

# Ithaca Hay Season Climatological Normal and Last 30 Year Data

|                      | Growing Season May - October |                     | August and September Averages |                     |
|----------------------|------------------------------|---------------------|-------------------------------|---------------------|
|                      | Harvest Days                 | Growing Degree Days | Harvest Days                  | Growing Degree Days |
| <b>First 30-Year</b> | 44                           | 2,418               | 16                            | 931                 |
| <b>Last 30-Year</b>  | 39                           | 2,318               | 16                            | 902                 |
| <b>1990</b>          | 19                           | 2,221               | 8                             | 836                 |
| <b>1991</b>          | 55                           | 2,569               | 13                            | 884                 |
| <b>1992</b>          | 27                           | 1,902               | 9                             | 788                 |
| <b>1993</b>          | 25                           | 2,212               | 7                             | 882                 |
| <b>1994</b>          | 46                           | 2,170               | 12                            | 781                 |
| <b>1995</b>          | 63                           | 2,447               | 26                            | 891                 |
| <b>1996</b>          | 41                           | 2,202               | 19                            | 900                 |
| <b>1997</b>          | 37                           | 2,007               | 12                            | 787                 |
| <b>1998</b>          | 46                           | 2,469               | 21                            | 1,006               |
| <b>1999</b>          | 65                           | 2,443               | 14                            | 918                 |
| <b>2000</b>          | 38                           | 2,175               | 12                            | 844                 |
| <b>2001</b>          | 45                           | 2,377               | 20                            | 953                 |
| <b>2002</b>          | 46                           | 2,440               | 24                            | 1,061               |
| <b>2003</b>          | 28                           | 2,145               | 12                            | 922                 |
| <b>2004</b>          | 34                           | 2,280               | 16                            | 923                 |
| <b>2005</b>          | 66                           | 2,605               | 28                            | 1,069               |
| <b>2006</b>          | 38                           | 2,223               | 19                            | 835                 |
| <b>2007</b>          | 35                           | 2,495               | 20                            | 977                 |
| <b>2008</b>          | 29                           | 2,120               | 12                            | 804                 |
| <b>2009</b>          | 26                           | 1,954               | 13                            | 857                 |
| <b>2010</b>          | 46                           | 2,519               | 24                            | 940                 |
| <b>2011</b>          | 28                           | 2,528               | 4                             | 952                 |
| <b>2012</b>          | 33                           | 2,574               | 9                             | 914                 |
| <b>2013</b>          | 43                           | 2,288               | 13                            | 749                 |
| <b>2014</b>          | 24                           | 2,154               | 12                            | 765                 |
| <b>2015</b>          | 43                           | 2,424               | 26                            | 997                 |
| <b>2016</b>          | 42                           | 2,508               | 10                            | 1,079               |
| <b>2017</b>          | 36                           | 2,255               | 26                            | 832                 |
| <b>2018</b>          | 23                           | 2,584               | 13                            | 1,073               |
| <b>2019</b>          | 23                           | 2,145               | 10                            | 803                 |

|                        |    |       |    |       |
|------------------------|----|-------|----|-------|
| <b>Average</b>         | 42 | 2,328 | 16 | 906   |
| <b>Stand. Dev.</b>     | 12 | 242   | 6  | 107   |
| <b>Maxium</b>          | 67 | 2,925 | 28 | 1,190 |
| <b>Minimum</b>         | 13 | 1,871 | 2  | 634   |
| <b>99th Percentile</b> | 66 | 2,908 | 28 | 1,175 |
| <b>95th Percentile</b> | 61 | 2,726 | 27 | 1,081 |
| <b>90th Percentile</b> | 58 | 2,656 | 24 | 1,053 |
| <b>75th Percentile</b> | 51 | 2,501 | 21 | 961   |
| <b>50th Percentile</b> | 42 | 2,256 | 15 | 891   |
| <b>25th Percentile</b> | 34 | 2,145 | 11 | 831   |
| <b>10th Percentile</b> | 27 | 2,019 | 8  | 774   |
| <b>5th Percentile</b>  | 23 | 1,967 | 7  | 757   |
| <b>1th Percentile</b>  | 16 | 1,906 | 3  | 729   |