

HAY FORAGE PRODUCTION

Hay forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/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 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 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.

Hay Forage: Acreage, Yield, and Production in Vermont, 2000 - 2004

Year	Area Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons
All Hay Forage ^{1/} (Dry Equivalent)			
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
All Hay Alfalfa Forage ^{2/} (Dry Equivalent)			
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
All Haylage and Greenchop ^{3/} (Green Weight)			
2000	220	5.52	1,214
2001	240	5.55	1,333
2002	225	6.22	1,399
2003	190	7.76	1,474
2004	215	6.67	1,433
Alfalfa Haylage and Greenchop ^{4/} (Green Weight)			
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

^{1/} All 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 hay 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. 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. Alfalfa harvested as dry hay is not included.