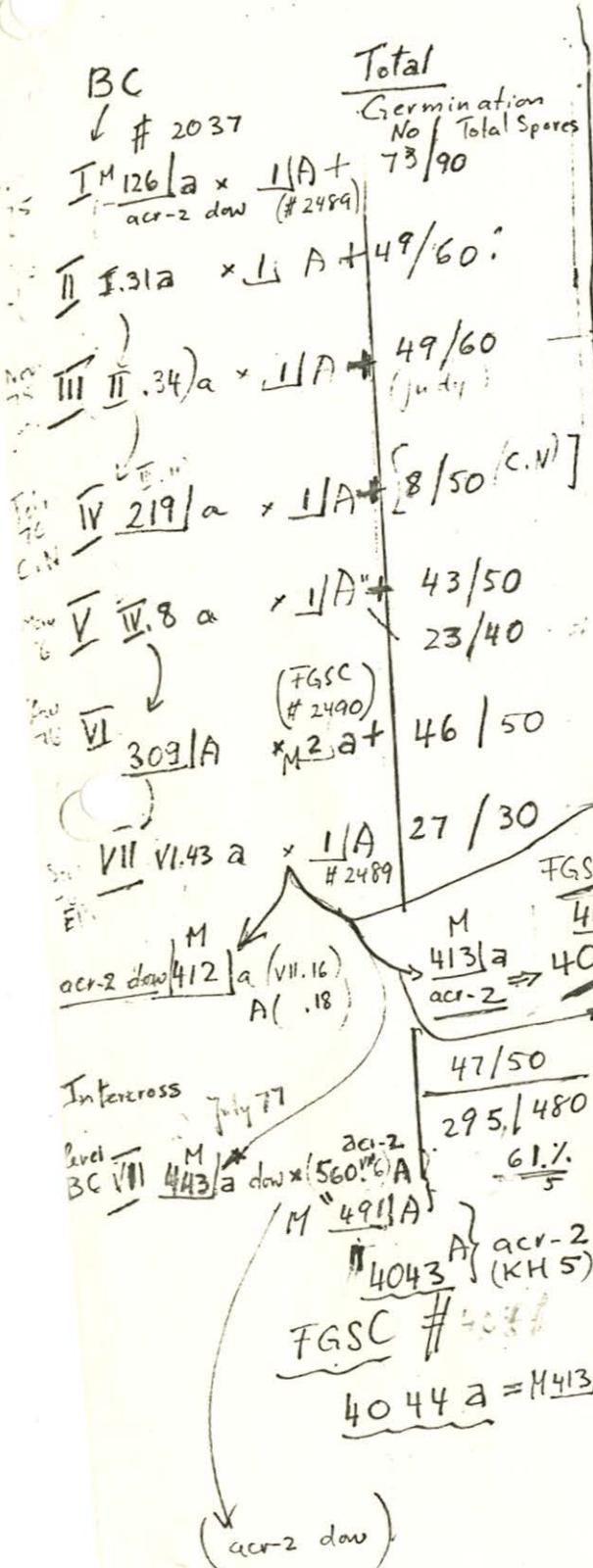


Back-Crosses
(509)

126 | a, $\frac{III L}{acr-2}$ (KHS)

$\frac{III R}{dow}$ (P616)

FGSC (#2037)



Total
Germination No / Total Spores
73 / 90

Allele Ratios

acr-2:+	dow:+
46:44	41:49 (2:1)
29:20 (1:1)	26:23
—	23:26
—	—
—	2:12:28
—	CK 11:12
23:23	21:23 +2?
10:13	13:10

Linkage
 $\frac{acr-2}{dow}$

(?) 36/90
24/49
10/23
—
—
6/11 + 0/12 not linked = acr? 9 poorly conditiating
23/44 } 32/67
9/23
92/229 } all crosses slight linkage $\chi^2 > 5.8$
66/139 } all except B $\chi^2 < 1$ OK unlinked ~50%
VIII: 24/46 >

M 492 | A dow FGSC # A 4051
M 443 | a P161 a 4052

Free Recombination $\frac{acr-2}{dow}$ to