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| **Supplemental Table 1.** Crop management inputs and costs used in partial budget analysis. | | |
| **Input** | **Rate(s)** | **Cost** |
| *Herbicides* |  |  |
| glyphosate | 1.26 kg ae ha-1 | $12.70 ha-1 |
| 2,4-D ester | 0.56 kg ae ha-1 | $5.45 ha-1 |
| *s*-metolachlor | 1.7 kg ai ha‑1 | $54.75 ha-1 |
| mesotrione | 0.18 kg ai ha-1 | $46.38 ha-1 |
| flumetsulam | 56 g ai ha-1 | $31.25 ha-1 |
| glufosinate | 0.59 kg ai ha-1 | $43.25 ha-1 |
| *Cover crops* |  |  |
| cereal rye | 34 - 135 kg ha-1 | $22.44 – 89.10 ha-1 |
| crimson clover | 22 kg ha-1 | $26.40 ha-1 |
| hairy vetch | 34 kg ha-1 | $136 ha-1 |
| *Field operations* |  |  |
| sprayer (tractor towed) | per pass | $38.33 ha-1 |
| grain drill | per pass | $16.80 ha-1 |