



VI.2. Feed Resources - Availability vs. Requirement

TABLE VI.2.1: District-wise Dry Matter (DM) Availability, Requirement and Balance

Districts	Available/ Required/ Balance	Dry Matter Availability, Requirement and Balance ('000 MT)						
		1997	2003	2007	2008	2009	2010	2011
Bagalkot	Available		1,336	1,412	2,158	1,964	1,309	2,417
	Requirement	1,407	1,361	1,849	1,963	2,088	2,226	2,379
	Balance		-25	-436	196	-124	-917	38
Bangalore Rural	Available	878	385	416	428	433	414	505
	Requirement	2,682	1,470	784	715	661	619	586
	Balance		-1,085	-367	-288	-229	-205	-81
Bangalore Urban	Available	244	133	115	209	182	164	200
	Requirement	717	616	673	664	658	654	654
	Balance		-484	-558	-455	-476	-491	-454
Belgaum	Available	2,731	2,471	3,191	3,517	3,238	2,395	4,414
	Requirement	3,735	4,049	4,737	4,915	5,106	5,311	5,529
	Balance	-1,004	-1,578	-1,546	-1,397	-1,868	-2,916	-1,115
Bellary	Available	1,781	1,350	1,618	2,133	1,888	1,628	2,069
	Requirement	1,679	1,495	1,811	1,863	1,919	1,980	2,045
	Balance	103	-145	-193	270	-31	-352	24
Bidar	Available	737	866	807	929	799	540	1,048
	Requirement	1,195	1,179	1,286	1,304	1,322	1,341	1,362
	Balance	-458	-313	-479	-375	-523	-802	-314
Bijapur	Available	2,652	1,550	1,658	2,273	1,831	1,503	2,399
	Requirement	1,189	1,104	1,389	1,454	1,522	1,594	1,671
	Balance		446	268	820	310	-91	728
Chamarajanagar	Available		636	661	733	787	652	794
	Requirement	878	809	830	837	845	855	867
	Balance		-173	-169	-104	-58	-203	-73
Chikkaballapura	Available			197	584	768	649	936
	Requirement			1,041	1,042	1,044	1,045	1,047
	Balance			-845	-458	-275	-396	-111
Chikmagalur	Available	784	651	712	760	769	797	828
	Requirement	1,221	1,150	1,249	1,270	1,294	1,321	1,351
	Balance	-437	-499	-538	-511	-525	-524	-523
Chitradurga	Available	2,202	1,135	1,033	1,485	954	1,182	1,329
	Requirement	1,385	1,403	1,651	1,697	1,746	1,799	1,855
	Balance		-267	-618	-213	-792	-617	-526
Dakshina Kannada	Available	682	341	350	334	342	329	347
	Requirement	982	926	1,084	1,127	1,175	1,229	1,290
	Balance		-585	-734	-793	-833	-900	-943
Davanagere	Available		1,444	2,079	2,379	2,192	2,459	2,703
	Requirement	1,638	1,566	1,834	1,889	1,949	2,013	2,083
	Balance		-122	245	490	244	446	620
Dharwad	Available	2,548	558	985	921	911	922	933
	Requirement	821	764	882	906	932	959	989
	Balance		-206	103	15	-21	-38	-56
Gadag	Available		532	752	1,073	794	790	1,068
	Requirement	817	562	714	751	791	834	880
	Balance		-31	38	322	3	-44	188



Districts	Available/ Required/ Balance	Dry Matter Availability, Requirement and Balance ('000 MT)						
		1997	2003	2007	2008	2009	2010	2011
Gulbarga	Available	2,270	2,367	2,304	2,801	2,703	2,276	2,155
	Requirement	2,606	2,626	2,927	2,993	3,062	3,134	3,210
	Balance	-336	-259	-623	-192	-359	-859	-1,055
Hassan	Available	994	847	1,064	1,114	1,072	1,288	1,349
	Requirement	1,998	1,949	2,283	2,366	2,458	2,562	2,677
	Balance	-1,004	-1,101	-1,219	-1,252	-1,387	-1,274	-1,328
Haveri	Available		1,018	1,496	1,533	1,405	1,185	1,933
	Requirement	1,209	1,103	1,185	1,206	1,231	1,258	1,288
	Balance		-85	311	326	175	-72	645
Kodagu	Available	292	284	310	325	321	321	324
	Requirement	430	358	359	364	369	376	384
	Balance	-138	-74	-49	-38	-48	-55	-60
Kolar	Available		344	508	370	404	343	493
	Requirement	2,107	1,986	1,185	1,078	987	910	846
	Balance		-1,643	-677	-708	-583	-567	-353
Koppal	Available		737	819	1,326	1,128	991	1,437
	Requirement	944	906	1,094	1,128	1,166	1,208	1,255
	Balance		-169	-275	198	-38	-217	182
Mandya	Available	1,059	741	724	1,031	1,011	791	1,115
	Requirement	1,535	1,518	1,715	1,757	1,804	1,856	1,913
	Balance	-476	-777	-991	-726	-793	-1,064	-798
Mysore	Available	1,942	1,101	1,542	1,646	1,498	1,517	1,533
	Requirement	1,610	1,530	1,893	1,961	2,035	2,116	2,204
	Balance		-429	-351	-315	-537	-599	-671
Raichur	Available	1,918	1,242	1,397	1,724	1,658	1,558	1,423
	Requirement	1,434	1,469	1,721	1,772	1,825	1,881	1,940
	Balance		-228	-324	-48	-166	-322	-517
Ramanagara	Available				565	483	495	570
	Requirement			965	966	967	968	969
	Balance				-401	-483	-473	-399
Shimoga	Available	1,783	1,088	1,405	1,258	1,450	1,396	1,684
	Requirement	1,909	1,779	1,925	1,954	1,986	2,022	2,062
	Balance	-126	-691	-520	-695	-536	-626	-378
Tumkur	Available	1,261	1,078	944	1,798	1,334	1,343	1,327
	Requirement	2,372	2,092	2,640	2,784	2,949	3,141	3,362
	Balance	-1,110	-1,014	-1,696	-985	-1,615	-1,798	-2,035
Udupi	Available		320	352	340	329	326	310
	Requirement	1,159	992	878	861	846	833	822
	Balance		-672	-526	-521	-516	-507	-512
Uttara Kannada	Available	616	547	627	649	608	649	650
	Requirement	1,388	1,073	1,172	1,193	1,216	1,239	1,264
	Balance	-772	-525	-545	-544	-608	-590	-614

NOTE: For 1997 availability data of Dry Matter, Dakshina Kannada district includes Udupi, Mysore district includes Chamarajanagar district, Raichur district includes Koppal, Dharwad district includes Haveri, Gadag, Chitradurga district includes Davanagere, Bijapur district includes Bagalkot district.

SOURCE: Feedbase 2012, National Institute of Animal Nutrition and Physiology, Bangalore.



VI.2. Feed Resources - Availability vs. Requirement

TABLE VI.2.2: Availability, Requirement and Surplus/Deficit of Feed Nutrient

Year	Dry Matter ('000 MT)		
	Availability	Requirement	Surplus/Deficit
1997	28,021	41,045	-13,024
2003	25,451	38,150	-12,699
2007	29,632	43,758	-14,126
2008	36,395	44,919	-8,524
2009	33,258	46,152	-12,894
2010	30,212	47,460	-17,249
2011	38,758	48,851	-10,093

SOURCE: Feedbase 2012, National Institute of Animal Nutrition and Physiology, Bangalore.

VI.3. Feed Resources - Consumption

TABLE VI.3.1: Year-wise Feed Consumption – Cattle

(kg/animal/day)

Year	In-Milk Animal			Dry Animal		
	Green Fodder	Dry Fodder	Concentrate	Green Fodder	Dry Fodder	Concentrate
2000-01	4.712	6.045	1.344	3.298	4.232	0.941
2003-04	5.677	6.294	1.399	3.280	4.257	0.823
2007-08	6.120	7.190	2.000	5.490	6.160	1.700
2008-09	6.830	8.790	2.210	2.920	7.770	0.870
2009-10	8.280	8.520	2.440	5.390	5.070	0.730
2010-11	8.780	7.580	2.675	5.735	5.895	0.930
2011-12	8.970	8.020	2.785	7.380	5.605	1.150
2012-13*	7.760	6.695	2.180			

* Fed to adult animals

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry & Veterinary Services, Government of Karnataka, Bangalore.

TABLE VI.3.2: Year-wise Feed Consumption – Buffalo

(kg/animal/day)

Year	In-Milk Animal			Dry Animal		
	Green Fodder	Dry Fodder	Concentrate	Green Fodder	Dry Fodder	Concentrate
2000-01	5.873	6.113	1.524	3.487	5.811	1.042
2003-04	6.475	5.880	1.370	3.464	5.713	0.992
2007-08	5.580	5.550	1.680	6.200	6.320	1.370
2008-09	8.440	9.720	1.990	3.420	8.720	1.240
2009-10	6.480	7.700	1.260	5.860	5.010	0.680
2010-11	9.550	8.100	1.400	5.570	7.430	0.800
2011-12	9.190	8.820	1.650	6.950	8.210	0.710
2012-13*	7.630	8.230	0.970			

* Fed to adult animals

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry & Veterinary Services, Government of Karnataka, Bangalore.