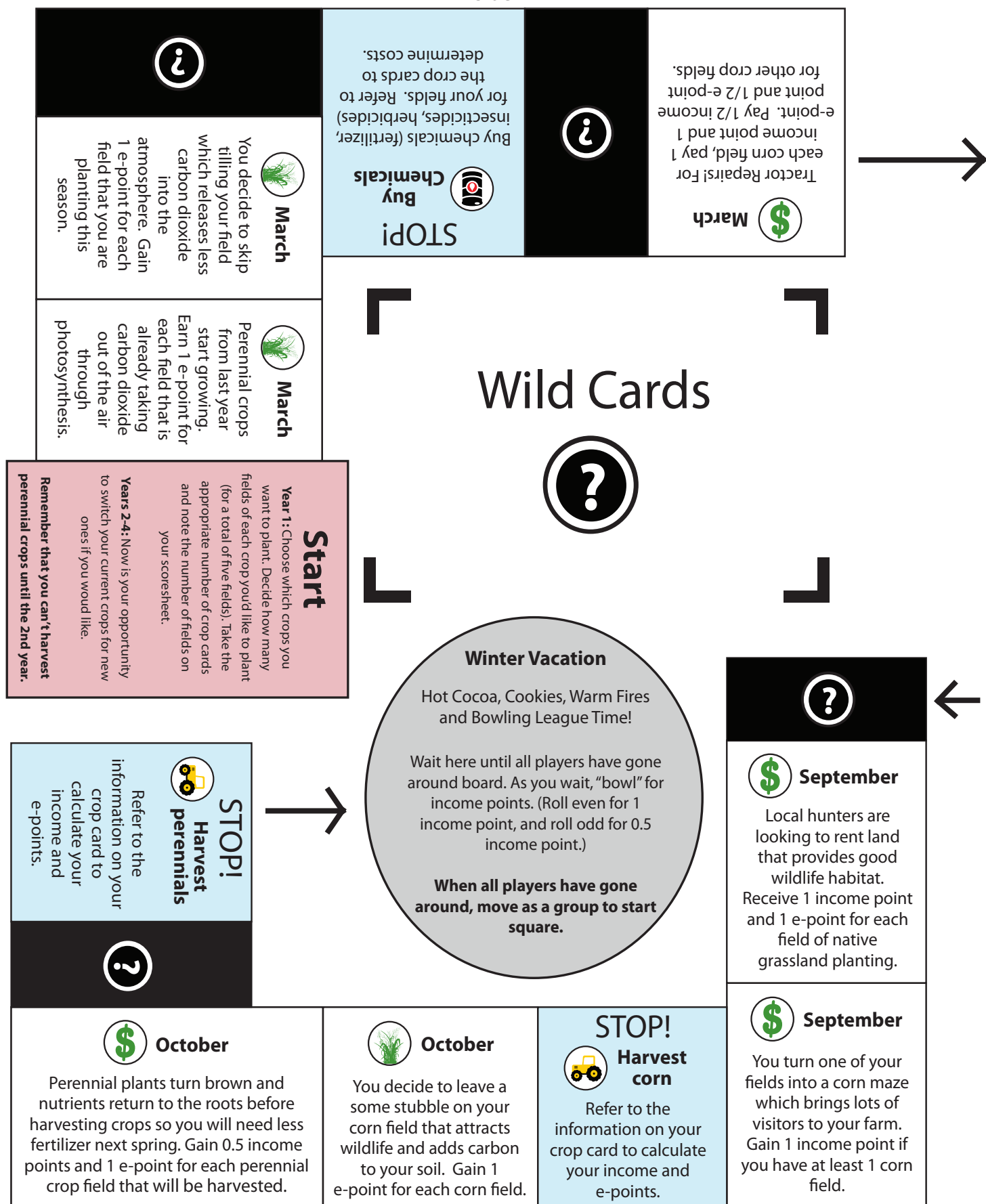


Side A



Side B

<p>STOP!</p> <p>Plant your fields</p> <p>Refer to your crop cards to determine costs. Remember that perennial crop costs change after the first year.</p>	<p>April</p> <p>For each of your fields that you didn't have to plant this season, gain 1 income point because you had extra time to plant a vegetable garden to sell vegetables at the farmers market.</p>	<p>May</p> <p>Bees are buzzing! If you have grassy fields next to your orchard, they pollinate the flowers. Gain 2 income points for the apples and 2 e-points for providing habitat.</p>	<p>May</p> <p>Heavy rains hit after spraying pesticides. Lose 1 e-point for each corn field and 0.5 e-points for each other field because the chemicals have leached into the soil.</p>	<p>Flood</p> <p>Rain, rain, go away! Your fields are under water. Refer to your crop cards to assess the flood damage.</p>	<p>May</p> <p>A late frost damages young corn and miscanthus plants. Lose 0.5 income and 0.5 e-points for each field of these crops.</p>	<p>June</p> <p>You have a week of soaking rains followed by a week of sun. Your crops flourish. Gain 3 income and 3 e-points.</p>	<p>Grass Pest Infestation</p> <p>A insect pest is munching your grassy crops! Refer to your crop cards to assess the impacts.</p>	<p>July</p> <p>It is a dry summer and your corn crops need more water. Lose 0.5 income and 0.5 e-points per corn field for the extra watering.</p>	<p>July</p> <p>A new pest appears on your farm. Luckily, a predatory wasp is found in switchgrass and native grassland. Gain 1 income and e-point for each of these crop fields. For other fields, pay 1 income and e-point for spraying pesticides.</p>
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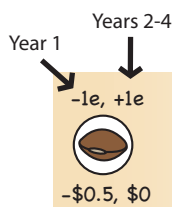


The Bioenergy Farm Game

CARD KEY

- Chemical
- Planting
- Harvest
- Drought
- Flood
- Corn/Grass Pest

INTERPRETING CARDS



Example: If you land on a "Planting" space, refer to your crop card to determine how many Income (\$) pints or environment (e) points you gain or lose for year 1 or years 2-4.

For the example at left, you lose 1 environment point in year 1, but gain 1 e-point in years 2-4.

<p>September</p> <p>It is a beautiful, sunny, early fall day. Gain 2 e-points and 1 income point because your crops are taking carbon dioxide out of the atmosphere through photosynthesis.</p>	<p>Drought</p> <p>No rain for months! Refer to your crop cards to assess how the drought affects your farm.</p>	<p>August</p> <p>Heavy rains! For each grassy crop fields by the stream, gain 2 e-points for preventing runoff. For each corn field by the stream lose 2 e-points for soil erosion into the stream polluting the water.</p>	<p>August</p> <p>With high gas prices, biofuel refineries demand more bioenergy crops. Earn 3 income points.</p>	<p>Corn pest infestation</p> <p>Insect attack on your corn fields! Refer to your corn crop cards to assess the impacts on your farm.</p>
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