

Table 2: Effect of IGRs application on the means numbers of inspected cotton leafworm

Inspection dates	Replicates	Treatments									
		Ageron®		Match®		Dimilin®		Tobron		Untreated Check	
		N.B.S*	N.A.S**	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S
3 Days	1	2205	279	1860	222	1752	242	1524	175	1830	1320
	2	2222	287	1765	211	1852	234	1720	166	1892	1210
	3	1980	242	1610	178	1595	185	1679	159	1950	1120
	4	1875	211	1555	169	1572	176	1577	155	1988	1022
Means numbers		—	254.75b	—	195b	—	209.25b	—	163.75b	—	1168a
F calculated						193.53					
F tabulated						3.06					
LSD ₀₅						93.51					
Significant						***					
7 Days	1	2205	202	1860	159	1752	168	1524	123	1830	1105
	2	2222	197	1765	152	1852	175	1720	119	1892	1080
	3	1980	192	1610	141	1595	131	1679	115	1950	975
	4	1875	142	1555	119	1572	115	1577	102	1988	960
Means numbers		—	183.25b	—	142.75bc	—	147.25bc	—	114.75c	—	1030a
F calculated						426.14					
F tabulated						3.06					
LSD ₀₅						57.77					
Significant						***					
10 Days	1	2205	162	1860	128	1752	122	1524	95	1830	824
	2	2222	159	1765	119	1852	139	1720	98	1892	896
	3	1980	158	1610	109	1595	104	1679	88	1950	798
	4	1875	112	1555	99	1572	81	1577	70	1988	675
Means numbers		—	147.75b	—	113.75b	—	111.5b	—	87.75b	—	798.25a
F calculated						188.05					
F tabulated						3.06					
LSD ₀₅						67.31					
Significant						***					
Overall Means Numbers		—	195.25b	—	150.5bc	—	156bc	—	122.08c	—	998.75a
F calculated						525.69					
F tabulated						2.69					
LSD ₀₅						50.77					
Significant						***					

N.B.S =Number before spray ** N.A.S =Number after spray

Table 4: Means numbers of infested bolls with bollworms before and after Insecticides spraying

N.S	Ins.	Re.	Treatments														Untreated Check		
			Icton®		Lamda-Z®		Bulsar®		Bulldock		'Sumi- alfa'KZ®		Dora®		Fenerate-S		N.B.S	N.A.S	
			N.B.S*	N.A.S**	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S	N.B.S	N.A.S			
1 st Spray	1 st Ins.	1	3	2	3	1	2	2	3	3	3	3	2	2	3	2	2	2	11
		2	3	1	2	1	3	1	3	2	3	2	2	1	2	1	3	9	
		3	2	1	1	1	1	1	2	2	2	2	3	2	3	2	2	12	
		4	2	1	2	1	2	1	3	2	2	2	2	1	2	1	3	13	
	Av.	2.5	1.3	2	1	2	1.3	2.5	2.3	2.5	2.3	2.3	1.5	2.5	1.5	2.5	11.3		
	2 nd Ins.	1	3	2	3	2	2	3	2	2	3	3	2	2	3	2	2	12	
		2	3	1	2	1	3	2	3	1	3	2	2	1	2	1	3	11	
		3	2	1	1	1	1	1	2	1	2	1	3	1	3	1	2	9	
		4	2	1	2	1	2	1	3	1	2	2	2	1	2	2	3	10	
	Av.	2.5	1.3	2	1.3	2	1.8	2.5	1.3	2.5	2	2.3	1.3	2.5	1.5	2.5	10.5		
G.M.N.S.	—	1.2cd	—	1.1d	—	1.5cd	—	1.8bc	—	2.1b	—	1.4cd	—	1.5cd	—	10.9a			
F cal.	F tab.	449.63								2.43									
LSD ₀₅			0.46																
Significant			***																
2 nd Spray	3 rd Ins.	1	2	3	2	2	3	2	2	2	3	2	2	3	2	2	2	13	
		2	1	1	1	1	2	1	1	1	2	1	1	1	1	1	3	12	
		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	11	
		4	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	13	
	Av.	1.3	1.5	1.3	1.3	1.8	1.3	1.3	1.3	1.3	2	1.3	1.3	1.5	1.5	1.5	2.5	12.3	
	4 th Ins.	1	2	3	2	2	3	2	3	4	3	2	2	2	2	2	2	14	
		2	1	1	1	1	2	2	2	1	2	1	1	1	1	1	3	13	
		3	1	2	1	1	1	2	1	2	1	1	1	2	1	2	2	13	
		4	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	12	
	Av.	1.3	1.8	1.3	1.3	1.8	1.8	1.8	2	2	1.3	1.3	1.5	1.5	1.8	2.5	13		
G.M.N.S.	—	1.6b	—	1.3b	—	1.5b	—	1.6b	—	1.2b	—	1.5b	—	1.6b	—	12.6a			
F cal.	F tab.	535.69								2.43									
LSD ₀₅			0.50																
Significant			***																
3 rd Spray	5 th Ins.	1	3	4	2	3	2	3	4	4	2	4	2	3	2	2	2	15	
		2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	3	14	
		3	2	3	1	1	2	3	2	4	1	1	2	3	2	3	2	17	
		4	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	16	
	Av.	1.8	2.3	1.3	1.5	1.8	2.3	2	2.5	1.3	1.8	1.5	2	1.8	2.3	2.5	15.5		
	6 th Ins.	1	3	4	2	3	2	3	4	5	2	3	2	3	2	2	2	15	
		2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	3	18	
		3	2	3	1	1	2	3	2	4	1	1	2	2	3	2	16		
		4	1	1	1	1	1	1	1	1	1	1	1	2	3	3	17		
	Av.	1.8	2.3	1.3	1.5	1.8	2.3	2	2.8	1.3	1.5	1.5	1.8	1.8	2.3	2.5	16.5		
G.M.N.S.	—	2.3b	—	1.5b	—	2.1b	—	2.6b	—	1.6b	—	1.9b	—	2.3b	—	16a			
F cal.	F tab.	112.99								2.43									
LSD ₀₅			1.36																
Significant			***																
O.M.N.			—	1.70b	—	1.29b	—	1.75b	—	2b	—	1.66b	—	1.58b	—	1.79b	—	13.16a	
F cal.	F tab.	337.18								2.02									
LSD ₀₅			0.65																
Significant			***																

*N.B.S =Number Before Spray ** N.A.S =Number After Spray G.M.N.S.= General Man Numbers of spray O.M.N.= Overall Mean Numbers each insecticide