

Name: *Agromyces aurantiacus*

Authors: Li et al. 2003

Status: New Species

Literature: Int. J. Syst. Bacteriol. 53:306

Risk group: 1

Type strain: AS 4.1717, CCTCC 001012, DSM 14598,  
YIM 21741

  

Author(s) Li, W.-J., Zhang, L.-P., Xu, P., Cui, X.-L., Xu, L.-H., Zhang,  
Z., Schumann, P., Stackebrandt, E., Jiang, C.-L.

Title *Agromyces aurantiacus* sp. nov., isolated from a Chinese  
primeval forest.

Journal Int. J. Syst. Evol. Microbiol.

Volume 53

Page(s) 303-307

Year 2003

**Genus:** *Agromyces*

**FH 6378**

**Species:** *aurantiacus*

**Numbers in other collections:** DSM 14598

Morphology:

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

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

**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
+	+	+	(+)	(+)	+	+	+	+	+

**Enzymes:**

ZYM	2-	3+	4-	5-	6+	7(+)	8(+)	9(+)	10-	11+
	12+	13-	14+	15-	16+	17+	18-	19-	20-	

ApiCoryne

Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	+	-	-	+	+	-	+	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

**Comments:**



***Agromyces aurantiacus***

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