

**ABOUT THE TECHNOLOGY FOR MASS MULTIPLICATION OF ARBUSCULAR
MYCORRHIZAL FUNGI**

A.	Title	Mass Multiplication of AMF strain <i>Rhizophagus intraradices</i> PM1 through axenic culturing
B.	Place of Invention	G.B. Pant University of Agriculture & Technology, Pantnagar. Pantnagar can be reached by train, bus, taxi and air services. Also it can be reached by train from New Delhi by Kathgodam Shatabdi Express which stops at Rudrapur and Lalkuan, the two nearby stations for Pantnagar on New Delhi-Kathgodam route.
C.	Inventors	Dr. Anil Kumar Sharma et al. of G.B. Pant University of Agriculture & Technology, Pantnagar
D.	Owners	G.B. Pant University of Agriculture & Technology, Pantnagar
E.	The Technology	The method developed addresses the mass cultivation of R.intraradicesPM1 strain of arbuscular mycorrhizal fungi. The strain was isolated from an agricultural area selected for of the purpose and cultured axenically with Ri-tDNA transformed roots of carrot (<i>Daucus carota</i>). The spore number is ranging from 300-350/ml and having the infectivity propagules ~ 105/g of inoculum. The mass propagation can be utilized further in designing a biofertilizer formulation, which can be beneficial for application at large scale and enhance the crop yield in a sustainable manner and also improve the soil health.
F.	Minimum Bid Amount	The minimum amount for the bid has been fixed at Rs. 10 lakhs. Interested parties are requested to make bid accordingly and submit their statement of interest in a sealed cover to the Chief Executive Officer, Intellectual Property Management Centre of the University within a month from the date of advertisement.
G.	For further details	Please contact Chief Executive Officer, Intellectual Property Management Centre (IPMC), PCPGR Building, G.B. Pant University of Agriculture & Technology, Pantnagar, Mob. No. 9568090543; email: jpmishra.jpm@gmail.com