

Table(1): Average protection index (PI%) after different post-treatment intervals of certain pesticides with different rates, in one-spray programme (Apr. 1st), during wheat ripening stages, Assiut Governorate, (2002/ 2003) seasons.

pesticide	Application rate	Avg. (PI%) at post-treatment Intervals						⁽²⁾ Grand average
		3Day	7Day	15Day	20Day	24Day	30Day	
Primicarb (50% DG)	10.4 g./100 L.	⁽¹⁾ 38.4 k—p	36.47 k—q	18.3 (b—h)	12.79 (g—j)	12.66 (g—j)	12 (h—k)	21.77 F
	20.8 g./100 L.	55.77 ef	50.2 fgh	41.23 j—n	32.57 p—u	23.53 w—z (a-d)	23.3 w—z (a-d)	37.77 C
	31.2 g./100 L.	89.1 a	80.53 b	69.83 c	55.5 ef	53.53 fg	35.27 m—q	63.96 A
Fenitrothion (50%EC)	66.6 cm. ³ /100 L.	31.67 p—v	23.2 w—z (a-d)	11.48 (h—k)	5.15 (kl)	5.107 (kl)	2.943 (l)	13.26 H
	133.3 cm. ³ /100 L.	43.57 h—k	42.17 j—m	24.73 v—z (ab)	18.63 z (a—h)	16.47 (d—i)	12 (h—k)	26.26 E
	200 cm. ³ /100 L.	65.07 cd	60.8 de	38.67 k—p	21.77 yz (a-e)	21.1 yz (a-f)	18.53 (a—h)	37.66 C
Malathion (57%EC)	50 cm. ³ /100 L.	33.53 o—s	32.3 p—u	16.47 (d—i)	11.73 (h—k)	9.793 (ijk)	6.107 (jkl)	18.32 G
	100 cm. ³ /100 L.	36.93 k—q	35.17 m—q	33.07 p—t	27.27 r—y	22.6 xyz (a-d)	12.03 (h—k)	27.85 E
	150 cm. ³ /100 L.	63.3 cd	49.37 f—i	40.8 j—o	29.67 q—x	23.47 w—z (a-d)	21.7 yz (a-e)	38.05 C

Table(1): Continued

pesticide	Application rate	Avg. (PI%) at post-treatment Intervals						⁽²⁾ Grand average
		3Day	7Day	15Day	20Day	24Day	30Day	
Flusilazole (40%EC)	6.25 cm. ³ /100 L.	30.73 q—w	25.63 u—z (ab)	19.96 yz (a-g)	18.2 (b—h)	16.79 (c—i)	14.5 (e—i)	20.97 F
	12.5 cm. ³ /100 L.	49.23 f—i	46.9 g—j	29.93 q—x	22.43 xyz (a-d)	21.83 yz (a-d)	20.6 yz (a-f)	31.82 D
	18.75 cm. ³ /100 L.	66.83 cd	65.8 cd	42.6 i—l	25.33 v—z (abc)	24.27 v—z (abc)	22.63 xyz (a-d)	41.24 B
Dimiconazole (5%EC)	11.6 cm. ³ /100 L.	33.67 o—r	30.63 q—w	26.03 t—z (a)	14.3 (e—i)	11.63 (h—k)	11.4 (h—k)	21.28 F
	23.3 cm. ³ /100 L.	46.37 hij	36 l—g	29.57 q—x	24.13 w—z (abc)	23.57 w—z (a-d)	23.3 w—z (a-d)	30.49 D
	35 cm. ³ /100 L.	65.27 cd	61.37 de	43.17 i—l	34.8 n—q	26.23 s—z	24.47 v—z (ab)	42.55 B
⁽³⁾ Grand average		49.96 [A]	45.10 [B]	32.39 [C]	23.62 [D]	20.84 [E]	17.39 [F]	

⁽¹⁾ Means followed by the same small letter(s), do not significantly different at 0.05 level of probability.

⁽²⁾ Means followed by the same capital letter, within the same column, do not significantly different at 0.05 level of probability.

⁽³⁾ Means followed by the same capital letter (in parentheses), within the same row, do not significantly different at 0.05 level of probability.

Table(2): Average protection indices (PI%) after different post-treatment intervals of certain pesticides with different rates, in two-spray programme (Apr. 1st and 15th), during wheat ripening stages, Assiut Governorate, (2002/ 2003) seasons.

pesticide	Application rate	Avg. (PI%) at post-treatment Intervals						⁽²⁾ Grand average
		3Day	7Day	15Day	20Day	24Day	30Day	
Primicarb (50% DG)	10.4 g./100 L.	⁽¹⁾ 38.40 m—v	36.47 o—y	18.30 (i—l)	31.05 w—z (a-e)	30.38 x—z (a-e)	22.79 (g—k)	29.57 G
	20.8 g./100 L.	55.77 g	50.20 h	41.23 k—r	44.65 h—m	44.52 h—m	43.72 h—n	46.68 CD
	31.2 g./100 L.	89.10 a	80.53 b	69.83 c	69.96 c	68.86 cd	67.69 cde	74.33 A
Fenitrothion (50%EC)	66.6 cm. ³ /100 L.	31.67 v—z (a-d)	23.20 (e—j)	11.48 (m)	28.25 z (a—g)	27.46 (a—g)	13.21 (lm)	22.55 I
	133.3 cm. ³ /100 L.	43.57 h—n	42.17 j—q	24.73 (e—i)	34.08 s—z (a)	31.89 u—z (a-d)	20.54 (h—k)	32.83 F
	200 cm. ³ /100 L.	65.07 c—f	60.80 fg	38.67 m—u	45.63 h—l	42.27 j—q	36.09 p—y	48.09 C
Malathion (57%EC)	50 cm. ³ /100 L.	33.53 t—z (a)	32.30 u—z (abc)	16.47 (klm)	32.55 t—z (ab)	27.52 (a—g)	18.11 (jkl)	26.75 H
	100 cm. ³ /100 L.	36.93 n—x	35.17 r—z	33.07 t—z (a)	32.64 t—z (ab)	31.43 w—z (a-e)	31.11 w—z (a-e)	33.39 F
	150 cm. ³ /100 L.	63.30 def	49.37 hi	40.80 k—s	40.87 k—s	39.37 l—t	34.37 s—z (a)	44.68 D

Table(2): continued

pesticide	Application rate	Avg. (PI%) at post-treatment Intervals						⁽²⁾ Grand average
		3Day	7Day	15Day	20Day	24Day	30Day	
Flusilazole (40%EC)	6.25 cm. ³ /100 L.	30.73 xyz (a-e)	25.63 (c—h)	19.96 (h—k)	27.47 (a—g)	25.30 (d—h)	21.73 (g—k)	25.14 H
	12.5 cm. ³ /100 L.	49.23 hi	46.90 h—k	29.93 xyz (a-e)	35.53 q—y	33.47 t—z (a)	22.93 (f—k)	36.33 E
	18.75 cm. ³ /100 L.	66.83 c—f	65.80 c—f	42.60 i—p	46.19 h—k	43.25 i—n	41.67 j—r	51.06 B
Diniconazole (5%EC)	11.6 cm. ³ /100 L.	33.67 t—z (a)	30.63 xyz (a-e)	26.03 (b—h)	35.93 p—y	31.45 w—z (a-e)	31.39 w—z (a-e)	31.52 FG
	23.3 cm. ³ /100 L.	46.37 h—k	36.00 p—y	29.57 yz (a-f)	37.89 m—w	35.98 p—y	32.37 u—z (abc)	36.36 E
	35 cm. ³ /100 L.	65.27 c—f	61.37 efg	43.17 i—o	48.11 hij	46.65 h—k	44.65 h—m	51.53 B
⁽³⁾ Grand average		49.96 [A]	45.10 [B]	32.39 [E]	39.38 [C]	37.27 [D]	32.22 [E]	

⁽¹⁾ Means followed by the same small letter(s), do not significantly different at 0.05 level of probability.

⁽²⁾ Means followed by the same capital letter (s), within the same column, do not significantly different at 0.05 level of probability.

⁽³⁾ Means followed by the same capital letter (in parentheses), within the same row, do not significantly different at 0.05 level of probability.