# Croptions Score Card – Year 1

## Year 1

<table>
<thead>
<tr>
<th></th>
<th>Woodlot</th>
<th>Corn</th>
<th>Tomatoes</th>
<th>Blueberries</th>
<th>Pasture dairy cows</th>
<th>Riparian buffer strip</th>
<th>Floral buffer strip</th>
<th>Honey bee hives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price per unit</td>
<td>$0</td>
<td>$100</td>
<td>$300</td>
<td>$500</td>
<td>$1,000</td>
<td>$100</td>
<td>$100</td>
<td>$200</td>
<td></td>
</tr>
<tr>
<td>No. of units I bought</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I paid</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Year 1 Profits

|                     | $100    | $400 | $500     | $800         | $2,000             | $0                    | $0                  | $100           |       |

...if I have at least 1 bee hive touching that unit, I also get:

| Profit before costs | $250    | $400 |          |             |                    |                       |                    |                |       |

## Year 1 Climate Costs

**Climate Cost Rates:**

|                     |         |      |          |             |                    |                       |                    |                |       |

## Year 1 Pest/Disease Costs

**Pest/Disease Cost Rates:**

|                     |         |      |          |             |                    |                       |                    |                |       |

## Year 1 Column Sub-Totals

(total of all dashed outline boxes in each column)

## Year 1 End Game Penalties

(笔alties for downstream nitrogen pollution)

- **For units without Riparian Buffer**
  - 20% - 10% - 50%
- **For units with Riparian Buffer**
  - 10% - 5% - 30%

**Penalty total**

(column sub-total x % penalty)

|                     |         |      |          |             |                    |                       |                    |                |       |

**New column sub-total**

(subtract penalty where applicable)

|                     |         |      |          |             |                    |                       |                    |                |       |

**Year 1 Grand Total**

$2,000 - subtotal = $
# CROPTIONS Score Card – Year 2

**Year 2 - stay the same or change it up?**

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Woodlot</th>
<th>Corn</th>
<th>Tomatoes</th>
<th>Blueberries</th>
<th>Dairy Cows</th>
<th>Riparian Buffer Strip</th>
<th>Floral Buffer Strip</th>
<th>Honey Bee Hives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price per unit</td>
<td>$0</td>
<td>$100</td>
<td>$300</td>
<td>$500</td>
<td>$1,000</td>
<td>$100</td>
<td>$100</td>
<td>$200</td>
<td></td>
</tr>
<tr>
<td>No. of units I bought</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I paid</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total no. units I have</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Year 2 Profits

- Profit per unit: $100, $400, $500, $800, $2,000, $0, $0, $100
- ...if I have at least 1 bee hive touching that unit, I also get $250, $400

## Year 2 Climate Costs

- Climate Cost Rates
- Climate Costs Sub-total: (cost x no. of units)

## Year 2 Pest/Disease Costs

- Pest/Disease Cost Rates
- Pests/Disease Costs Sub-total: (cost x no. of units)

## Year 2 Column Sub-Totals

- Red cell - profit - costs

## Year 2 End Game Penalties

- (Penalties for downstream nitrogen pollution)
  - For units without Riparian Buffer: -20%, -10%, -50%
  - For units with Riparian Buffer: -10%, -5%, -30%
  - Penalty Total: (column sub-total x % penalty)
  - New Column Sub-total: (subtract penalty where applicable)

## Year 2 Grand Total

- (Year 1 total) - subtotal = $

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