

Back crosses

536 c) M_{105} / a nt (nic or tip) (# 505) (65001) FGSC

		Germination No / Total isolated	Allele ratio m : +	
Aug. 76	536.I : M_{105} / a nt x $M_{SL} / A+$ (# 2489)	27 / 30	11 : 16	subtotal I - II
Oct. 76 EP.	536.II : $M_{(c.20)} / a$ nt x $M_{SL} / A+$	26 / 29	16 : 10	
Dec. 76	536.III : (II.2) ant x $M_{SL} / A+$	18 / 30	5 : 13	some GCP some GCP + ty.
Jan 77 OK EP	536.IV : 434 ant x $M_{SL} / A+$	26 / 29	13 : 13	
	536.V : (IV.20) ant x $M_{SL} / A+$	30 / 30 GCP + ty	19 : 11	47 : 33 > 100% ← improvement subtotal IV to VI (?)
	536.VI : (V.4) ant x $M_{SL} / A+$ (2489) FGSC	24 / 30	15 : 9	
		<u>80 / 89</u> 89.9% subtotal		
		<u>71 / 89</u> 82.6% subtotal		
		<u>151 / 178</u>	<u>79 : 78</u>	
		av. 84.8% Germination rate of ascospores	> 100% nt-ascospore viability (compared to +)	
	# 4090 = (VI.5) a M_{581} / nt			
	FGSC # 4089 = (VI.8) A $M_{582} / 65001$			