

Summary of Alfalfa Height and Prediction of % NDF - May 11, 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 Mix	Predicted Date to Cut Alfalfa
Chenango	So. Oxford	County Road 32	Valley	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Earlville	Reese Road	Valley	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Earlville	Williams Road	Valley	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Smyrna	County Road 20	Valley	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Sherburne	West Hill Road	Hill	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Sherburne	State Route 12	Valley	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Chenango	Brisben	State Route 12	Valley	17	53.4	38.8	30.4	5/7/10	5/17/10	5/30/10
Chenango	Nineveh	County Road 26	Valley	17	53.4	38.8	30.4	5/7/10	5/17/10	5/30/10
Chenango	Sherburne	Furman Mills Road	Hill	17	53.4	38.8	30.4	5/7/10	5/17/10	5/30/10
Chenango	Earlville	Coye Road	Valley	17	53.4	38.8	30.4	5/7/10	5/17/10	5/30/10
Chenango	Oxford	County Road 32	Valley	16	52.6	38.0	29.7	5/8/10	5/19/10	5/31/10
Chenango	Greene	Stiles Road	Hill	15	51.7	37.1	29.0	5/9/10	5/20/10	6/2/10
Chenango	Sherburne	Furman Mills Road	Valley	14	50.9	36.3	28.3	5/10/10	5/21/10	6/3/10
Chenango	Norwich	Mary Windsor Road	Hill	13	50.0	35.4	27.6	5/11/10	5/22/10	6/4/10
Chenango	Bainbridge	Ives Settlement	Hill	12	49.1	34.5	26.9	5/11/10	5/23/10	6/6/10
Chenango	Sherburne	Knapp Road	Hill	12	49.1	34.5	26.9	5/11/10	5/23/10	6/6/10
Fulton	Perth	Noonan Road	Hill	26	61.2	46.6	36.7	4/29/10	5/7/10	5/17/10
Fulton	Johnstown	Union Street	Hill	23	58.6	44.0	34.6	5/2/10	5/10/10	5/21/10
Herkimer	Stark	Lighthall Road	Hill	23	58.6	44.0	34.6	5/2/10	5/10/10	5/21/10
Herkimer	Schuyler	Minots Corners Road	Hill	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Herkimer	Winfield	North Winfield Road	Hill	16	52.6	38.0	29.7	5/8/10	5/19/10	5/31/10
Herkimer	German Flatts	Robinson Road	Hill	16	52.6	38.0	29.7	5/8/10	5/19/10	5/31/10
Montgomery	Mohawk	Pavlus Road	Valley	28	62.9	48.3	38.1	4/28/10	5/5/10	5/14/10
Montgomery	Florida	Buhrmaster Road	Hill	24	59.5	44.9	35.3	5/1/10	5/9/10	5/20/10
Montgomery	Minden	Schuyler Road	Valley	21	56.9	42.3	33.2	5/4/10	5/13/10	5/24/10
Montgomery	Pattersonville	Pattersonville Road	Valley	21	56.9	42.3	33.2	5/4/10	5/13/10	5/24/10

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	St. Johnsville	Walrath Road	Hill	20	56.0	41.4	32.5	5/4/10	5/14/10	5/26/10
Montgomery	Canajoharie	Old Sharon Road	Hill	17	53.4	38.8	30.4	5/7/10	5/17/10	5/30/10
Montgomery	Palatine Bridge	Dygart Road	Hill	15	51.7	37.1	29.0	5/9/10	5/20/10	6/2/10
Otsego	Portlandville	County Road 35	Valley	13	50.0	35.4	27.6	5/11/10	5/22/10	6/4/10
Otsego	Cherry Valley	Dugay Road	Valley	23	58.6	44.0	34.6	5/2/10	5/10/10	5/21/10
Otsego	Worcester	County Road 40	Hill	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Otsego	Otego	State Route 7	Valley	16	52.6	38.0	29.7	5/8/10	5/19/10	5/31/10
Otsego	Unadilla	Unadilla River Road	Valley	15	51.7	37.1	29.0	5/9/10	5/20/10	6/2/10
Otsego	Cherry Valley	County Road 32	Hill	15	51.7	37.1	29.0	5/9/10	5/20/10	6/2/10
Otsego	Garrettsville	State Route 51	Valley	14	50.9	36.3	28.3	5/10/10	5/21/10	6/3/10
Otsego	New Berlin	County Road 18	Valley	13	50.0	35.4	27.6	5/11/10	5/22/10	6/4/10
Otsego	Richfield	State Route 20	Hill	13	50.0	35.4	27.6	5/11/10	5/22/10	6/4/10
Schoharie	Wright Town	Kump Road	Hill	26	61.2	46.6	36.7	4/29/10	5/7/10	5/17/10
Schoharie	Schoharie	Abram Road/County Road 7	Hill	24	59.5	44.9	35.3	5/1/10	5/9/10	5/20/10
Schoharie	Sharon Spring	Maring Road	Hill	23	58.6	44.0	34.6	5/2/10	5/10/10	5/21/10
Schoharie	Richmondville	Warnerville Cutoff	Valley	22	57.8	43.2	33.9	5/3/10	5/12/10	5/23/10
Schoharie	Seward	Loenburgh Road	Hill	19	55.2	40.6	31.8	5/5/10	5/15/10	5/27/10
Schoharie	Seward	State Route 10	Hill	16	52.6	38.0	29.7	5/8/10	5/19/10	5/31/10

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.