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URBANA, ILLINOIS

Maize Genetics Cooperation • Stock Center

Additional new allele of *pink scutellum1* found in Maize COOP phenotype-only collection

--Janet Day Jackson

This report summarizes additional tests of viviparous stocks characterized only by phenotype in the Maize Genetics COOP Stock Center collection (Jackson, MNL 74:69-70, 2000; MNL 78:66, 2004; Jackson, MNL 81:32, 2007). This new allele was first noticed during routine propagation of viviparous stocks. Older stocks tend to lose the characteristic pink color of *ps1* as they age in storage.

Crosses were made as follows: *+ps** X *+ps1* or *+ps1* X *+ps** and ears were scored at maturity for the pink scutellum phenotype. New designations have been assigned to these alleles and they have been placed on our current stock list. It is expected that with further sorting and allelism testing of other stocks characterized by phenotype only, additional *ps1* alleles will be discovered.

<u>Previous designation</u>	<u>Allelism test with <i>ps1</i></u>	<u>New designation</u>	<u>MGCSC: stock number</u>
<i>vp*-8117</i>	4 positive	<i>ps1-8117</i>	526L