

Back Cross
528 M 64 a

Lg. VR
cyh-2 (#881)
[KH 53(r)]

BC	FGSC #881		Germination No/Total ascospores	Allele ratio
Oct. 76 I	M 64 a	x I/A +	38/48	20:18
Dec. 76 II	M 415 a	x I/A +	15/50	5:10
Jan 77 III	(II.9) a	x I/A +	37/49	16:21
April 77 IV	M 466 a	x I/A +	27/30	13:14
May 77 V	(IV.10) a	x I/A +	77/100	47:30
to set up July 77 VI	(V.5) a	x I/A +	32/40 - 80% (improved?)	15:17
			226/327	116/110
			69.1% ~ 70%	~ 100%

$$X^2 = \frac{16 \times 2}{25} < 1$$

41:49 subtotal

~ 84%

difference not significant

75:61 subtotal

> 100% (= improved?)

germination rate of crosses.

M 800/A (.15) } FGSC #
 700/a (.9) } cyh-2 4071 A
 KH 53(r) 4072 a