Table 29. Production costs for soybean and grain sorghum ($/oven dry ton) through the first four years of production on three study sites in the LMAV.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Calendar Year | Year of Production | Study Site | Cost ($/OD ton) | |
| Grain | Total (Grain + Residue) |
| 2009 (soybeans) | 1 | SREC | $1,196 | $401 |
| PTBES | $354 | $192 |
| SF | $4,488 | $225 |
| 2010 (grain sorghum) | 2 | SREC | $189 | $47 |
| PTBES | $789 | $71 |
| SF | $2,522 | $44 |
| 2011 (soybeans) | 3 | SREC | $422 | $166 |
| PTBES | $401 | $200 |
| SF | $2,155 | $430 |
| 2012 (soybeans) | 4 | SREC | $650 | $212 |
| PTBES | $389 | $163 |
| SF | $318 | $119 |

Table 30. Cost of cuttings, establishment activities, and maintenance activities for cottonwood established on three sites in the LMAV. All costs are brought forward to year 4 (2012) dollars at a 4% annual cost of capital.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Activity | ST-66 and S7C20 Cottonwood | | | MIXED Cottonwood | | |
| PTBES  $/ha | SREC  $/ha | SF  $/ha | PTBES  $/ha | SREC  $/ha | SF  $/ha |
| Cuttings | $1,021 | $1,021 | $1,021 | $346 | $346 | $346 |
| Establishment | $474 | $305 | $352 | $474 | $305 | $352 |
| Maintenance | $485 | $290 | $639 | $485 | $290 | $639 |
| TOTAL | $1,980 | $1,616 | $2,012 | $1,305 | $941 | $1,337 |

Table 31. Anticipated establishment and maintenance costs for cottonwoods from an established stool bed on three study sites in the LMAV.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | ST-66 and S7C20 Cottonwood | | | MIXED Cottonwood | | |
|  | PTBES  $/ha | SREC  $/ha | SF  $/ha | PTBES  $/ha | SREC  $/ha | SF  $/ha |
| Cuttings | $102 | $102 | $102 | $35 | $35 | $35 |
| Establishment | $270 | $186 | $67 | $270 | $186 | $67 |
| Maintenance | $32 | $135 | $130 | $32 | $135 | $130 |
| TOTAL | $404 | $423 | $299 | $337 | $356 | $232 |

Table 32. Production costs (on stump) for cottonwood through the first rotation on three sites in the LMAV.

|  |  |  |  |
| --- | --- | --- | --- |
| Study Site | ST-66  ($/OD ton) | S7C20  $/OD ton) | MIXED  ($/OD ton) |
| SREC | $140 | $130 | $65 |
| PTBES | $692 | $424 | $404 |
| SF | $914 | $688 | $399 |

Table 33. Production costs for switchgrass ($/oven dry ton) through the first three years of production on two sites in the LMAV (Rohwer site had no switchgrass established until 2012 and thus was excluded from the analysis).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CY | Year of Production | Pre-harvest ($/OD ton) | | Baled at site ($/OD ton) | |
| PTBES | SF | PTBES | SF |
| 2010 | 2 | $42 | $56 | $65 | $80 |
| 2011 | 3 | $13 | $26 | $36 | $50 |
| 2012 | 4 | $21 | $13 | $45 | $37 |