表一、毆殺滅不同浸漬時間對山藥根瘤線蟲防治效果

Table 1. Control of root-knot nematode on yam by different dipping time of oxamyl solution

Treatment	1 day		3 days		5 days	
	No. nematodes	Control rate（%）	No. nematodes	Control rate（%）	No. nematodes	Control rate（%）
24% oxamyl (1000ppm)dipping 10 minutes	2.4b*	75.0	1.0b	89.7	0.2b	97.9
24% oxamyl (1000ppm)dipping 20 minutes	1.6c	83.3	0.6b	93.8	0b	100
24% oxamyl (1000ppm)dipping 30 minutes	1.4c	85.4	0.2b	97.9	0b	100
control	9.8a	-	9.6a	-	9.6a	-

*: Values followed by the same letter in the row are not significantly different at 5% level according to LSD.

表二、葉片殘留藥劑對山藥黑盲椿之防治效果

Table 2. Control of *Harpedona marginata* of yam by residue of different pesticides on leaf surface

Treatment	Control rate (%)			
	1 day	3 days	5 days	7 days
50％ Cartap SP 1000 ppm	58.2	75.5	86.0	100.0
25％ Buprofezin WP 1500 ppm	50.9	81.1	84.0	75.0
25％ Pymetrozine WP 2000 ppm	87.3	94.3	100.0	-
20％ Acetamiprid SP 4000 ppm	100.0	-	-	-
2.8％ Bifenthrin EC 1500 ppm	100.0	-	-	-
50％ Malathion WC 800 ppm	100.0	-	-	-
2.8％ Deltamethrin EC 1500 ppm	98.2	100.	-	-
9.6％ Imidacloprid SL 4000 ppm	100.0	-	-	-
4.5％ Azadirachtin EC 1000 ppm	76.4	84.9	90.0	100.0
Neem oil 600 ppm	56.4	75.5	74.0	75.0
control	-	-	-	-

表三、直接噴施藥劑對山藥黑盲椿之防治效果

Table 3. Control of *Harpedona marginata* of yam by spraying directly of different pesticides on leaf surface

Treatment	Control rate (%)			
	1 day	3 days	5 days	7 days
50％ Cartap SP 1000 ppm	95.2	97.4	97.2	100.0
25％ Buprofezin WP 1500 ppm	85.7	87.2	91.7	100.0
25％ Pymetrozine WP 2000 ppm	100.0	-	-	-
20％ Acetamiprid SP 4000 ppm	100.0	-	-	-
2.8％ Bifenthrin EC 1500 ppm	100.0	-	-	-
50％ Malathion WC 800 ppm	95.2	94.9	97.2	100.0
2.8％ Deltamethrin EC 1500 ppm	100.0	-	-	-
9.6％ Imidacloprid SL 4000 ppm	100.0	-	-	-
4.5％ Azadirachtin EC 1000 ppm	100.0	-	-	-
Neem oil 600 ppm	81.0	82.1	80.6	83.3
control	-	-	-	-

表四、六種不同藥劑對山藥炭疽病之防治

Table 4. Control effect of 6 different fungicides on anthracnose of yam

	Chlorothalonil 700 ppm		Benomyl 3000 ppm		Azoxystrobin 1000 ppm		Dithianon 700 ppm		Prochloraz 3000 ppm		Carbendazim+ Dithianon 1000 ppm	
	一	二	一	二	一	二	一	二	一	二	一	二
Colletotrichum (Sincheng)	±	-	+	++	+	+	+	±	+	++	+	++
Colletotrichum (Fonglin)	±	±	+	++	+	+	+	±	+	++	+	+++
Gloeosporium (Fonglin)	+	+	+	++	±	±	±	±	+	++	+	+++

+：inhibitive -：not inhibitive ±：inhibitive or not