

Back crosses
 (521) M 230 A pan-2 (530. II. 50) ←
 (Y154-M64-B5)

Back cross: # 467 a ad-1, pan-2 (B5) x + A
 (177)(2484) Y154-M64 (#2429)

	Ascospore germination No / Total	allele ratio	SC (no supplement)
Feb 76 BC III 521b 230 A x 2 a + pan-2 CRSA (FGSC #2490)	50/50	10:20	(no supplement)
May 76 IV (L.5) 243 a x M 1 A + pan-2 (FGSC #2489)	22/30	95/110 86.4%	17:47 36% subtotal
June 76 V=III (V.12) 301 a x M 1 A + pan-2	23/30		
Aug 76 VI=IV 362 (V.11) a x M 1 A + pan-2	26/30	not better subtotal 9:16	SC+pan 16CP+pan
Oct 76 VII (VII.16) a x M 1 A + pan-2	22/29	67/89 75.3%	GCP+pan
Dec 76 VIII (VIII.5) 411 a x M 1 A + pan-2 (#2489)	19/30	8:11	GCP+pan
	162/199 av. Germination 81.4% rate	38:81	av. < 50% Allele ratio
FGSC # 4103 → 477 A	=	pan-2 (B5)	Y154-M64
4104 → 476 a			