|  |  |  |  |
| --- | --- | --- | --- |
| HERBICIDES | Application Rate | $/g | Cost/ha |
| Stomp | 3000 | g/ha | 0.007 |  $ 21.00  |
| Syngenta Envoke | 14 | g/ha | 4.59 |  $ 64.26  |
| Clethodim | 750 | g/ha | 0.014 |  $ 10.50  |
| Tractor Cost $/ha/trip |   |  $ 19.76  | 3 |  $ 59.28  |
|   |   |   | Total |  $ 155.04  |
|   |   | % Reduction | 100% |   |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
| PESTIDICES/INSECTICIDES | Application Rate | $/g | Cost/ha |
| Abamectin | 400 | g/ha | 0.019 |  $ 7.60  |
|  Dimethoate | 600 | g/ha | 0.045 |  $ 27.00  |
| Imadacloprid + Beta Cyflurthin | 200 | g/ha | 0.022 |  $ 4.40  |
| Ememactin Benzoate | 400 | g/ha | 0.07 |  $ 28.00  |
| Tractor Cost $/ha/trip |   |  $ 19.76  | 4 |  $ 79.04  |
|   |   |   | Total |  $ 146.04  |
|   |   | 65% Reduction | 56% |  $ 81.78  |
|   |   |   |   |   |
|   |   |   | Conventional |  $ 301.08  |
|   |   |   | BEAM |  $ 81.78  |

Table S-4 Herbicide and Pesticide/Insecticide cost estimates comparing a biologically enhanced agricultural management approach to a conventional approach.