

Title	Impact of plant growth-promoting rhizobacteria on root colonization potential and life cycle of <i>Rhizophagus irregularis</i> following co-entrapment in alginate beads.
Authors	Demortier, M.;Loján, P.;Velivelli, Siva L. S.;Pfeiffer, S.;Suárez, J. P.;de Vos, P.;Doyle Prestwich, Barbara;Sessitsch, A.;Declerck, S.
Publication date	2016-12-29
Original Citation	Loján, P., Demortier, M., Velivelli, S. L. S., Pfeiffer, S., Suárez, J. P., de Vos, P., Doyle Prestwich, B., Sessitsch, A. and Declerck, S. [2016] 'Impact of plant growth-promoting rhizobacteria on root colonization potential and life cycle of <i>Rhizophagus irregularis</i> following co-entrapment in alginate beads', <i>Journal of Applied Microbiology</i> , 122(2), pp. 429-440. doi:10.1111/jam.13355
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1111/jam.13355
Rights	© 2016, the Society for Applied Microbiology. Published by John Wiley & Sons, Inc. This is the peer reviewed version of an article which has been published in final form at http://dx.doi.org/10.1111/jam.13355 . This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Self-Archiving.
Download date	2024-05-22 20:13:38
Item downloaded from	https://hdl.handle.net/10468/4087



UCC

University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Supporting information:

Table S1. List of PGPR isolates used for entrapment with *R. irregularis* MUCL 41833.

Isolate origin ^a	Identity	Similarity (%)	Code in BCCM	Biocontrol ^b		Plant growth promotion ^c		
				<i>R. solani</i>	<i>P. infestans</i>	IAA	PO ₄ ³⁻	ACC
EC4-20	<i>P. extremaustralis</i>	99,8	R-49547	9.64	86.75	-	0	60
EC4-21	<i>P. granadensis</i>	99,2	R-67095	4.82	78.71	97.6	1	60
EC1-2	<i>P. plecoglossicida</i>	98,9	R-67094	38.55	25.3	74.79	3	40
EC3-6	<i>Serratia</i> sp.	99,8	R-67091	57.83	40.36	-	2	20
LMG 24415	<i>B. amyloliquefaciens</i>	nd	LMG 24415	60	75	nd	nd	nd
LMG 24418	<i>B. subtilis</i>	nd	LMG 24418	65	75	nd	nd	nd
LMG 24423	<i>B. subtilis</i>	nd	LMG 24423	80	80	nd	nd	nd