表五、水稻花蓮 21 號與台農 67 號氮肥效益之比較

Table 5. Comparison of nitrogen application efficiency between Hualien No. 21 and Tainung No .67.

crop	Variety	Nitrogen Level (Kg/ha)	Grain Yield		Nitrogen Economical Benefit (NT)[2]
			Kg/ha	Index (%)	
I	Hualien No. 21	80	4,694b[1]	100.0	-
		120	5,203ab	110.8	5.2
		160	6,012a	128.1	4.1
		200	5,450ab	116.1	-1.9
	Tainung No. 67(CK)	80	4,517b	100.0	-
		120	4,784ab	105.9	2.7
		160	5,775a	127.9	5.1
		200	5,291ab	117.2	-1.7
II	Hualien No. 21	80	4,603c	100.0	-
		120	5,210a	113.2	6.2
		160	5,117a	111.2	-0.5
		200	4,809b	104.5	-1.1
	Tainung No. 67(CK)	80	4,686a	100.0	-
		120	4,808a	102.6	1.2
		160	4,946a	105.5	0.7
		200	4,850a	103.5	-0.3

[1] Means with the same letter between data at the same column are not significantly different at 5% levels under the least significance difference test.

[2] Nitrogen economical benefit by input 1 NT dollars:〔yield of treatment plot－yield of CK plot (80 kg/ha)〕× marketing value（22 NT$/kg）÷ input by increasing N rate which is calculated by the value of sulfate: nitrogen（nitrogen 53.7 NT$/kg）× increasing N rate.