

10. Waseca stripe

This character was first reported in the Corn News Letter 27, 1953.
Data from linkage tests follow:

	R++	Rh+w*	Rg+	Rgw	r++	r+w	rg+	rgw	
1. 168-7	41	8	6	-	6	12	23	10	106
2. 168-6x7	67	14	12	1	12	21	37	23	187
3. 168-12 x 153-18	96	23	8	1	21	61	10	37	257
4. 168-3 x 153-17	103	32	10	4	16	60	18	53	296

*w = stripe

$$168 = \frac{R++}{rgw}$$

$$153 = \frac{rgw}{r+w}$$

% Crossing Over			
	Rr vs. Waseca stripe	Rr vs. Golden	stripe vs. golden
Cross 1	30.5-31.0	18.5-19	indep.
2	30.0	20.5-21.0	48.5-49
3	21.4	17.0-18.0	30-31%
4	23.6	15.0-16.0	32-33%

The order of the genes appears to be g___R___stripe. Some of the crosses are segregating for A₃ also.

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