

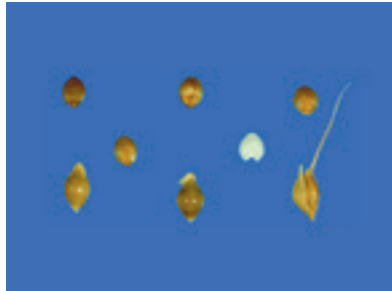
# Grain Grading Mat

*Not for use in official inspections*

Grade	Maximum limits of ---											Color Requirements	Minimum Milling Requirements
	Seeds, heat damaged, and paddy kernels (singly or combined)		Red rice and damaged kernels (singly or combined) (percent)	Chalky Kernels		Broken Kernels			Other Types				
	Total (Number in 500 grams)	Heat damaged kernels and objectionable seeds (Number in 500 grams)		In Long Grain rice (percent)	In Medium or Short Grain rice (percent)	Total (percent)	Removed by a 5 plate (percent)	Removed by a 6 plate (percent)	Through a 6 sieve (percent)	Whole Kernels (percent)	Whole and broken kernels (percent)		
U.S. No. 1	2	1	0.5	1.0	2.0	4.0	0.04	0.1	0.1	--	1.0	Shall be white or creamy	Well Milled
U.S. No. 2	4	2	1.5	2.0	4.0	7.0	0.06	0.2	0.2	--	2.0	May be slightly gray	Well Milled
U.S. No. 3	7	5	2.5	4.0	6.0	15.0	0.1	0.8	0.5	--	3.0	May be light gray	Reasonably Well Milled
U.S. No. 4	20	15	4.0	6.0	8.0	25.0	0.4	1.0	0.7	--	5.0	May be gray or slightly rosy	Reasonably Well Milled
U.S. No. 5	30	25	6.0	10.0	10.0	35.0	0.7	3.0	1.0	10.0	--	May be dark gray or rosy	Reasonably Well Milled
U.S. No. 6	75	75	15.0	15.0	15.0	50.0	1.0	4.0	2.0	10.0	--	May be dark gray or rosy	Reasonably Well Milled



WATER, STAIN, & PECK DAMAGE (Glutinous Rice)



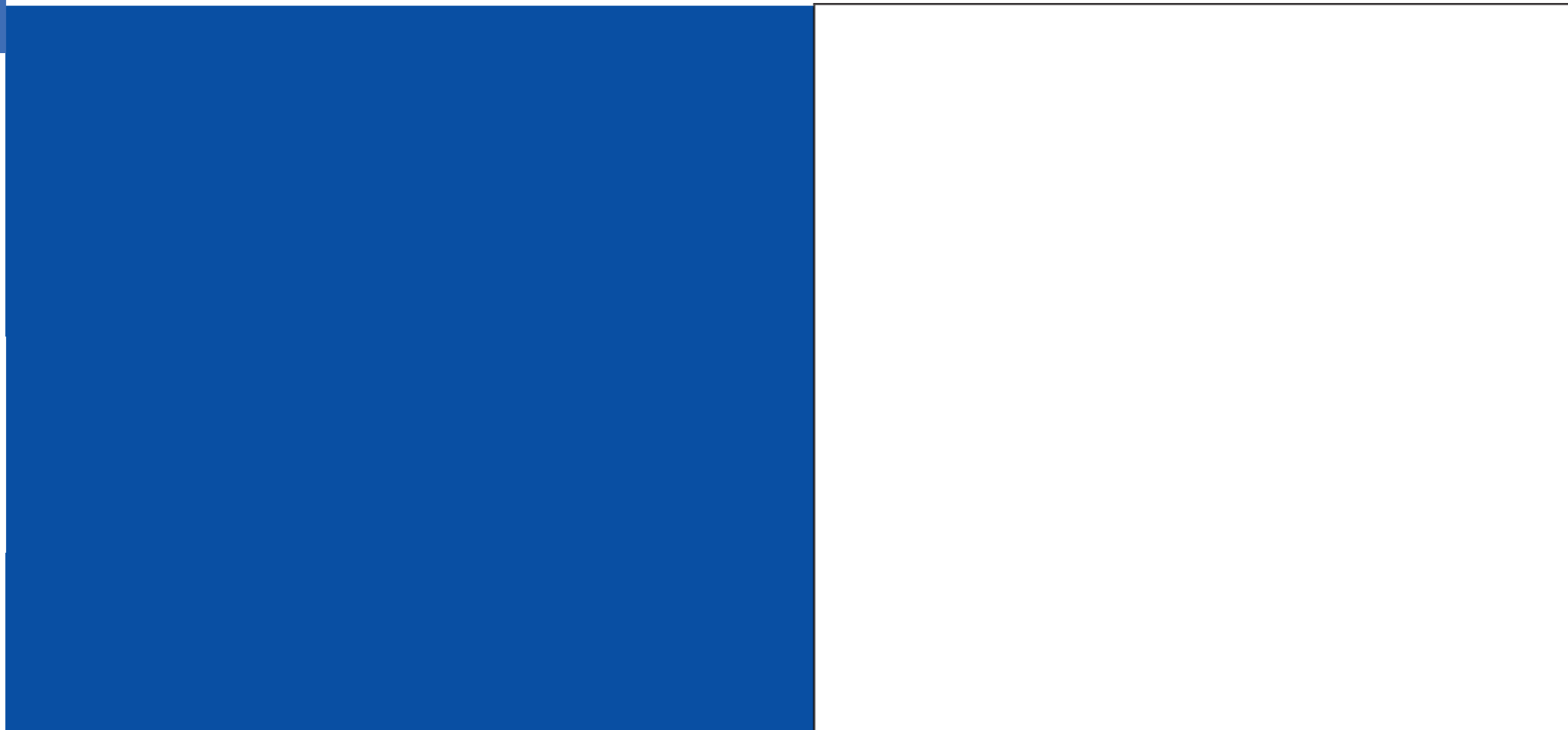
NON-OBJECTIONABLE SEEDS



PECKY KERNELS DAMAGE



SMUT DAMAGE



Dark Blue Surface: Any dark blue surface can be used (i.e., laminate, Plexiglas).

White Surface: Plexiglas color code 7328, with P95 "frosted" finish code.

Both surfaces can be ordered through any laminate or Plexiglas dealer.



HEAT DAMAGE



DAMAGE-BY-HEAT (Stain)



LIGHTLY STAINED (Not Damage)



OBJECTIONABLE SEEDS