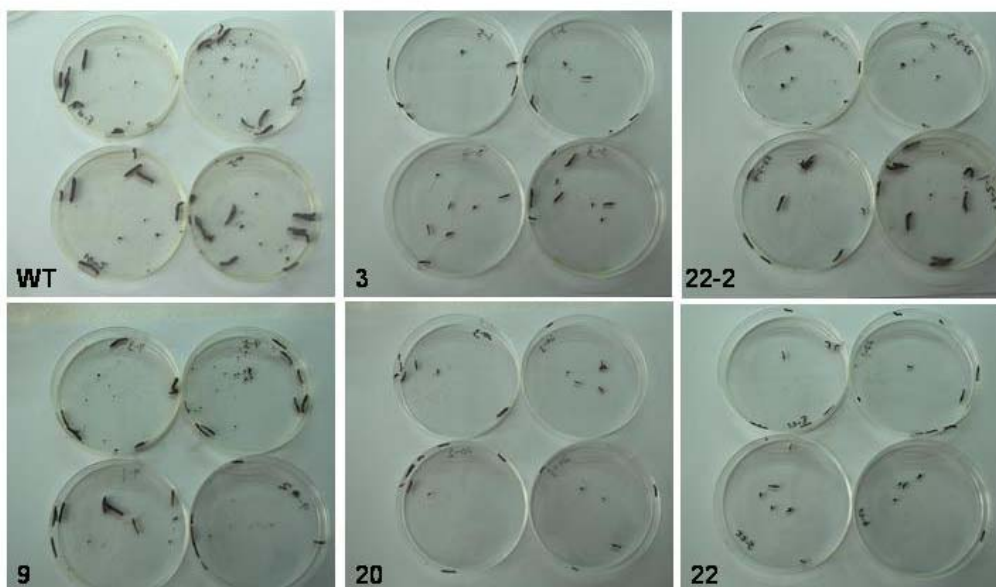




圖三、*Bt* 基因轉殖番茄餵食斜紋夜蛾幼蟲 24 hr 後之葉片取食情形

Fig. 3. Feeding test of *Bt* transgenic tomato leaves after 24 hours by armyworm. WT: Wild type; Numbers 3, 9, 20, 22, 22-2: transgenic tomato plants.



圖四、斜紋夜蛾幼蟲取食 *Bt* 基因轉殖番茄株 5 天後之生長情形

Fig. 4. Armyworm developing condition after 5 days fed with *Bt* transgenic tomato leaves. WT: Wild type; Numbers 3, 9, 20, 22, 22-2: transgenic tomato plants.

表二、以 *Bt* 基因轉殖番茄葉片餵食斜紋夜蛾幼蟲之葉片被取食率和幼蟲死亡率

Table 2. Consumption rate and mortality of armyworm fed with *Bt* transgenic tomato leaves.

轉殖株 No. of <i>Bt</i> transgenic plant	葉片被取食率 (%) ^y Consumption rate	斜紋夜蛾幼蟲死亡率 (%) Mortality
3	14.2±13.6	36.0±17.4
9	77.4±15.3	10.0± 8.9
20	14.6±12.4	34.0±24.2
22	19.8±13.4	28.0±14.7
22-2	25.4±20.5	40.0±27.6
Wild type ^z	92.4± 7.0	2.0± 4.1

^zNon-transgenic plant as control.

^yThree leaflets per repeat and five repeats were investigated in the bioassay.