<table>
<thead>
<tr>
<th>Table No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chemical composition of Fog’s Medium.</td>
</tr>
<tr>
<td>2</td>
<td>Chemical composition of <em>Chlorella</em> Medium.</td>
</tr>
<tr>
<td>3</td>
<td>Chemical composition of Hoagland Media.</td>
</tr>
<tr>
<td>4</td>
<td>Physicochemical Parameters of Experimental Pond.</td>
</tr>
<tr>
<td>5</td>
<td>Phytoplankton of Experimental Pond.</td>
</tr>
<tr>
<td>6</td>
<td>Effect of Dimethoate on Phytoplankton Primary Productivity and Community Respiration (mg m³/hr).</td>
</tr>
<tr>
<td>7</td>
<td>Average, Variance and ANOVA of Dimethoate Toxicity on Primary Productivity and Community Respiration.</td>
</tr>
<tr>
<td>8</td>
<td>Karl Pearson’s Correlation: Comparison of Productivity and Respiration.</td>
</tr>
<tr>
<td>9</td>
<td>Effect of Endosulfan on Phytoplankton Primary Productivity and Community Respiration (mg c/m³/hr).</td>
</tr>
<tr>
<td>10</td>
<td>Average, Variance and ANOVA of Endosulfan Toxicity on Primary Productivity and Community Respiration.</td>
</tr>
<tr>
<td>11</td>
<td>Karl Pearson’s Correlation: Comparison of Productivity and Respiration.</td>
</tr>
<tr>
<td>12</td>
<td>Effect of Binary Combination of Pesticides on Phytoplankton Primary Productivity and Community Respiration (mg c/m³/hr).</td>
</tr>
</tbody>
</table>
13. Average, Variance and ANOVA of Dimethoate and Endosulfan toxicity on Primary Productivity and Community Respiration.


15. Physico-chemical effect of Dimethoate on culture media of *Anabaena ambigua*.

16. Physico-chemical effect of Endosulfan on culture media of *Anabaena ambigua*.

17. Physico-chemical effect of Binary combination Dimethoate and Endosulfan on culture media of *Anabaena ambigua*.

18. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Anabaena ambigua* grown in presence of Dimethoate in growth medium (Fog’s Medium).

19. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Anabaena ambigua* grown in presence of Endosulfan in growth Medium (Fog’s Medium).

20. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Anabaena ambigua* grown in presence of Binary Combination (Dimethoate and Endosulfan) in growth medium (Fog’s Medium).

22. Biochemical effect of Endosulfan on *Anabaena ambiguа*.

23. Biochemical effect of Binary Combination Dimethoate and Endosulfan on *Anabaena ambiguа*.

24. 3-way ANOVA with two factor interaction for the effect of Dimethoate on Biochemical Parameters on *Anabaena ambiguа*.

25. 3-way ANOVA with two factor interaction for the effect of Endosulfan on Biochemical Parameters on *Anabaena ambiguа*.

26. 3-way ANOVA with two factor interaction for the effect of Binary Combination of Dimethoate and Endosulfan on Biochemical Parameters on *Anabaena ambiguа*.

27. Physico-chemical effect of Dimethoate on culture media of *Chlorella pyrenoidosa*.

28. Physico-chemical effect of Endosulfan on culture media of *Chlorella pyrenoidosa*.

29. Physico-chemical effect of Binary Combination of Dimethoate and Endosulfan on culture media of *Chlorella pyrenoidosa*.

30. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Chlorella pyrenoidosa* grown in presence of Dimethoate in growth medium (*Chlorella Medium*).
31. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Chlorella pyrenoidosa* grown in presence of Endosulfan in growth medium (*Chlorella Medium*).

32. Analysis of Variance of Regression lines of OD on pH, EC and TDS on *Chlorella pyrenoidosa* grown in presence of Binary Combination of Dimethoate and Endosulfan in growth medium (*Chlorella Medium*).

33. Biochemical effect of Dimethoate on *Chlorella pyrenoidosa*.

34. Biochemical effect of Endosulfan on *Chlorella pyrenoidosa*.

35. Bio-chemical effect of Binary Combination of Dimethoate and Endosulfan on *Chlorella pyrenoidosa*.

36. 3-way ANOVA with two factor interaction for the effect of Dimethoate on Biochemical Parameters of *Chlorella pyrenoidosa*.

37. 3-way ANOVA with two factor interaction for the effect of Endosulfan on Biochemical Parameters of *Chlorella pyrenoidosa*.

38. 3-way ANOVA with two factor interaction for the effect of Binary Combination of Dimethoate and Endosulfan on Biochemical Parameters of *Chlorella pyrenoidosa*. 
39. Morphological changes observed after 12 days in *Salvinia molesta* exposed to Dimethoate, Endosulfan and Binary Combination of Pesticides.

40. Effect of Dimethoate on morphology of *Salvinia molesta*.

41. Effect of Dimethoate on morphometric assay (Root length) of 2-way ANOVA on *Salvinia molesta*.

42. Effect of Dimethoate on morphometric assay (Leaf size) of 3 way ANOVA with 2 factor interaction on *Salvinia molesta*.

43. Effect of Endosulfan on morphology of *Salvinia molesta*.

44. Effect of Endosulfan on morphometric assay (Root length) of 2-way ANOVA on *Salvinia molesta*.

45. Effect of Endosulfan on morphometric assay (Leaf size) of 3 way ANOVA with 2 factor interaction on *Salvinia molesta*.

46. Effect of Binary Combination of Dimethoate and Endosulfan on morphology of *Salvinia molesta*.

47. Effect of Binary Combination of Pesticides on morphometric assay (Root length) of 2-way ANOVA on *Salvinia molesta*.

48. Effect of Binary Combination of Pesticides on morphometric assay (Leaf size) of 3 way ANOVA with 2 factor interaction on *Salvinia molesta*.
49. Biochemical effect of Dimethoate on *Salvinia molesta*

50. Biochemical effect of Endosulfan on *Salvinia molesta*

51. Biochemical effect of Binary Combination of Dimethoate and Endosulfan on *Salvinia molesta*

52. 3-way ANOVA with 2 factor interaction for the effect of Dimethoate on Biochemical Parameters of *Salvinia molesta*

53. 3-way ANOVA with 2 factor interaction for the effect of Endosulfan on Biochemical Parameters of *Salvinia molesta*

54. 3-way ANOVA with 2 factor interaction for the effect of Binary Combination of Pesticides on Biochemical Parameters of *Salvinia molesta*

55. Morphological changes observed after 12 days in *Spirodela polyrhiza* exposed to Dimethoate, Endosulfan and Binary Combination of Pesticides.

56. Effect of Dimethoate on morphology of *Spirodela polyrhiza*

57. Effect of Dimethoate on morphometric assay (Root length) of 2-way ANOVA on *Spirodela polyrhiza*

58. Effect of Dimethoate on morphometric assay (Leaf size) of 3 way ANOVA with 2 factor interaction on *Spirodela polyrhiza*
59. Effect of Endosulfan on morphology of *Spirodela polyrhiza*

60. Effect of Endosulfan on morphometric assay (Root length) of 2-way ANOVA on *Spirodela polyrhiza*

61. Effect of Endosulfan on morphometric assay (Leaf size) of 3-way ANOVA with 2 factor interaction on *Spirodela polyrhiza*

62. Effect of Binary Combination of Pesticides on morphology of *Spirodela polyrhiza*

63. Effect of Binary Combination of pesticides on morphometric assay (Root length) of 2-way ANOVA on *Spirodela polyrhiza*

64. Effect of Binary Combination of Pesticides on morphometric assay (Leaf size) of 3-way ANOVA with 2 factor interaction on *Spirodela polyrhiza*

65. Biochemical effect of Dimethoate on *spirodela polyrhiza* (L) Schleid

66. Biochemical effect of Endosulfan on *spirodela polyrhiza* (L) Schleid

67. Biochemical effect of Binary Combination of Dimethoate and Endosulfan on *spirodela polyrhiza* (L) Schleid

68. 3-way ANOVA with 2 factor interaction for the effect of Dimethoate on Biochemical Parameters of *Spirodela polyrhiza* (L) Schleid
69. 3-way ANOVA with 2 factor interaction for the effect of Endosulfan on Biochemical Parameters of Spirodela polyrhiza (L) Schleid

70. 3-way ANOVA with 2 factor interaction for the effect of Binary Combination of Pesticide on Biochemical Parameters of Spirodela polyrhiza (L) Schleid

71. HPLC profile of pesticides

72. Peak area of technical Pesticides of Dimethoate and Endosulfan in different concentrations

73. Accumulation of Dimethoate and Endosulfan in Salvinia molesta Mitchell

74. Accumulation of Dimethoate and Endosulfan in Spirodela polyrhiza (L) Schleid

75. Average consumption of Pesticides in selected countries of world.

76. General characteristics of synthetic insecticides

77. Physical and chemical properties of pesticides.