

Table 2. Comparison of NBU wild rice with reference data of other wild rice species.

Morphological traits	<i>Oryza rufipogon</i>	<i>Oryza nivara</i>	Wild rice NBU
Plant height (cm)	136 – or >170	50-150 or <170	64 – 145
Flag leaf length (cm)	7 - 20	30 – 49	13 – 40
Flag leaf width (cm)	0.4 - 0.95	1.1 - 1.8	0.3 - 1.8
Panicle length (cm)	19.8-37.6	14-16	15.4-30
Attitude of panicle branches	Spreading	Compact/spreading	Compact/spreading
Panicle exertion	Well exerted	Well exerted	Well exerted
Uppermost internode length (cm)	1.6 – 2.6	0.9 – 1.8	3.4 – 26
Attitude flag leaf blade	Horizontal	Semierect	Deflexed/Horizontal/Semierect
Ligule (mm)	18 – 30	21 – 44	17 – 35 two-cleft
Awn length (mm)	40 – 67	50 – 88	23 – 80
Anther length (mm)	>3.7	<3.7	4 – 8
Pollination	Cross pollination	Self pollination	Cross pollination
Stigma length (mm)	1.8 – 2.8	1.4 – 1.8	>2
Sterile lemma (mm)	0.5 – 0.76	0.83 – 1.2	2 – 3
Grain length (mm)	7 – 10	6 – 10.4	7.5 – 10
Grain breadth (mm)	1.8 – 2.3	2.8 – 3.4	2 – 2.75
Kernel length (mm)	5 – 7	5.5 -8.5	7.5 – 8
Kernel breadth (mm)	2.2 – 2.7	0.65 – 0.92	1.7 – 2
Life cycle	Perennial/annual	Annual	Annual