

## Supplementary Table

Supplementary Table 1. Effect of different cropping treatments on the mean abundance of flea beetle adults and natural enemies per 10 plants on brinjal during 20<sup>th</sup> – 40<sup>th</sup> Meteorological standard week MSW (Pooled of 2019 and 2020).

	Name of the species	Main Crop	Control	Trap Crop	Attractant Crop	Repellent Crop	Perimeter Crop	Mean	
Treatment I	<b>Flea Beetle</b>	<b>Brinjal</b>	<b>Brinjal</b>	<b>Sunflower (border)</b>	<b>Coriander (intercrop)</b>	<b>Onion (Buffer)</b>	<b>Marigold (Perimeter)</b>		
	<i>P. striolata</i>	7.47[0.69] (15.8)	19.89[0.64] (26.4)	14.06[1.24] (22.0)	17.57[1.00] (24.7)	4.03[0.40] (11.5)	12.22[0.99] (20.4)	<b>11.97</b>	
	<i>Altica himensis</i>	6.88[0.83] (15.2)	19.39[1.12] (26.1)	11.75[1.15] (20.0)	17.32[1.21] (24.5)	3.66[0.11] (11.0)	13.25[0.72] (21.3)	<b>11.50</b>	
	<b>Mean</b>	<b>7.18</b>	<b>19.64</b>	<b>12.91</b>	<b>17.45</b>	<b>3.85</b>	<b>12.74</b>	<b>11.73</b>	
	<b>SD</b>	<b>0.42</b>	<b>0.35</b>	<b>1.63</b>	<b>0.18</b>	<b>0.26</b>	<b>0.73</b>	<b>0.33</b>	
		<b>Natural enemies</b>							
	<i>Steatoda triangulosa</i> (Araenidae)	1.36[0.17] (6.68)	0.44[0.09] (3.78)	1.90[0.05] (7.92)	2.13[0.50] (8.39)	1.66[0.22] (7.39)	1.08[0.17] (5.95)	<b>1.69</b>	
	<i>Linyphia triangularis</i> (Araenidae)	1.40[0.10] (6.78)	0.24[0.06] (2.77)	1.63[0.13] (7.33)	2.43[0.27] (8.96)	1.10[0.08] (6.00)	1.45[0.31] (6.90)	<b>1.65</b>	
	<i>Coccinella septempunctata</i> (Coccinellidae)	1.28[0.16] (6.88)	0.30[0.16] (19.3)	0.53[0.25] (11.7)	1.66[0.17] (17.3)	0.17[0.22] (3.65)	1.02[0.18] (13.2)	<b>0.85</b>	
	<i>Chrysoperla carnea</i> (Chrysopidae)	1.33[0.46] (14.3)	0.59[0.24] (39.2)	0.61[0.07] (25.8)	1.93[0.26] (34.8)	0.59[0.31] (7.68)	0.08[0.40] (25.4)	<b>0.80</b>	
	<i>Zicrona caerulea</i> (Pentatomidae)	1.41[0.31] (6.80)	0.39[0.14] (3.55)	0.84[0.11] (5.24)	1.13[0.48] (6.08)	0.26[0.32] (2.92)	0.08[0.18] (1.56)	<b>0.58</b>	
	<b>Mean</b>	<b>1.36</b>	<b>0.39</b>	<b>1.10</b>	<b>1.86</b>	<b>0.76</b>	<b>0.74</b>	<b>1.11</b>	
	<b>SD</b>	<b>0.05</b>	<b>0.14</b>	<b>0.62</b>	<b>0.49</b>	<b>0.62</b>	<b>0.63</b>	0.52	
	Treatment II	<b>Flea Beetle</b>	<b>Brinjal</b>	<b>Brinjal</b>	<b>Turnip (Buffer)</b>	<b>Buckwheat (border)</b>	<b>Mint (intercrop)</b>	<b>Marigold (Perimeter)</b>	<b>Mean</b>
<i>P. striolata</i>		9.14[0.18] (17.5)	18.77[0.79] (25.6)	12.07[0.24] (20.3)	15.79[0.32] (23.4)	1.89[0.04] (7.89)	11.82[0.22] (20.1)	<b>10.39</b>	
<i>Altica himensis</i>		7.35[0.15] (15.7)	17.42[0.54] (24.6)	10.36[0.21] (18.7)	16.04[0.32] (23.6)	0.96[0.02] (5.60)	9.59[0.20] (18.0)	<b>9.24</b>	
<b>Mean</b>		<b>8.25</b>	<b>18.10</b>	<b>11.22</b>	<b>15.92</b>	<b>1.42</b>	<b>10.71</b>	<b>9.82</b>	
<b>SD</b>		<b>1.27</b>	<b>0.95</b>	<b>1.21</b>	<b>0.18</b>	<b>0.66</b>	<b>1.58</b>	<b>0.81</b>	
		<b>Natural enemies</b>							
<i>Araeus diadematus</i> (Araenidae)		1.94[0.03] (6.12)	1.30[0.01] (6.54)	1.61[0.04] (5.33)	2.37[0.05] (8.74)	0.81[0.01] (2.39)	0.97[0.02] (5.00)	<b>1.44</b>	
<i>Enoplognatha</i> sp. (Araenidae)		1.14[0.07] (9.13)	0.23[0.03] (18.7)	0.87[0.05] (12.0)	2.31[0.13] (15.7)	0.18[0.01] (1.88)	0.76[0.04] (11.8)	<b>1.03</b>	

	<i>Coccinella undecimpunctata</i> (Coccinellidae)	1.07[0.02] (7.34)	0.41[0.11] (17.4)	0.58[0.00] (10.3)	0.81[0.03] (16.0)	0.34[0.00] (0.95)	0.62[0.01] (9.58)	<b>0.59</b>
	<i>Hippodamia variegata</i> (Coccinellidae)	1.87[0.03] (16.4)	0.61[0.22] (36.1)	0.08[0.00] (22.4)	2.06[0.05] (31.8)	0.66[0.02] (2.84)	0.23[0.02] (21.4)	<b>0.76</b>
	<i>Zicrona caerulea</i> (Pentatomidae)	0.93[0.01] (1.94)	0.06[0.13] (1.3)	0.15[0.01] (1.60)	2.02[0.02] (2.37)	0.25[0.00] (0.80)	0.67[0.01] (0.97)	<b>0.77</b>
	<b>Mean</b>	<b>1.39</b>	<b>0.52</b>	<b>0.66</b>	<b>1.91</b>	<b>0.45</b>	<b>0.65</b>	<b>0.92</b>
	<b>SD</b>	<b>3.86</b>	<b>7.93</b>	<b>4.80</b>	<b>7.98</b>	<b>0.61</b>	<b>4.54</b>	<b>0.18</b>
	<b>Flea Beetle</b>	<b>Brinjal</b>	<b>Brinjal</b>	<b>Marigold (Buffer)</b>	<b>Buckwheat (intercrop)</b>	<b>Nettle (border)</b>	<b>Dill (Perimeter)</b>	
	<i>P. striolata</i>	9.08[0.18] (17.5)	18.46[0.37] (25.4)	9.66[0.20] (18.1)	13.32[0.27] (21.4)	1.28[0.03] (6.48)	9.77[0.16] (18.2)	<b>8.51</b>
	<i>A. himensis</i>	9.63[0.19] (18.0)	18.16[0.37] (25.2)	8.10[0.16] (16.5)	12.06[0.24] (20.3)	1.27[0.03] (6.47)	7.89[0.13] (16.3)	<b>7.33</b>
	<b>Mean</b>	<b>9.36</b>	<b>18.31</b>	<b>8.88</b>	<b>12.69</b>	<b>1.28</b>	<b>8.83</b>	<b>7.92</b>
	<b>SD</b>	<b>0.39</b>	<b>0.21</b>	<b>1.10</b>	<b>0.89</b>	<b>0.01</b>	<b>1.33</b>	<b>0.83</b>
Treatment III	<b>Natural enemies</b>							
	<i>Linyphia triangularis</i> (Araenidae)	0.80[0.03] (5.13)	0.53[0.01] (4.15)	1.16[0.02] (6.18)	1.94[0.05] (8.00)	1.10[0.02] (6.02)	0.84[0.02] (5.25)	<b>1.26</b>
	<i>Adalia tetraspolita</i> (Coccinellidae)	0.16[0.04] (2.29)	0.17[0.01] (2.32)	0.49[0.03] (3.99)	1.49[0.12] (7.01)	0.08[0.00] (1.62)	0.33[0.02] (3.29)	<b>0.60</b>
	<i>Hippodamia eucharis</i> (Coccinellidae)	0.37[0.02] (3.48)	0.32[0.02] (3.24)	0.27[0.01] (2.97)	0.59[0.02] (4.38)	0.01[0.00] (0.40)	0.16[0.00] (2.29)	<b>0.26</b>
	<i>Chrysoperla carnea</i> (Chrysopidae)	0.75[0.03] (4.95)	0.72[0.01] (4.86)	0.16[0.00] (2.29)	1.17[0.03] (6.19)	0.01[0.00] (0.40)	0.32[0.01] (3.21)	<b>0.42</b>
	<i>Zicrona caerulea</i> (Pentatomidae)	0.90[0.02] (5.42)	0.75[0.02] (4.96)	0.51[0.01] (4.07)	1.34[0.04] (6.64)	0.79[0.02] (5.09)	0.86[0.01] (5.30)	<b>0.88</b>
	<b>Mean</b>	<b>0.60</b>	<b>0.50</b>	<b>0.52</b>	<b>1.31</b>	<b>0.40</b>	<b>0.50</b>	<b>0.68</b>
	<b>SD</b>	<b>0.32</b>	<b>0.25</b>	<b>0.39</b>	<b>0.49</b>	<b>0.51</b>	<b>0.32</b>	<b>0.40</b>
	<b>SEm±</b>	<b>0.48</b>	<b>0.30</b>	<b>0.51</b>	<b>0.63</b>	<b>0.40</b>	<b>0.62</b>	
	<b>CD or LSD</b>	<b>1.49</b>	<b>0.93</b>	<b>1.57</b>	<b>1.96</b>	<b>1.24</b>	<b>1.92</b>	
<b>F-Test (p=0.05)</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>		
<b>CV%</b>	<b>26.59</b>	<b>9.27</b>	<b>23.92</b>	<b>19.66</b>	<b>69.41</b>	<b>30.72</b>		
Figures within parentheses are arc sine transformed values and with Sq. brackets are Standard Deviation								