

SAVE

Barratt/Gata

NOV 1968

Nov. 5 started X on synth F (2x) medium, diluted to (1x), added 2% glucose and 1.5% agar to make slants, & pour plates. Lysine was added to slants & plates for the asco X.

Nov. 5 inoculated plates & tubes of above medium with conidia from pre-grown stocks of: asco, ts (tan spore), ws (white spore) and wt. (wild type)

<u>asco</u> <u>a</u> (2 tubes)	<u>asco</u> <u>a</u> X	<u>wt</u> . <u>A</u>	^{1/2} 1/2
	<u>wt</u> . <u>A</u> X	<u>asco</u> <u>a</u>	OK
			1/2

<u>ws</u> <u>a</u> (2 tubes)	<u>ws</u> <u>a</u> X	<u>wt</u> . <u>A</u>	^{1/2} 1/2
	<u>wt</u> . <u>A</u> X	<u>ws</u> <u>a</u>	OK

<u>ws</u> <u>A</u> (2 tubes)	<u>ws</u> <u>A</u> X	<u>wt</u> . <u>a</u>	^{1/2} 1/2
	<u>wt</u> . <u>a</u>	<u>ws</u> <u>A</u>	OK

<u>ts</u> <u>a</u> (2 tubes)	<u>ts</u> <u>a</u> X	<u>wt</u> . <u>A</u>	^{1/2} 1/2
	<u>wt</u> . <u>A</u> X	<u>ts</u> <u>a</u>	OK

plates of same combination above.

<u>wt</u> . <u>a</u> X <u>wt</u> . <u>A</u>	7 plate/tubes to act as control
<u>wt</u> . <u>A</u> X <u>wt</u> . <u>a</u>	

Mon. 11/11

24°C

made crosses of all above except asco which did not appear to be growing quite as rapidly. asco appeared immature for crossing. Crosses made by making ^{conidia} suspension of each strain in sterile dist. H₂O, taking ^{pop} pipette & using about 1 1/2 cc/tube for inoculum the pipette tip was used to infect the petri dishes.