

APPENDIX

DATA FOR LOCAL BREEDS

Sample No.	Milk production(litter)	Age of puberty(month)	Gestation period(day)	Calving interval(month)
01	2.5	25	275	17
02	2.3	23	277	19
03	2.6	23	271	15
04	3.0	24	285	16
05	3.2	23	287	19
06	3.4	30	283	20
07	3.2	35	280	22
08	1.5	33	280	25
09	1.7	25	287	21
10	1.8	25	282	18
11	1.9	27	283	20
12	2.0	29	279	23
13	2.7	30	271	24
14	2.8	38	275	25
15	2.5	37	279	19
16	2.5	38	280	20
17	1.5	23	281	21
18	1.9	27	283	17
19	2.5	35	286	19
20	2.5	37	275	23
21	2.6	40	279	25
22	3.2	33	280	18
23	3.1	23	283	19
24	3.5	25	285	22
25	3.3	27	280	21
Total	63.7	735	7006	508
Mean	2.54	29.4	280.24	20.32

DATA FOR (LOCAL+HOLSTEIN FRIESIAN)

Sample No.	Milk production(liter)	Age of puberty(month)	Gestation period(day)	Calving interval(m onth)
01	7.5	18	273	17
02	7.8	19	282	13
03	8.0	21	285	15
04	14.5	25	287	17
05	14.2	27	283	19
06	13.5	19	281	20
07	13.0	25	280	21
08	12.5	30	279	13
09	14.0	33	270	20
10	10.0	35	273	21
11	11.0	17	271	14
12	11.5	19	285	15
13	12.0	20	287	17
14	9.5	35	283	16
15	10.0	34	280	19
16	11.5	35	289	22
17	7.8	20	280	20
18	7.9	21	289	18
19	8.5	23	283	18
20	8.6	27	279	19
21	10.5	24	275	14
22	8.7	19	285	15
23	8.8	27	282	16
24	11.5	28	281	13
25	10.5	22	280	17
Total	263.3	625	7022	429
Mean	10.53	25	280.88	17.16

DATA FOR (LOCAL+SAHIWAL)

Sample No.	Milk production(liter)	Age of puberty(month)	Gestation period(day)	Calving interval(month)
01	4.7	25	278	20
02	4.9	22	275	25
03	4.5	26	272	23
04	5.0	27	275	21
05	5.6	20	282	24
06	5.8	34	283	19
07	5.6	36	285	20
08	6.0	33	279	25
09	7.8	38	280	23
10	4.5	37	288	22
11	8.0	30	289	24
12	7.5	31	285	25
13	5.7	22	283	17
14	5.9	27	275	19
15	6.5	28	280	20
16	7.5	27	285	23
17	7.8	25	279	18
18	7.3	37	283	19
19	7.8	38	282	24
20	7.2	35	285	25
21	7.5	32	280	21
22	7.3	25	285	20
23	4.5	24	283	19
24	6.5	34	283	19
25	6.8	27	280	25
Total	158.2	740	7088	540
Mean	6.33	29.6	281.76	21.6

DATA FOR (SAHIWAL+HOLSTEIN FRIESIN)

Sample No.	Milk production(litter)	Age of puberty(month)	Gestation period(day)	Calving interval (month)
01	12.5	19	279	15
02	14.5	20	275	17
03	13.5	23	277	18
04	12.5	25	285	14
05	17.5	27	287	20
06	17.0	30	280	15
07	14.5	28	281	16
08	18.0	35	283	18
09	17.0	33	275	15
10	18.0	31	277	15
11	16.5	16	280	16
12	15.5	27	283	17
13	13.5	26	273	13
14	12.5	29	283	19
15	12.0	30	284	19
16	13.5	32	285	18
17	14.0	23	280	14
18	12.0	35	281	22
19	15.5	24	287	19
20	15.7	25	283	15
21	15.9	28	280	16
22	18.0	21	275	18
23	18.0	20	283	14
24	17.5	27	286	18
25	14.5	25	281	15
Total	379.6	659	7023	416
Mean	15.18	26.36	280.92	16.64

