

Name: *Agromyces luteolus*

Authors: Takeuchi and Hatano 2001

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 51:1535

Risk group: 1 (German classification)

Type strain: 8, DSM 14595, IFO 16235, VKM Ac-2085

Author(s) Takeuchi, M., Hatano, K.
Title *Agromyces luteolus* sp. nov., *Agromyces rhizosphaerae* sp. nov. and *Agromyces bracchium* sp. nov., from the mangrove rhizosphere.

Journal Int. J. Syst. Evol. Microbiol.
Volume 51
Page(s) 1529-1537
Year 2001

Genus: *Agromyces*

FH 6225

Species: *luteolus*

Numbers in other collections: DSM 14595

Basonym

Morphology:

	G	R
<u>ISP 2</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Enzymes:

Api Zym

2- 3+ 4+ 5- 6+ 7+ 8+ 9- 10- 11-

12- 13- 14+ 15- 16- 17+ 18- 19- 20-

Api Coryne

Nit Pyz Pyr Pal βGur βGal αGlu βNag Esc Ure Gel

- - - - - + + - (+) - -

Glu Rib Xyl Man Mal Lac Sac Glyg

- - - - - - - -

Comments: good growth on 5006 (broom yellow)



Agromyces luteolus

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (lower) and Api Coryne