

表 2 组合 II 定向选择后代表型性状分析

Table 2 Analysis on property of directional selection progeny in combination II

性状 Property	组合 II Combination II							
	直链淀粉含量选择后代 Amylose content progeny				蛋白质含量选择后代 Protein content progeny			
	变幅 Range	平均值 Mean	变异系数 (%) CV(%)	F 值 F value	变幅 Range	平均值 Mean	变异系数 (%) CV(%)	F 值 F value
直链淀粉含量(%) Amylose content(%)	10.0~21.4	14.4	29.8	58.9**	10.97~19.71	16.61	16.3	2.71*
蛋白质含量(%) Protein content(%)	7.18~8.03	7.55	5.1	8.04*	7.37~11.1	9.18	17.0	8.15**
食味值 Taste meter value	33~63	49.7	15.8	25.9**	34~60	50.2	16.3	32.7**
最高粘度 Peak viscosity	264.9~315.4	294.3	6.7	75.9**	280.1~361.5	324.4	11.3	2.30
最低粘度 Through viscosity	170.7~205.3	187.9	6.5	18.5**	137.6~219.3	186.2	16.3	10.8**
最终粘度 Final viscosity	258.7~342	301.2	9.1	27.9**	198.4~354.2	294.5	16.6	49.81**
下降粘度值 Breakdown viscosity	75.8~134.5	106.4	19.8	140.7**	82.8~188.0	138.2	24.2	3.94*
粘滞峰消减值 Setback viscosity	-48.3~47.5	6.9	530.7	8.99**	-127.3~38.4	-29.9	167.4	6.07**
回冷粘滞性恢复值 Recovery value of glutinousness	82.9~136.8	113.3	16.6	18.7**	90.9~131.7	115.2	9.7	0.15
糊化开始温度(°C) Gelatinization start temperature(°C)	56.6~62.0	59.7	3.1	30.2**	57.2~70.7	67.65	4.8	1.4
每株穗数 Ears a plant	6.0~9.66	7.9	17.2	1.49	6~9.7	8.7	18.0	1.73
每穗粒数 Grains a ear	39~171	101	39.3	23.3**	63~130.3	102.3	25.4	2.47*
结实率(%) Seed set propagation coefficient(%)	69.95~96.60	84.65	12.4	5.38*	67.7~95.9	86.7	10.4	1.98
千粒重(克) 1 000-seed weight(g)	17.93~28.57	24.42	13.1	5.69**	22.9~26.9	25.4	5.0	2.86*
单株粒重(克) Grain weight (g)	8.38~28.08	18.26	34.0	13.24**	13.2~31.7	22.8	31.0	2.73*