

Summary of Alfalfa Height and Prediction of % NDF - May 11, 2011

County	Town	Road Name	Elevation	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	Bainbridge	Ives Settlement	1400	10	46.5	32.8	25.5	5/13/11	5/25/11	6/5/11
Chenango	Brisben	State Route 12	919	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Chenango	Earlville	Williams Road	1075	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Chenango	Lincklaen	Lincklaen Center Road	1270	9	45.7	31.9	24.8	5/14/11	5/26/11	6/6/11
Chenango	New Berlin	County Road 18	1109	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Chenango	Nineveh	County Road 26	966	13	49.1	35.4	27.6	5/11/11	5/21/11	5/31/11
Chenango	Oxford	State Route 220	1509	8	44.8	31.1	24.1	5/15/11	5/27/11	6/7/11
Chenango	Oxford	County Road 32	980	13	49.1	35.4	27.6	5/11/11	5/21/11	5/31/11
Chenango	S. Oxford	County Road 32	956	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Chenango	Sherburne	Furman Mills Road	1360	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Chenango	Sherburne	West Hill Road	1364	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Chenango	Sherburne	Bingham Road	1109	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Chenango	Sherburne	State Route 12 South	1046	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Chenango	Sherburne	County Route 24	1357	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Chenango	Sidney	State Route 8	980	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Chenango	Smyrna	County Route 20	1140	15	50.8	37.1	29.0	5/9/11	5/19/11	5/29/11
Fulton	Johnstown	Union Street	610	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Fulton	Oppenheim	Youkers Bush Road	965	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Fulton	Perth	Noonan Road	700	20	55.2	41.4	32.5	5/4/11	5/14/11	5/22/11
Fulton	St. Johnsville	County Road 140	659	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Herkimer	Danube	Cramer Road	693	15	50.8	37.1	29.0	5/9/11	5/19/11	5/29/11
Herkimer	German Flatts	Robinson Road	1372	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11

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Herkimer	Norway	Elm Tree Road	1123	9	45.7	31.9	24.8	5/14/11	5/26/11	6/6/11
Herkimer	Schulyer	Minots Corners Road	716	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Herkimer	Winfield	North Winfield Road	1243	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Madison	Bridgewater	State Route 8	1190	11	47.4	33.7	26.2	5/12/11	5/23/11	6/3/11
Madison	Cazenovia	East Road	1402	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Madison	Chittenango	Quarry Rd	640	17	52.6	38.8	30.4	5/7/11	5/17/11	5/26/11
Madison	DeRuyter	Quaker Basin Road	1365	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Madison	Earlville	Excell Road	1300	13	49.1	35.4	27.6	5/11/11	5/21/11	5/31/11
Madison	Fenner	Fenner Road	1304	12	48.2	34.1	26.6	5/12/11	5/23/11	6/2/11
Madison	Hamilton	Eaton Street	1180	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Madison	Hubbardsville	Wickwire Road	1224	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Madison	Lebanon	River Road	1134	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Madison	Lebanon	Jantzen Road	1394	15	50.8	36.7	28.7	5/9/11	5/20/11	5/29/11
Madison	Madison	Center Road	1219	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Madison	Smithfield	Gill Road	1196	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Montgomery	Canajoharie	Old Sharon Road	818	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Montgomery	Florida	Buhrmaster Road	800	19	54.3	40.6	31.8	5/5/11	5/15/11	5/23/11
Montgomery	Minden	Schuyler Road	590	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Montgomery	Minden	River Road	435	19	54.3	40.6	31.8	5/5/11	5/15/11	5/23/11
Montgomery	Mohawk	Pavlus Road	400	19	54.3	40.6	31.8	5/5/11	5/15/11	5/23/11
Montgomery	Palatine Bridge	Dygart Road	492	13	49.1	35.4	27.6	5/11/11	5/21/11	5/31/11
Montgomery	Pattersonville	Pattersonville Road	367	17	52.6	38.8	30.4	5/7/11	5/17/11	5/26/11

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Montgomery	St. Johnsville	Walrath Road	538	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Otsego	Cherry Valley	Dugay Road	763	15	50.8	37.1	29.0	5/9/11	5/19/11	5/29/11
Otsego	Cooperstown	County Road 33	1532	10	46.5	32.8	25.5	5/13/11	5/25/11	6/5/11
Otsego	Garrettsville	State Route 51	1254	11	47.4	33.7	26.2	5/12/11	5/23/11	6/3/11
Otsego	Otego	State Route 7	1072	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Otsego	Portlandville	County Road 35	1200	12	48.2	34.5	26.9	5/11/11	5/22/11	6/2/11
Otsego	Richfield	State Route 20	1712	10	46.5	32.8	25.5	5/13/11	5/25/11	6/5/11
Otsego	West Winfield	County Road 18	1118	14	50.0	36.3	28.3	5/10/11	5/20/11	5/30/11
Otsego	Worcester	County Road 40	1450	15	50.8	37.1	29.0	5/9/11	5/19/11	5/29/11
Schoharie	Fulton	State Route 30	668	19	54.3	40.6	31.8	5/5/11	5/15/11	5/23/11
Schoharie	Richmondville	Warnerville Cutoff	953	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Schoharie	Schoharie	Abram Road	971	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Schoharie	Seward	Loonenburg Road	1174	10	46.5	32.8	25.5	5/13/11	5/25/11	6/5/11
Schoharie	Sharon Springs	Maring Road	728	13	49.1	35.4	27.6	5/11/11	5/21/11	5/31/11
Schoharie	Sharon Springs	Briggs Road	1220	15	50.8	37.1	29.0	5/9/11	5/19/11	5/29/11
Schoharie	Wright	Sheldon Road	1330	16	51.7	38.0	29.7	5/8/11	5/18/11	5/27/11
Schoharie	Wright	Kump Road	1043	19	54.3	40.6	31.8	5/5/11	5/15/11	5/23/11

The desired NDF for all grass fields is 50%, 50/50 mixed alfalfa and grass fields is 44%, and pure alfalfa stands is 40%. Predicted days to cut are based on daily NDF increases for grasses of 1% point, 50/50 mixed stands of .8% points and alfalfa of .5% point. 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.

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