
	Dinorado (traditional)		IR 72 (high yield)	
	Percentage filled (%)	Percentage unfilled (%)	Percentage filled (%)	Percentage unfilled (%)
Chemical Fertilizers (**)	80.8	19.2	54.8	45.2
<i>Agriboost Rize</i> (***)	83.8	16.2	78.8	21.2
Difference	3.5	-18.1	30.5	-113.5

Comparison of fruiting efficiency (*)

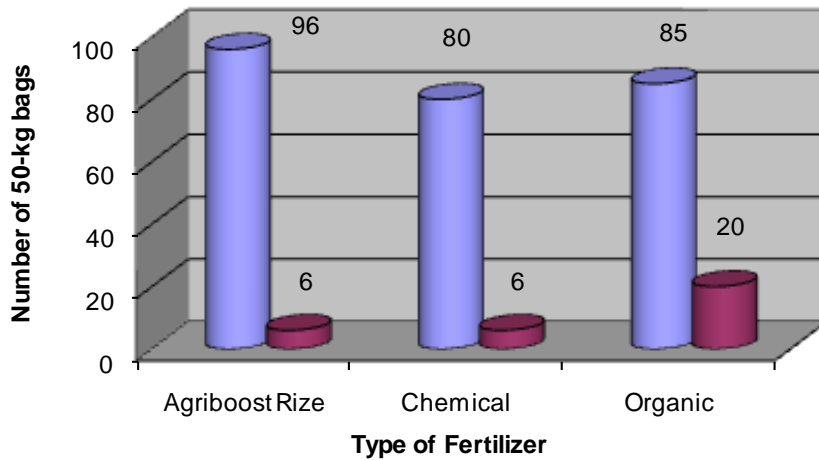
Notes:

* More filled and less unfilled grains is indication of increased nutritional efficiency

** Chemical fertilizers used: 4 bags + 1 bag of [NH₄]₂SO₄ + 2 bags of urea

*** *Agriboost Rize* stimulated bio-organic fertilizers used: 10 bags

Source: IMO Labs, data collected in the Philippines



Legend: Yield (Blue bar), Amount of Fertilizer Used (Red bar)

Comparative yield of rice produced using different fertilizers and amount of fertilizer used (*)

Notes:

* Rice variety: IR 64

Source of data: Center for Rural Technology Development
Calauan, Laguna



Interactive Micro-Organisms
Laboratories Pte Ltd
Bio-Innovation Centre
Unit Q.505
160 Ang Mo Kio Avenue 8
Singapore 569830

Tel: +65 6455 0087

Fax: +65 6455 0587

Email: enquiries@imolabs.com