

Table 3. Nitrogen Rate Effect on Organic Rice Production Following Fallow.

| Nitrogen rate (kg/ha) | Rough rice yield (kg/ha) | Milling yield (%) | Panicles per hectare | Spikelets per panicle | Filled grain per panicle | Percentage of filled grain (%) | 1,000 grain weight (g) | Harvest index |
|-----------------------|--------------------------|-------------------|----------------------|-----------------------|--------------------------|--------------------------------|------------------------|---------------|
| 0 | 7998 | 65 | 3,208,667 | 101 | 82 | 82 | 27 | 0.49 |
| 150 | 8315 | 65 | 3,475,202 | 94 | 79 | 84 | 27 | 0.50 |
| 90+60* | 8755 | 66 | 3,587,967 | 98 | 83 | 85 | 28 | 0.53 |

*Nitrogen was applied in a two way split with 90 and 60 kg N/ha applied at planting and panicle initiation, respectively.