MitAgator Risk Maps

Farm Name: Meadowvale Ltd
Date Completed: Thursday 8 August 2019
Farm Sustainability Services Contact: jhollever
Risk map Classification: Natural breaks

Definition - Natural breaks groups similar values and best maximizes the differences between classes.

<table>
<thead>
<tr>
<th>Load Loss (kg/ha/yr)</th>
<th>Total load (kg/yr)</th>
<th>Total loss rate (kg/ha/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15,231.00</td>
<td>39.07</td>
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</tbody>
</table>

- The high nitrogen (N) risk areas on farm are illustrated by the pink areas on the map. The high N risk area on farm contributes to 28.1% of the total N load. The high N risk ranges from 46.8 kg N/ha/yr – 174.6 kg N/ha/yr.

- The medium risk areas on farm are illustrated by the green area on the map. The medium risk area on farm contributes to 28.9% of the total N load.

- The low N risk areas on farm are illustrated by the light and darker blue areas. The low N risk area on farm contributes to 43.0% of the total N load. The low N risk ranges from 2.4 kg N/ha/yr – 35.7 kg N/ha/yr.
The high phosphorous (P) risk areas on farm are illustrated by the pink area on the map. The high P risk area on farm contributes to 21.6% of the total P load. The high P risk ranges from 1.64 kg P/ha/yr – 4.07 kg P/ha/yr.

- The medium risk areas on farm are illustrated by the green area on the map. The medium risk area on farm contributes to 24.12% of the total P load.

- The low P risk areas on farm are illustrated by the light and darker blue areas. The low P risk area on farm contributes to 54.3% of the total P load. The low P risk ranges from 0.02 kg P/ha/yr – 1.02 kg P/ha/yr.
The high sediment risk areas on farm are illustrated by the pink area on the map. The high sediment risk area on farm contributes to 66.9% of the total sediment load. The high sediment risk ranges from 122 kg/ha/yr – 380 kg/ha/yr.

The medium risk areas on farm are illustrated by the green area on the map. The medium risk area on farm contributes to 9.25% of the total sediment load.

The low sediment risk areas on farm are illustrated by the light and darker blue areas. The low sediment risk area on farm contributes to 23.9% of the total sediment load. The low sediment risk ranges from 0 kg/ha/yr – 55 kg/ha/yr.
The E. coli risk across the whole farm is ‘Low Risk’.

The E.coli risk is reported for pastoral blocks only, however grazed crop paddocks may present a risk if there is surface runoff to waterways or if stock have direct access to waterways.