

Table 6. Artificial insemination, costs of recording activity and provided output

Country	Total born calves	Calves born from AI	No. AI sires	Cost and staff	Output
Bulgaria	340	120	4	55 kg milk; 100% paid by the farmer	Monthly report: for each buffalo: parity, milk yield, fat %, 305 days yield, no. services/conception, days open, herd average ; breeding values
Egypt	1,300	-		6 kg milk; if herd size > 50 head, herd owner pays full cost; government pays for small herds. Governmental staff	Monthly report: for each buffalo: parity, milk yield, fat %, 305 days yield, no. services/conception, days open, herd average For each herd: animals to be inseminated; to be checked for pregnancy; to be dried off; problem animals.
Greece	18	-	-	42 kg milk; the government pays the full cost. Governmental staff	
Gujarat	1,262	1,262	43	Farmers through cooperative	
Iran	5,000	270	34	11.6 kg milk; all costs are supported by the government. Governmental staff	Monthly: last event, productive/reproductive parameters, lactation-pedigree certificate, culling/replacement animals, net income/year, age grouping. Yearly, quarterly, biannual: list of best/worse buffaloes in herd, town, city and province. Regional reports: culling frequency, dystocia, calving conditions, milk productivity, reproductive patterns. For pedigreed animals: Milk LSM or BV.

Table 6. (continue)

Country	Total born calves	Calves born from AI	No. AI sires	Cost and staff	Output
Italy	22,445	885	35	30 kg milk; 80% supported by the government. Staff appointed by farmers cooperative	Monthly report: for each buffalo: parity, milk yield, fat %, 270 days yield, no. services/conception, days open, herd average For each herd: animals to be inseminated; to be checked for pregnancy; to be dried off; problem animals.
Nepal				30 US\$; development project (UK). Governmental staff	Advice to farmers; feed supplements; vaccination; milk production of each herd and village for comparison.
Pakistan (Punjab)	543	380	40	Government	-
Syria		-		10 kg milk; all supported by government. Governmental staff	No output yet
Turkey		-		Research staff	Calving date, daily milk yield at test day, 305-day milk yield
United Kingdom	300	2	2		