

Summary of Alfalfa Height and Prediction of % NDF - May 6, 2010

County	Town	Road Name	Hill or Valley	Alfalfa Height Inches	Predicted Grass % NDF	Predicted 50/50 Mix % NDF	Predicted Alfalfa % NDF	Predicted Date to Cut Grass	Predicted Date to Cut 50/50 Mix	Predicted Date to Cut Alfalfa
Chenango	Norwich	Mary Windsor Road	Hill	13	50.6	34.9	27.6	5/5/10	5/18/10	5/30/10
Chenango	Oxford	County Road 32	Valley	15	52.2	36.6	29.0	5/3/10	5/15/10	5/28/10
Chenango	South Oxford	County Road 32	Valley	16	53.0	37.4	29.7	5/2/10	5/14/10	5/26/10
Chenango	Bainbridge	Ives Settlement Road	Hill	11	49.0	33.3	26.2	5/7/10	5/20/10	6/2/10
Chenango	Greene	Stiles Road	Hill	13	50.6	34.9	27.6	5/5/10	5/18/10	5/30/10
Chenango	Brisban	State Highway 12	Valley	16	53.0	37.4	29.7	5/2/10	5/14/10	5/26/10
Chenango	Nineveh	County Road 26	Valley	14	51.4	35.7	28.3	5/4/10	5/17/10	5/29/10
Chenango	Sherburne	Knapp Road	Hill	11	49.0	33.3	26.2	5/7/10	5/20/10	6/2/10
Chenango	Sherburne	Furman Mills Road	Valley	13	50.6	34.9	27.6	5/5/10	5/18/10	5/30/10
Chenango	Sherburne	Furman Mills Road	Hill	15	52.2	36.6	29.0	5/3/10	5/15/10	5/28/10
Chenango	Earlville	Reese Road	Valley	17	53.8	38.2	30.4	5/2/10	5/13/10	5/25/10
Chenango	Earlville	Coye Road	Valley	15	52.2	36.6	29.0	5/3/10	5/15/10	5/28/10
Chenango	Earlville	Williams Road	Valley	19	55.5	39.8	31.8	4/30/10	5/11/10	5/22/10
Chenango	Smyrna	County Road 20	Valley	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Chenango	Sherburne	West Hill Road	Hill	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Chenango	Sherburne	State Highway 12	Valley	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Fulton	Johnstown	Union Avenue	Hill	22	57.9	42.2	33.9	4/28/10	5/8/10	5/18/10
Fulton	Perth	Noonan Road	Hill	23	58.7	43.1	34.6	4/27/10	5/7/10	5/16/10
Herkimer	Schulyer	Minots Corners Road	Hill	16	53.0	37.4	29.7	5/2/10	5/14/10	5/26/10
Herkimer	Stark	Litehall Road	Hill	19	55.5	39.8	31.8	4/30/10	5/11/10	5/22/10
Herkimer	Winfield	Brace Road	Hill	15	52.2	36.6	29.0	5/3/10	5/15/10	5/28/10
Montgomery	Pataline Bridge	Dygart Road	Hill	14	51.4	35.7	28.3	5/4/10	5/17/10	5/29/10
Montgomery	St. Johnsville	Walrath Road	Hill	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Montgomery	Sharon Springs	Maring Road	Hill	21	57.1	41.4	33.2	4/28/10	5/9/10	5/19/10
Montgomery	Pattersonville	Pattersonville Road	Valley	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Montgomery	Minden	Schuyler Road	Valley	20	56.3	40.6	32.5	4/29/10	5/10/10	5/21/10
Montgomery	Mohawk	Palvus Lane	Valley	26	61.1	45.5	36.7	4/24/10	5/4/10	5/12/10

Cornell Cooperative Extension Central New York Dairy and Field Crops Team  
 Serving Chenango, Fulton, Herkimer, Montgomery, Otsego and Schoharie Counties

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Montgomery	Florida	Buhrmaster Road	Hill	23	58.7	43.1	34.6	4/27/10	5/7/10	5/16/10
Montgomery	Canajoharie	Old Sharon Road	Hill	17	53.8	38.2	30.4	5/2/10	5/13/10	5/25/10
Otsego	Worcester	County Road 40	Hill	17	53.8	38.2	30.4	5/2/10	5/13/10	5/25/10
Otsego	Portlandville	County Road 35	Valley	12	49.8	34.1	26.9	5/6/10	5/19/10	6/1/10
Otsego	Garrettsville	State Highway 51	Valley	12	49.8	34.1	26.9	5/6/10	5/19/10	6/1/10
Otsego	New Berlin	County Road 18	Valley	12	49.8	34.1	26.9	5/6/10	5/19/10	6/1/10
Otsego	Unadilla	Unadilla River Road	Valley	14	51.4	35.7	28.3	5/4/10	5/17/10	5/29/10
Otsego	Otego	State Highway 7	Valley	16	53.0	37.4	29.7	5/2/10	5/14/10	5/26/10
Otsego	Cherry Valley	Dugay Road	Valley	19	55.5	39.8	31.8	4/30/10	5/11/10	5/22/10
Otsego	Cherry Valley	County Road 32	Hill	13	50.6	34.9	27.6	5/5/10	5/18/10	5/30/10
Otsego	Richfield	State Highway 20	Hill	13	50.6	34.9	27.6	5/5/10	5/18/10	5/30/10
Schoharie	Seward	Looendurgh Road	Hill	18	54.6	39.0	31.1	5/1/10	5/12/10	5/23/10
Schoharie	Schoharie	County Road 7/Abrams Road	Hill	19	55.5	39.8	31.8	4/30/10	5/11/10	5/22/10
Schoharie	Wright Town	Kump Road	Hill	23	58.7	43.1	34.6	4/27/10	5/7/10	5/16/10
Schoharie	Richmondville	Warnerville Cutoff	Valley	19	55.5	39.8	31.8	4/30/10	5/11/10	5/22/10
Schoharie	Seward	State Highway 10	Hill	15	52.2	36.6	29.0	5/3/10	5/15/10	5/28/10

The desired NDF for all grass fields is 50%, 50/50 mixed alfalfa and grass fields is 44%, and pure alfalfa stands is 40%. Please note you will most likely need to start before the indicated date so that you will have time bring in all of your forage within a few percentage points of the desired NDF and to also account for fermentation and other dry matter losses that can occur when ensiling. Typically NDF increases about 0.8 to 1.2/day for grasses expecting the lower end of that range in cooler weather and the higher end in warm. Alfalfa NDF increases about 0.4 to 0.7/day again figuring the lower end of that range with cool temperatures and the higher in warm.