

January 27, 1981

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Dear Ed:

Enclosed, cultures of N.crassa per your request of January 20, as:

<u>FGSC#</u>	<u>locus</u>	<u>allele</u>	<u>m.t.</u>	<u>linkage group</u>
1758	w.t.	Abb 12	a	--
1757	w.t.	Abb44	A	--
757	w.t.	Abbott (prob. 4A)	A	--
626	w.t.	Em 5256	A	--
541	w.t.	Lindegren (-)	a	--
278	bis	B6	A	VR
278	bis	B6	a	VR

Comments:

1758 - grows well on minimal
1757 - as above
757 - appears to be temperature sensitive; grows better at 25°C. At 32° C
C growth is inhibited.
626 - grows on minimal
541 - grows on minimal; but albino?? [HOLD -- do not list].
278 and 278 - grow on minimal; conidiates best @ 34°C; "flat colonial at first, then sending up densely conidiating growth." (D.D.Perkins)

Trust the above cultures reach you safely and in good viable condition. If any culture fails to test as expected, please inform us immediately.

Was surprised to learn the Abbott a stocks FGSC #687 and 729 were A m.t. Each of these cultures have been sent out about 10 times since we have had them in the collection and no one has informed us the culture behaved as incorrect mtt. Perhaps no one used them in a cross, but it seems almost unlikely. Anyway we will retest the m.t. of these two to see if we can verify your results.

Ray and I seem to be having our respective physical problems. Ray hasn't been to work for the past few days because he hasn't been feeling well. Partially due to an enlarged liver. I have been having trouble with my diabetic diet coupled with insulin and exercise which, last nite, had me in bed with a sever chill. Orange juice fortified with a few teaspoons of sugar pulled me out. Back at work today, but very tired. Had a liver scan and blood glucose test run early this AM.

sent 1/30/81