

## Dairy

We milk 150 cows. The cows are dairy ranches for the first 3 months after parturition and then the calves are removed onto grazing and supplemented with concentrates and hay. Milk production is low, averaging 2,500-3,000 kg/305 days because the quality of grazing is poor. The cows are supplemented with small amounts of concentrates at milking time. It is reported by smallholders that when we sell on a cow to a zero-grazing system where they are feeding more concentrates and Napier Grass (*Pennisetum purpureum*) they are achieving more than 50% increases in yield. Unfortunately, maintaining Napier Grass on a large enough scale for us is too expensive as it is labour intensive and our arable land is more productive under sugarcane than under livestock, so the livestock have to graze where it is steep and rocky.