

HAY FORAGE PRODUCTION

Hay forage production is the sum of all dry hay, haylage, and greenchop production after converting the haylage and greenchop production to a dry equivalent basis (13 percent moisture) 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 greenchop is 0.25 ton dry matter and one ton of haylage is 0.45 ton dry matter.

The total haylage and greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust production to a dry equivalent basis equals $(0.45 \times 0.9) + (0.25 \times 0.1) / 0.87 = 0.4943$. 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, 2000 – 2007

Year	Area Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons
All Hay Forage¹			
2000	375	2.69	1,007
2001	390	2.72	1,059
2002	380	3.08	1,172
2003	350	3.43	1,199
2004	365	2.99	1,092
2005	360	2.81	1,010
2006	360	2.88	1,037
2007	340	3.06	1,040
All Alfalfa Forage²			
2000	100	3.15	315
2001	90	3.44	310
2002	100	3.37	337
2003	90	4.04	364
2004	90	3.58	322
2005	95	3.40	323
2006	90	3.58	322
2007	80	3.79	303
All Haylage and Greenchop³			
2000	220	5.52	1,214
2001	240	5.55	1,333
2002	225	6.22	1,339
2003	190	7.76	1,474
2004	215	6.67	1,433
2005	205	6.28	1,287
2006	205	6.31	1,293
2007	190	6.71	1,275
Alfalfa Haylage and Greenchop⁴			
2000	70	6.20	434
2001	70	6.65	466
2002	75	6.65	499
2003	70	8.20	574
2004	70	7.00	490
2005	70	7.00	490
2006	70	6.70	469
2007	65	7.30	475

¹ 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.

² 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.

³ 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.

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