



## MFGA Green Gold Report – June 13, 2022 – WESTERN

Reports for Optimum Alfalfa Harvest Date cover Manitoba’s Central, Western, Eastern and Interlake areas.

SITE	RFV NIR	RFV PEAQ	Height	CP
Cartwright	-	-	-	-
Inglis	-	-	-	-
Laurier	150	184	25	29
McCreary	142	188	24	31
Miniota	-	-	-	-
Oak River	168	200	22	33
Ochre River		-	-	
Souris	190	166	28	38
<b>WESTERN AVERAGE</b>	<b>162</b>	<b>184</b>	<b>24</b>	<b>32</b>

The outcome of the fields are increasing in yield and height in the majority of the regions. The RFV lost 59 points over 5 days. The optimum cutting date is June 20.

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## **What is Hay Day?**

Hay Day is the estimated day that alfalfa will reach a Relative Feed Value (RFV) of 170. Past experience has shown that approximately 20 points are lost during the haying process and the time taken to get the entire crop cut, cured and baled. Silage shortens this process and therefore the quality can be higher. Grass/alfalfa mixes can and do reduce the RFV by 20-30 points depending on the % of the blend. Nutritionists like to target hay in the 135-150 RFV towards Dairy cows in the 1st trimester and towards dairy calves. The hay at 125-140 RFV is fed to the dairy cows in the last 200 days and heifers 12-18 months of age. Hay at 115-130 RFV makes excellent feed for beef cows and for heifers 12-18 months old while hay at 100-115 RFV is good for the dry cows and heifers between 18 and 24 months.

## **What is Relative Feed Value?**

Over the years we often get the question about Relative Feed Value (RFV). RFV is an excellent measure of alfalfa quality because it reflects the digestibility - Acid Detergent Fiber (%ADF) - and the intake potential - Neutral Detergent Fiber (% NDF) - of alfalfa. The guideline is 20-30-40, based on forage testing 30 percent ADF and 40 percent NDF, RFV would be 150 with 20 percent crude protein. Producers use this guideline when buying alfalfa and on the alfalfa they grow to determine quality. Obviously the more mature the alfalfa at harvest the higher the percent of ADF and NDF (lower RFV). However, rain damaged hay will also be higher in ADF and NDF because the soluble sugars and carbohydrates can be leached out. Rain damaged hay is also less palatable. Notice that RFV does not include the protein percent of the alfalfa! Astute dairy producers who purchase alfalfa not only utilize the chemical analysis and RFV, they also buy small quantities and feed it to the cows voluntarily to see if they readily consume it before deciding to purchase larger quantities.

Although the [MFGA Green Gold Program](#) targets a RFV of 150 as the optimum stage to put up alfalfa, many producers want higher quality hay for their livestock or the hay market. Through our program, you can follow the decline in RFV and time your harvest based on the quality desired.

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