

表八. 苦瓜新品系 WBP55 ‘花蓮 6 號’ 與對照品種 ‘花蓮 1 號’ 之可區別性

Table 8. The distinctness of bitter gourd WBP55 (‘Hualien No. 6’) and ‘Hualien No. 1’.

	Varietalness	WBP55 (‘Hualien No. 6’) (apply variety)	Hualien No. 1 (control variety)	Distinguished (*)
1. Seed	a. seed shape	ellipse	ellipse	
	length	12.1 mm	11.8 mm	
	b. seed size width	8.1 mm	8.2 mm	
	thickness	3.5 mm	3.8 mm	
	c. seed coat color	black	black	
2. Cotyledon	d. mottle seed coat	present	present	
	e. 1000 seed weight	155.9 g	164.6 g	
	a. cotyledon size	medium	medium	
3. Vine	b. cotyledon color	green	green	
	a. vine length	716 cm	700 cm	
	b. main vine thickness / diameter	medium / 2.3 cm	medium / 2.6 cm	
	c. internode length of main vine / average internode length of first 20-25 nodes	medium / 9.6 cm	medium / 7.1 cm	
4. Leaf	a. depth of leaf lobes	deep	deep	
	b. leaf size	big	big	
	c. leaf color	green	green	
	d. length of petiole	long	long	
5. Plant growth		regular	regular	
6. Branching habit		many	many	
7. Flower	a. color	yellow	yellow	
	b. blooming time	morning	morning	
	c. days of the first pistillate flower to bloom	45 d	50 d	
	d. position of the first pistillate flower	the 16th node	the 16th node	
	e. ovary size (length*diameter)	medium (1.5 cm x 0.5 cm)	Medium (1.4 cm x 0.4 cm)	
	f. ovary shape	elliptic	elliptic	
	g. fruit set habit	good	good	
	h. days from flowering to harvest	15 (sowing on Mar. 8, 2013)	15 (sowing on Mar. 8, 2013)	
	i. from transplanting to harvest (days)	60 (sowing on Mar. 8, 2013)	59 (sowing on Mar. 8, 2013)	

表八（續）、苦瓜新品系 WBP55 ‘花蓮 6 號’ 與對照品種 ‘花蓮 1 號’ 之可區別性

Table 8 (continued). The distinctness of bitter gourd WBP55 (‘Hualien No. 6’) ‘and ‘Hualien No. 1’.

Varietalness		WBP55 (‘Hualien No. 6’) (apply variety)	Hualien No. 1 (control variety)	Distinguished (*)
8. Fruit	a. shape	oblong	short elliptic	*
	b. size length	21.9 cm	13.3 cm	*
	(before the diameter	5.4 cm	5.5 cm	
	fruits turn yellow)			
	c. weight (before the fruits turn yellow)	202.4 g	134.5 g	*
	d. peduncle length	8.1 cm to 11.6 cm	6.2 cm to 15.4 cm	
	e. fruit surface	pearl papilla and slotted papilla	pearl papilla and slotted papilla	
	f. fruit ribs	medium	medium	
	g. fruit firmness	slightly crisp	slightly crisp	
	h. dehiscent fruit difficulty	medium	medium	
	i. color of fruit coat	bagged: light green un-bagged: green	bagged:light green un-bagged:green	
9.Susceptibility	j. bitter taste	medium	medium	
	k. thickness of fruit flesh	medium	medium	
	peronospora	medium	medium	
10.Others	mean rate of pistillate flower	12.0%	19.1%	