



Dairy Cows: Protein intake split up according to concentrate and roughage, purchased and homegrown

Country code		9	10	11	13	14	15	16	17	18	19
Country name		Austria	Belgium	Luxembourg	Denmark	Finland	France	Germany	Greece	Ireland	Italy
Production in mill tons standardised milk (4% fat, 3.3% protein)	mill tons	3.89	4.14	0.40	5.83	2.55	24.95	33.38	0.66	7.69	12.93
Total protein intake											
Total protein intake		88,701	151,796	13,221	265,000	136,868	732,007	1,605,062	47,535	170,644	627,771
Protein intake by concentrate	t nXP/ country	88,701	151,796	13,221	265,000	136,868	732,007	1,605,062	47,535	170,644	627,771
Grass	t nXP/ country	109,599	42,722	4,783	-	-	701,750	62,455	-	577,425	-
Grass & legume silage	t nXP/ country	60,672	88,027	17,070	162,062	168,361	230,063	1,104,173	-	299,496	-
Hay	t nXP/ country	148,544	-	1,692	-	6,536	54,681	36,363	10,368	-	431,393
Straw	t nXP/ country	4,171	-	1,265	2,147	-	-	-	-	-	35,652
Maize silage	t nXP/ country	36,153	198,005	13,574	145,925	-	1,153,926	1,248,878	21,396	8,741	566,340
Non-concentrate by-product	t nXP/ country	-	40,572	-	-	-	-	-	-	-	-
Protein intake by roughage	t nXP/ country	359,139	369,326	38,385	310,133	174,897	2,140,419	2,451,869	31,764	885,662	1,033,386
Total protein intake	t nXP/ country	447,840	521,122	51,606	575,133	311,766	2,872,426	4,056,931	79,299	1,056,306	1,661,157
Share protein intake: roughage of total protein intake	%	80%	71%	74%	54%	56%	75%	60%	40%	84%	62%
Share protein intake: concentrate of total protein intake	%	20%	29%	26%	46%	44%	25%	40%	60%	16%	38%
Purchased protein intake											
Purchased protein intake by concentrate	t nXP/ country	88,701	151,796	9,006	192,393	86,983	533,475	1,559,874	23,081	170,644	490,633
Grass	t nXP/ country	-	-	-	-	-	-	-	-	-	-
Grass & legume silage	t nXP/ country	-	-	-	-	2,309	-	-	-	-	-
Hay	t nXP/ country	-	-	-	-	-	-	-	-	-	-
Straw	t nXP/ country	4,171	-	-	-	-	-	-	-	-	-
Maize silage	t nXP/ country	-	-	-	29,118	-	-	11,579	-	-	-
Non-concentrate by-product	t nXP/ country	-	40,572	-	-	-	-	-	-	-	-
Purchased protein intake by roughage	t nXP/ country	4,171	40,572	-	29,118	2,309	-	11,579	-	-	-
Total purchased protein intake	t nXP/ country	92,873	192,367	9,006	221,511	89,292	533,475	1,571,452	23,081	170,644	490,633
Share purchased protein intake: roughage of total protein intake	%	4%	21%	0%	13%	3%	0%	1%	0%	0%	0%
Share purchased protein intake: concentrate of total protein intake	%	96%	79%	100%	87%	97%	100%	99%	100%	100%	100%
Homegrown protein intake											
Homegrown protein intake by concentrate	t nXP/ country	-	-	4,215	72,607	49,886	198,532	45,188	24,454	-	137,138
Grass	t nXP/ country	109,599	42,722	4,783	-	-	701,750	62,455	-	577,425	-
Grass & legume silage	t nXP/ country	60,672	88,027	17,070	162,062	166,052	230,063	1,104,173	-	299,496	-
Hay	t nXP/ country	148,544	-	1,692	-	6,536	54,681	36,363	10,368	-	431,393
Straw	t nXP/ country	-	-	1,265	2,147	-	-	-	-	-	35,652
Maize silage	t nXP/ country	36,153	198,005	13,574	116,807	-	1,153,926	1,237,299	21,396	8,741	566,340
Non-concentrate by-product	t nXP/ country	-	-	-	-	-	-	-	-	-	-
Homegrown protein intake by roughage	t nXP/ country	354,967	328,755	38,385	281,015	172,588	2,140,419	2,440,290	31,764	885,662	1,033,386
Total homegrown protein intake	t nXP/ country	354,967	328,755	42,600	353,622	222,474	2,338,951	2,485,478	56,218	885,662	1,170,524
Share homegrown protein intake: roughage of total protein intake	%	100%	100%	90%	79%	78%	92%	98%	57%	100%	88%
Share homegrown protein intake: concentrate of total protein intake	%	0%	0%	10%	21%	22%	8%	2%	43%	0%	12%
Share of purchased roughage on total roughage	%	1%	11%	0%	9%	1%	0%	0%	0%	0%	0%
Share of homegrown roughage on total roughage	%	99%	89%	100%	91%	99%	100%	100%	100%	100%	100%



Dairy Cows: Protein intake split up according to concentrate and roughage, pur

Country code		20	21	22	23	24	25	26	27	28	29
Country name		Netherlands	Portugal	Spain	Sweden	United Kingdom	Czech Republic	Slovakia	Slovenia	Cyprus	Hungary
Production in mill tons standardised milk (4% fat, 3.3% protein)	mill tons	15.46	1.87	6.72	3.13	15.68	3.08	0.89	0.67	0.20	1.84
Total protein intake		Netherlands	Portugal	Spain	Sweden	United Kingdom	Czech Republic	Slovakia	Slovenia	Cyprus	Hungary
Protein intake by concentrate	t nXP/ country	676,576	112,090	402,803	142,432	532,498	139,552	64,273	48,189	9,710	126,142
Grass	t nXP/ country	218,478	-	-	-	496,266	-	-	-	-	-
Grass & legume silage	t nXP/ country	613,036	40,676	146,174	87,105	606,469	89,206	-	-	-	27,074
Hay	t nXP/ country	-	8,894	31,963	-	-	10,751	14,019	10,511	6,673	13,947
Straw	t nXP/ country	-	-	-	1,154	-	5,349	-	-	551	958
Maize silage	t nXP/ country	278,715	50,018	179,743	78,432	152,685	111,113	28,930	21,691	8,760	38,983
Non-concentrate by-product	t nXP/ country	136,342	-	-	-	-	16,521	-	-	-	9,615
Protein intake by roughage	t nXP/ country	1,246,571	99,589	357,880	166,690	1,255,420	232,941	42,949	32,202	15,984	90,577
Total protein intake	t nXP/ country	1,923,147	211,678	760,683	309,122	1,787,918	372,492	107,222	80,391	25,695	216,719
Share protein intake: roughage of total protein intake	%	65%	47%	47%	54%	70%	63%	40%	40%	62%	42%
Share protein intake: concentrate of total protein intake	%	35%	53%	53%	46%	30%	37%	60%	60%	38%	58%
Purchased protein intake		Netherlands	Portugal	Spain	Sweden	United Kingdom	Czech Republic	Slovakia	Slovenia	Cyprus	Hungary
Purchased protein intake by concentrate	t nXP/ country	676,576	112,090	402,803	103,407	532,498	59,739	31,208	23,399	7,589	88,064
Grass	t nXP/ country	-	-	-	-	-	-	-	-	-	-
Grass & legume silage	t nXP/ country	30,652	8,715	31,317	-	-	-	-	-	-	-
Hay	t nXP/ country	-	8,894	31,963	-	-	-	-	-	-	-
Straw	t nXP/ country	-	-	-	-	-	-	-	-	-	-
Maize silage	t nXP/ country	129,715	12,495	44,903	15,650	-	-	-	-	-	-
Non-concentrate by-product	t nXP/ country	136,342	-	-	-	-	16,521	-	-	-	7,019
Purchased protein intake by roughage	t nXP/ country	296,709	30,104	108,182	15,650	-	16,521	-	-	-	7,019
Total purchased protein intake	t nXP/ country	973,286	142,194	510,985	119,058	532,498	76,260	31,208	23,399	7,589	95,082
Share purchased protein intake: roughage of total protein intake	%	30%	21%	21%	13%	0%	22%	0%	0%	0%	7%
Share purchased protein intake: concentrate of total protein intake	%	70%	79%	79%	87%	100%	78%	100%	100%	100%	93%
Homegrown protein intake		Netherlands	Portugal	Spain	Sweden	United Kingdom	Czech Republic	Slovakia	Slovenia	Cyprus	Hungary
Homegrown protein intake by concentrate	t nXP/ country	-	-	-	39,025	-	79,813	33,064	24,790	2,121	38,078
Grass	t nXP/ country	218,478	-	-	-	496,266	-	-	-	-	-
Grass & legume silage	t nXP/ country	582,384	31,962	114,857	87,105	606,469	89,206	-	-	-	27,074
Hay	t nXP/ country	-	-	-	-	-	10,751	14,019	10,511	6,673	13,947
Straw	t nXP/ country	-	-	-	1,154	-	5,349	-	-	551	958
Maize silage	t nXP/ country	148,999	37,523	134,841	62,781	152,685	111,113	28,930	21,691	8,760	38,983
Non-concentrate by-product	t nXP/ country	-	-	-	-	-	-	-	-	-	2,596
Homegrown protein intake by roughage	t nXP/ country	949,862	69,484	249,698	151,040	1,255,420	216,419	42,949	32,202	15,984	83,558
Total homegrown protein intake	t nXP/ country	949,862	69,484	249,698	190,065	1,255,420	296,232	76,014	56,992	18,106	121,636
Share homegrown protein intake: roughage of total protein intake	%	100%	100%	100%	79%	100%	73%	57%	57%	88%	69%
Share homegrown protein intake: concentrate of total protein intake	%	0%	0%	0%	21%	0%	27%	43%	43%	12%	31%
Share of purchased roughage on total roughage	%	24%	30%	30%	9%	0%	7%	0%	0%	0%	8%
Share of homegrown roughage on total roughage	%	76%	70%	70%	91%	100%	93%	100%	100%	100%	92%


Dairy Cows: Protein intake split up according to concentrate and roughage, pure

Country code		30	31	32	33	34	48	49	51	
Country name		<i>Malta</i>	<i>Poland</i>	<i>Latvia</i>	<i>Lithuania</i>	<i>Estonia</i>	<i>Bulgaria</i>	<i>Romania</i>	<i>Croatia</i>	EU 28
Production in mill tons standardised milk (4% fat, 3.3% protein)	mill tons	0.04	13.69	1.01	1.66	0.79	0.92	4.55	0.65	
Total protein intake		Malta	Poland	Latvia	Lithuania	Estonia	Bulgaria	Romania	Croatia	EU 28
Protein intake by concentrate	t nXP/ country	1,838	559,497	46,272	75,842	36,193	66,260	-	46,814	6,925,588
Grass	t nXP/ country	-	334,118	18,311	30,012	14,322	-	58,837	-	2,669,077
Grass & legume silage	t nXP/ country	-	699,363	47,942	78,580	37,500	-	-	-	4,603,048
Hay	t nXP/ country	1,263	207,807	15,339	25,141	11,998	14,453	1,053,103	10,211	2,125,652
Straw	t nXP/ country	104	-	-	-	-	-	-	-	51,352
Maize silage	t nXP/ country	1,658	181,484	-	-	-	29,825	-	21,072	4,576,045
Non-concentrate by-product	t nXP/ country	-	-	-	-	-	-	-	-	203,050
Protein intake by roughage	t nXP/ country	3,025	1,422,772	81,592	133,733	63,819	44,278	1,111,940	31,283	14,228,225
Total protein intake	t nXP/ country	4,863	1,982,269	127,864	209,575	100,012	110,538	1,111,940	78,098	21,153,813
Share protein intake: roughage of total protein intake	%	62%	72%	64%	64%	64%	40%	100%	40%	67%
Share protein intake: concentrate of total protein intake	%	38%	28%	36%	36%	36%	60%	0%	60%	33%
Purchased protein intake		Malta	Poland	Latvia	Lithuania	Estonia	Bulgaria	Romania	Croatia	EU 28
Purchased protein intake by concentrate	t nXP/ country	1,436	239,988	37,426	61,343	29,274	32,174	-	22,731	5,768,332
Grass	t nXP/ country	-	-	-	-	-	-	-	-	-
Grass & legume silage	t nXP/ country	-	-	1,609	2,637	1,259	-	-	-	78,497
Hay	t nXP/ country	-	-	3,835	6,285	2,999	-	145,099	-	199,076
Straw	t nXP/ country	-	-	-	-	-	-	-	-	4,171
Maize silage	t nXP/ country	-	-	-	-	-	-	-	-	243,460
Non-concentrate by-product	t nXP/ country	-	-	-	-	-	-	-	-	200,454
Purchased protein intake by roughage	t nXP/ country	-	-	5,444	8,923	4,258	-	145,099	-	725,658
Total purchased protein intake	t nXP/ country	1,436	239,988	42,870	70,265	33,532	32,174	145,099	22,731	6,493,990
Share purchased protein intake: roughage of total protein intake	%	0%	0%	13%	13%	13%	0%	100%	0%	11%
Share purchased protein intake: concentrate of total protein intake	%	100%	100%	87%	87%	87%	100%	0%	100%	89%
Homegrown protein intake		Malta	Poland	Latvia	Lithuania	Estonia	Bulgaria	Romania	Croatia	EU 28
Homegrown protein intake by concentrate	t nXP/ country	401	319,509	8,846	14,499	6,919	34,087	-	24,083	1,157,256
Grass	t nXP/ country	-	334,118	18,311	30,012	14,322	-	58,837	-	2,669,077
Grass & legume silage	t nXP/ country	-	699,363	46,333	75,942	36,241	-	-	-	4,524,551
Hay	t nXP/ country	1,263	207,807	11,504	18,856	8,998	14,453	908,004	10,211	1,926,576
Straw	t nXP/ country	104	-	-	-	-	-	-	-	47,181
Maize silage	t nXP/ country	1,658	181,484	-	-	-	29,825	-	21,072	4,332,585
Non-concentrate by-product	t nXP/ country	-	-	-	-	-	-	-	-	2,596
Homegrown protein intake by roughage	t nXP/ country	3,025	1,422,772	76,148	124,810	59,561	44,278	966,841	31,283	13,502,567
Total homegrown protein intake	t nXP/ country	3,427	1,742,281	84,994	139,309	66,481	78,365	966,841	55,366	14,659,823
Share homegrown protein intake: roughage of total protein intake	%	88%	82%	90%	90%	90%	57%	100%	57%	92%
Share homegrown protein intake: concentrate of total protein intake	%	12%	18%	10%	10%	10%	43%	0%	43%	8%
Share of purchased roughage on total roughage	%	0%	0%	7%	7%	7%	0%	13%	0%	5%
Share of homegrown roughage on total roughage	%	100%	100%	93%	93%	93%	100%	87%	100%	95%