Subboreal coniferous forest

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tract size | **24,711** | acres | Initial inventory cost | **$ 1,000** | per tract |
| Year 1 carbon sequestration rate | **111.67** | tonnes CO2e/ac/yr | Management plan cost | **$ 1,000** | per tract |
| Sequestration rate is… | **Constant** |  | Certification cost | **$ 0** | per tract |
| Carbon reserve pool factor | **20%** |  | Other up-front costs | **$ 0** | per tract |
| Initial carbon price | **$ 3.50** | per tonne CO2e | Contract year (year that up-front costs occur) | **10** | (counter year) |
| Carbon price is… | **Constant** |  | Ending inventory cost | **$ 250** | per tract |
| Aggregator's fee | **10%** |  | Other end-of-project costs | **$ -** | per tract |
| Verification fee | **$ 0.25** | per tonne CO2e | Hurdle rate | **5.0%** |  |
| Annual re-certification cost | **$ -** | per tract | Finance rate | **5.0%** |  |
| Trading fee | **$ 0.20** | per tonne CO2e | Count pre-contract carbon? | **No** |  |
| Other annual costs | **$ -** | per acre | End-of-project year | **2122** |  |
| Up-front costs sensitivity factor | **0%** |  |  |  |  |
| Annual costs sensitivity factor | **0%** |  | Total up-front costs | **$ 2,000** | per tract |
| End-of-project costs sensitivity factor | **0%** |  | Total end-of-project costs | **$ 250** | per tract |

|  |  |
| --- | --- |
| **Average cost of trading:** | **(0.76)** |
| **Net trading benefit:** | **$ 2.57** |

Subtropical evergreen broad-leaved forest

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| --- | --- | --- | --- | --- | --- | --- |
| Tract size | **24,711** | acres | Initial inventory cost | | **$ 1,000** | per tract |
| Year 1 carbon sequestration rate | **338.65** | tonnes CO2e/ac/yr | Management plan cost | | **$ 1,000** | per tract |
| Sequestration rate is… | **Constant** |  | Certification cost | | **$ -** | per tract |
| Carbon reserve pool factor | **20%** |  | Other up-front costs | | **$ -** | per tract |
| Initial carbon price | **$ 3.50** | per tonne CO2e | Contract year (year that up-front costs occur) | | **6** | (counter year) |
| Carbon price is… | **Constant** |  | Ending inventory cost | | **$ 250** | per tract |
| Aggregator's fee | **10%** |  | Other end-of-project costs | | **$ -** | per tract |
| Verification fee | **$ 0.25** | per tonne CO2e | Hurdle rate | | **5.0%** |  |
| Annual re-certification cost | **$ -** | per tract | Finance rate | | **5.0%** |  |
| Trading fee | **$ 0.20** | per tonne CO2e | Count pre-contract carbon? | | **No** |  |
| Other annual costs | **$ -** | per acre | End-of-project year | | **2122** |  |
| Up-front costs sensitivity factor | **0%** |  |  | |  |  |
| Annual costs sensitivity factor | **0%** |  | Total up-front costs | | **$ 2,000** | per tract |
| End-of-project costs sensitivity factor | **0%** |  | Total end-of-project costs | | **$ 250** | per tract |
| **Average cost of trading:** | | | | **(1.36)** | | |
| **Net trading benefit:** | | | | **$ 5.83** | | |

IRR=21.0%

**theropencedrymion**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tract size | **24,711** | acres | Initial inventory cost | | **$ 1,000** | per tract |
| Year 1 carbon sequestration rate | **201.21** | tonnes CO2e/ac/yr | Management plan cost | | **$ 1,000** | per tract |
| Sequestration rate is… | **Constant** |  | Certification cost | | **$ -** | per tract |
| Carbon reserve pool factor | **20%** |  | Other up-front costs | | **$ -** | per tract |
| Initial carbon price | **$ 3.50** | per tonne CO2e | Contract year (year that up-front costs occur) | | **6** | (counter year) |
| Carbon price is… | **Constant** |  | Ending inventory cost | | **$ 250** | per tract |
| Aggregator's fee | **10%** |  | Other end-of-project costs | | **$ -** | per tract |
| Verification fee | **$ 0.25** | per tonne CO2e | Hurdle rate | | **5.0%** |  |
| Annual re-certification cost | **$ -** | per tract | Finance rate | | **5.0%** |  |
| Trading fee | **$ 0.20** | per tonne CO2e | Count pre-contract carbon? | | **No** |  |
| Other annual costs | **$ -** | per acre | End-of-project year | | **2122** |  |
| Up-front costs sensitivity factor | **0%** |  |  | |  |  |
| Annual costs sensitivity factor | **0%** |  | Total up-front costs | | **$ 2,000** | per tract |
| End-of-project costs sensitivity factor | **0%** |  | Total end-of-project costs | | **$ 250** | per tract |
| **Average cost of trading:** | | | | **(0.957)** | | |
| **Net trading benefit:** | | | | **$ 4.33** | | |

IRR=15.6%

Boreal forest

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tract size | **24,711** | acres | Initial inventory cost | | **$ 1,000** | per tract |
| Year 1 carbon sequestration rate | **65.3** | tonnes CO2e/ac/yr | Management plan cost | | **$ 1,000** | per tract |
| Sequestration rate is… | **Constant** |  | Certification cost | | **$ -** | per tract |
| Carbon reserve pool factor | **20%** |  | Other up-front costs | | **$ -** | per tract |
| Initial carbon price | **$ 3.50** | per tonne CO2e | Contract year (year that up-front costs occur) | | **6** | (counter year) |
| Carbon price is… | **Constant** |  | Ending inventory cost | | **$ 250** | per tract |
| Aggregator's fee | **10%** |  | Other end-of-project costs | | **$ -** | per tract |
| Verification fee | **$ 0.25** | per tonne CO2e | Hurdle rate | | **5.0%** |  |
| Annual re-certification cost | **$ -** | per tract | Finance rate | | **5.0%** |  |
| Trading fee | **$ 0.20** | per tonne CO2e | Count pre-contract carbon? | | **No** |  |
| Other annual costs | **$ -** | per acre | End-of-project year | | **2122** |  |
| Up-front costs sensitivity factor | **0%** |  |  | |  |  |
| Annual costs sensitivity factor | **0%** |  | Total up-front costs | | **$ 2,000** | per tract |
| End-of-project costs sensitivity factor | **0%** |  | Total end-of-project costs | | **$ 250** | per tract |
| **Average cost of trading:** | | | | **0.325** | | |
| **Net trading benefit:** | | | | **$ 0.97** | | |

IRR=9.8%