

**HAY FORAGE PRODUCTION**

Forage production is the sum of all dry hay and haylage/greenchop production after converting the haylage/greenchop production to the dry equivalent basis (13 percent moisture). The dry equivalent is determined by multiplying the green weight (weight at harvest) by 0.4943. The conversion factor (0.4943) is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage is 0.45 ton dry matter and one

ton of greenchop is 0.25 ton dry matter. The total haylage/greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust haylage/greenchop production to a dry equivalent basis =  $((0.45 \times 0.9) + (0.25 \times 0.1)) / 0.87 = 0.4943$ . The factors assumed here may vary and can be adjusted. Adjustments would result in a slightly different conversion factor.

**VERMONT HAY FORAGE: Acreage, Yield, and Production, 2005 – 2012**

Year	Area Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons
<b>All Hay Forage <sup>1</sup></b>			
2005	330	2.83	934
2006	335	2.70	904
2007	315	3.07	968
2008	310	2.95	913
2009	315	2.75	866
2010	315	2.88	906
2011	290	2.90	842
2012	305	2.95	900
<b>All Alfalfa Forage <sup>2</sup></b>			
2005	90	3.49	314
2006	85	3.55	302
2007	75	3.92	294
2008	75	4.00	300
2009	70	3.86	270
2010	70	4.11	288
2011	70	3.94	276
2012	75	4.12	309
<b>All Haylage and Greenchop <sup>3</sup></b>			
2005	190	6.31	1,198
2006	185	6.33	1,171
2007	170	6.74	1,145
2008	170	7.22	1,229
2009	165	6.67	1,100
2010	165	7.16	1,181
2011	155	6.85	1,062
2012	170	6.87	1,168
<b>Alfalfa Haylage and Greenchop <sup>4</sup></b>			
2005	70	7.00	490
2006	70	6.70	469
2007	65	7.10	462
2008	65	7.75	504
2009	55	7.20	396
2010	60	8.30	498
2011	60	7.40	444
2012	70	7.40	518

<sup>1</sup> All hay forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis.

<sup>2</sup> All alfalfa forage production is the sum of alfalfa harvested as dry hay and alfalfa haylage and greenchop production after converting it to a dry equivalent basis.

<sup>3</sup> Includes all types of forage harvested as haylage or greenchop (green weight). Forage harvested as dry hay and corn and sorghum silage/greenchop are not included.

<sup>4</sup> Includes only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop (green weight). Alfalfa harvested as dry hay is not included.