

Name: *Agromyces neolithicus*

Authors: Jurado et al. 2005

Status: New Species

Reference(s): Int. J. Syst. Evol. Microbiol. 55:157

Risk group: ?

Type strain: DSM 16197

Author(s) Jurado, V., Groth, I., González, J. M., Laiz, L.,
Saiz-Jimenez, C.

Title *Agromyces salentinus* sp. nov. and *Agromyces neolithicus*
sp. nov.

Journal Int. J. Syst. Evol. Microbiol.

Volume 55

Page(s) 153-157

Year 2005

Genus: *Agromyces* **FH 6536**

Species: *neolithicus*

Numbers in other collections: **DSM 16197**

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	beige
	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	beige
	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

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

Enzymes:

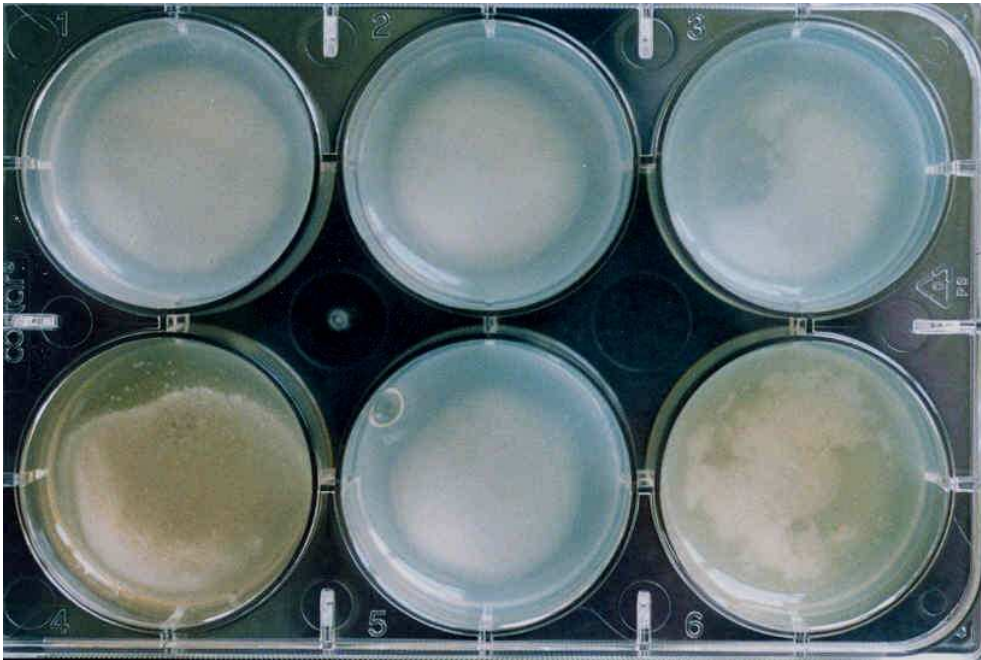
2 -	3 +	4 +	5 -	6 +	7 +	8 +	9 +	10 +	11 +	
12 +	13 +	14 +	15 +	16 +	17 +	18 +	19 +	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
+	+	+	-	+	+	+	+	+	+	-

Comments:



Agromyces neolithicus

A and B – Agar plates media 5006, 5265 and 5315



Agromyces neolithicus

C – Microplate with ISP- and melanin media

D – Api Zym (upper) and Api Coryne