

Appendix A Analysis of variance of yield and main starch characteristics of mid-season *indica* rice varieties between/among years and varieties

Yield and main starch characteristics	Year <i>df</i> =1	Variety <i>df</i> =7	Year × Variety <i>df</i> =7
Yield	NS	**	NS
Gel consistency	*	**	*
Amylose content	NS	**	NS
Amylopectin content	NS	**	NS
Relative crystallinity	NS	*	NS
IR ratio of 1045/1022	NS	*	NS
Small-sized starch granule number	*	NS	NS
Medium-sized starch granule number	NS	*	NS
Large-sized starch granule number	NS	*	NS
Small-sized starch granule volume	NS	NS	NS
Medium-sized starch granule volume	NS	*	NS
Large-sized starch granule volume	NS	*	NS
Peak viscosity	NS	**	NS
Hot viscosity	*	**	*
Breakdown	NS	**	NS
Setback	NS	**	NS
Pasting temperature	NS	**	NS
ΔH_{gel}	NS	**	NS
ΔH_{ret}	*	**	*
Sucrose synthase	NS	**	NS
Starch synthase	NS	**	NS
Z+ZR content in panicles	NS	**	NS
Z+ZR content in root bleeding	NS	**	NS
ACC concentration in panicles	NS	**	NS
ACC concentration in root bleeding	NS	**	NS

* and **, significant at the 0.05 and 0.01 probability levels, respectively. NS, not significant at the 0.05 probability.