

The Pasture, Rangeland, Forage Rainfall Index Program



Erin Roche

UMaine Cooperative Extension

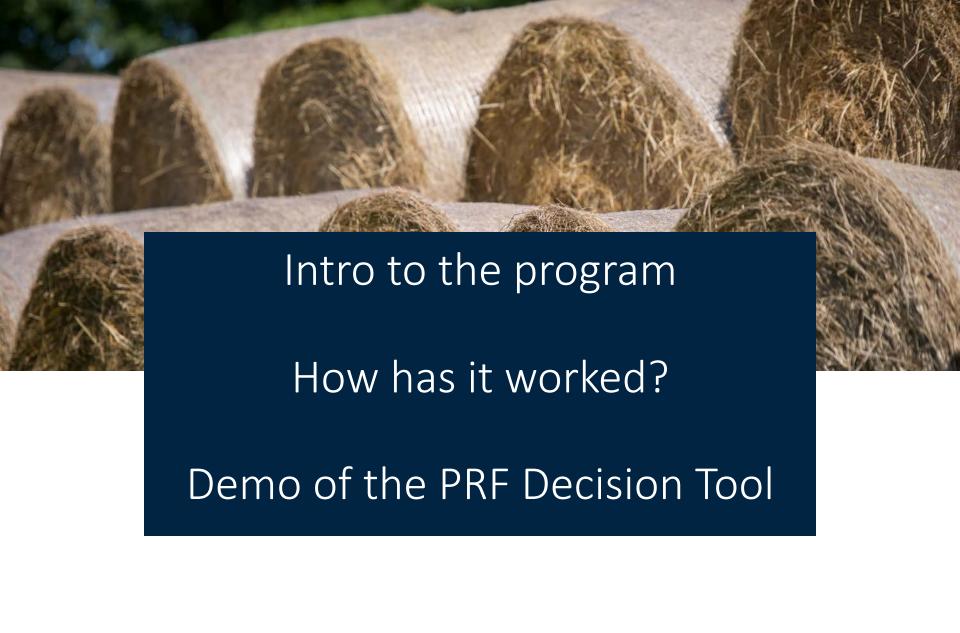
January 17, 2019



Maine Crop Insurance Education Program



Funding provided by the USDA Risk Management Agency



- Protects against a lack-ofprecipitation on hay and grazing acres
- An area-based policy
- No yield records, no loss adjustments

PRF Crop Insurance

But why? ...

Drought-challenged farmers see worry, not green grass, in their fields this summer, Sept. 2017, BDN



Why consider PRF?

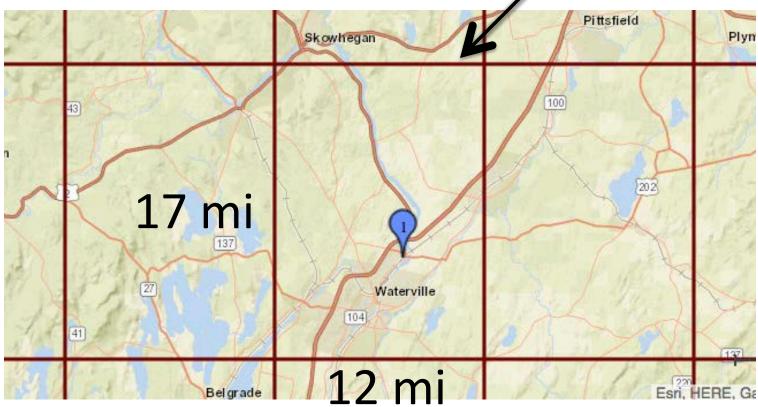
- Offsets costs associated with drier-than-normal weather
- Risk management strategies for grass are limited
- An affordable option?

The pasture behind orga from the lush green field farmer's ability to make

Insurance decisions

- Perennial "grazing" acres or "hayland";
- Which months to insure
 (i.e., Jan/Feb and Apr/May);
- Farmer decides what % of the grid's historical average precipitation to insure.

What is a grid?



The Rainfall Index is based off of NOAA data

Options

Coverage levels- 70 to 90% of historic precip.

- Productivity factor- 60 to 150%
 - * Way to put a lower or higher value on your "hay" or "grazing" acres.





PRF is unique

- Actual yields don't matter with PRF
- Possible to receive an indemnity (loss payment) without an actual crop loss
- Possible to experience an actual crop loss and receive no indemnity

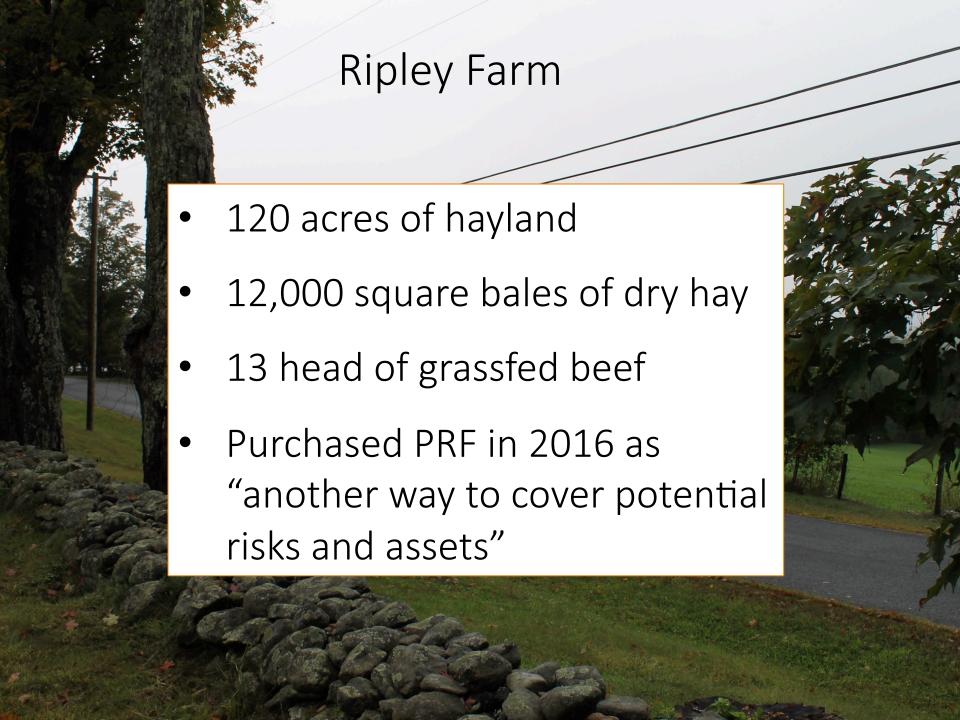
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	016, tate	% policies indemnified	Total Premium	Farmer Premium	Indemnity
N'	Υ	92% (155)	\$1,261,694	\$616,780	\$2,343,457
M	lΑ	100% (5)	\$15,738	\$7,082	\$26,926
V	Τ	100% (1)	\$118	\$53	\$47

For every \$1 in farmer premium, the farmer received \$3.74 in losses



Questions so far?





Ripley Farm Leon selected: Mar/Apr, May/June, Aug/Sept 85% coverage level on "hay" 150% productivity factor He paid \$23/ac for coverage Losses in 2016 & 2017



United States Department of Agriculture

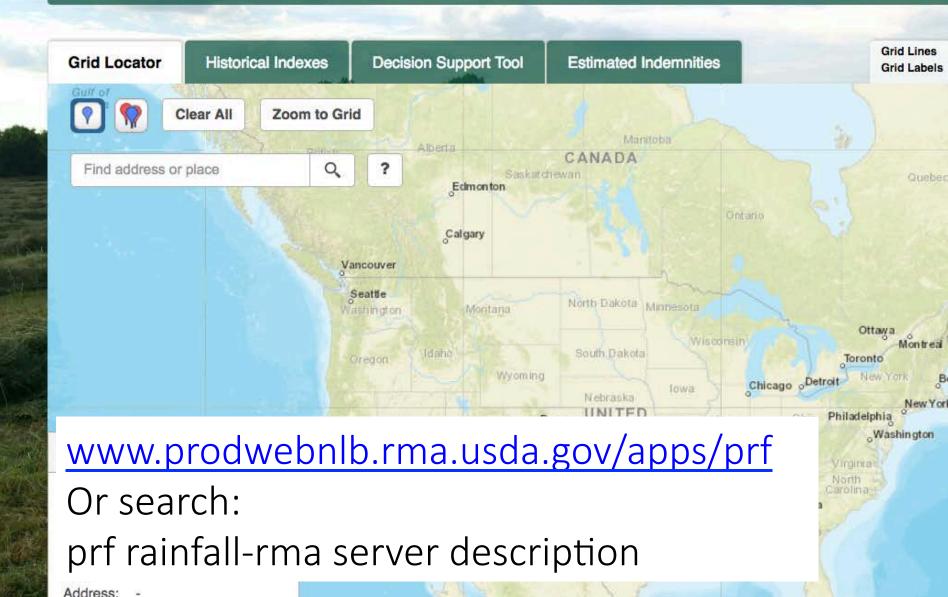
Risk Management Agency

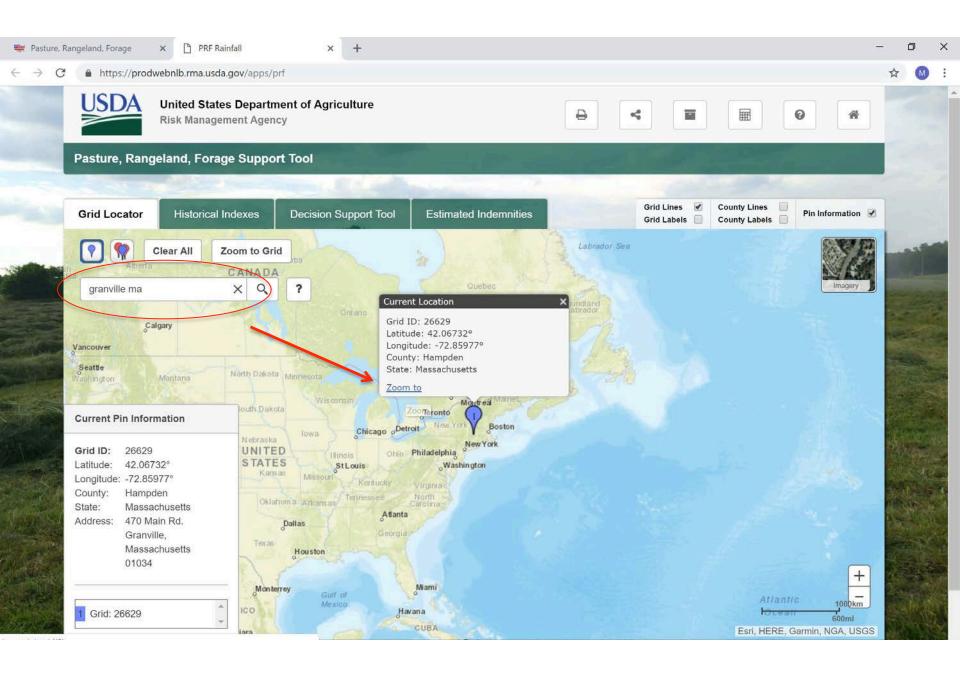


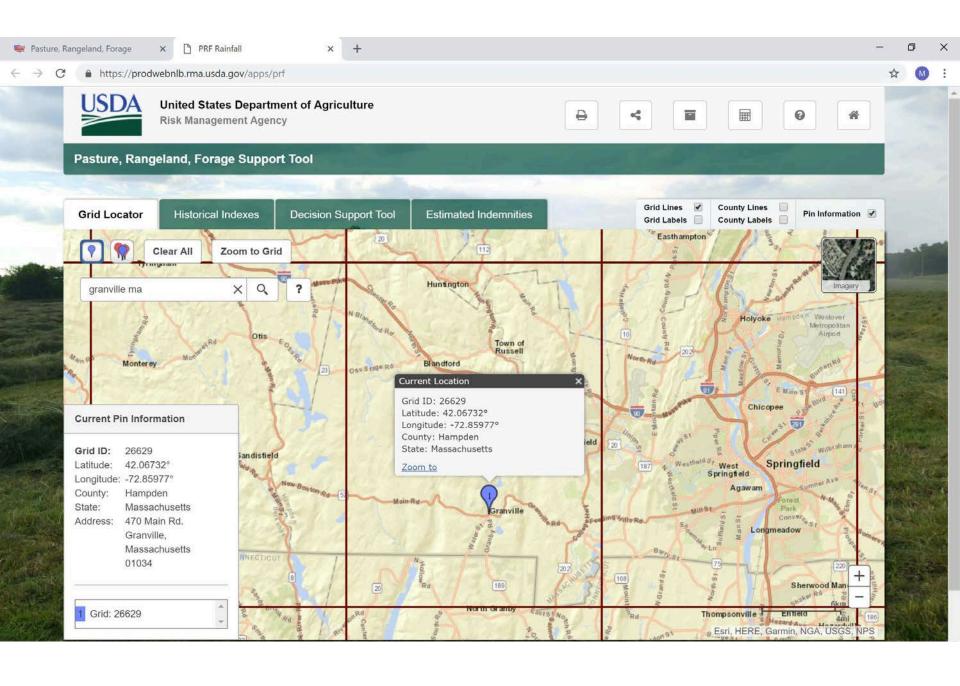


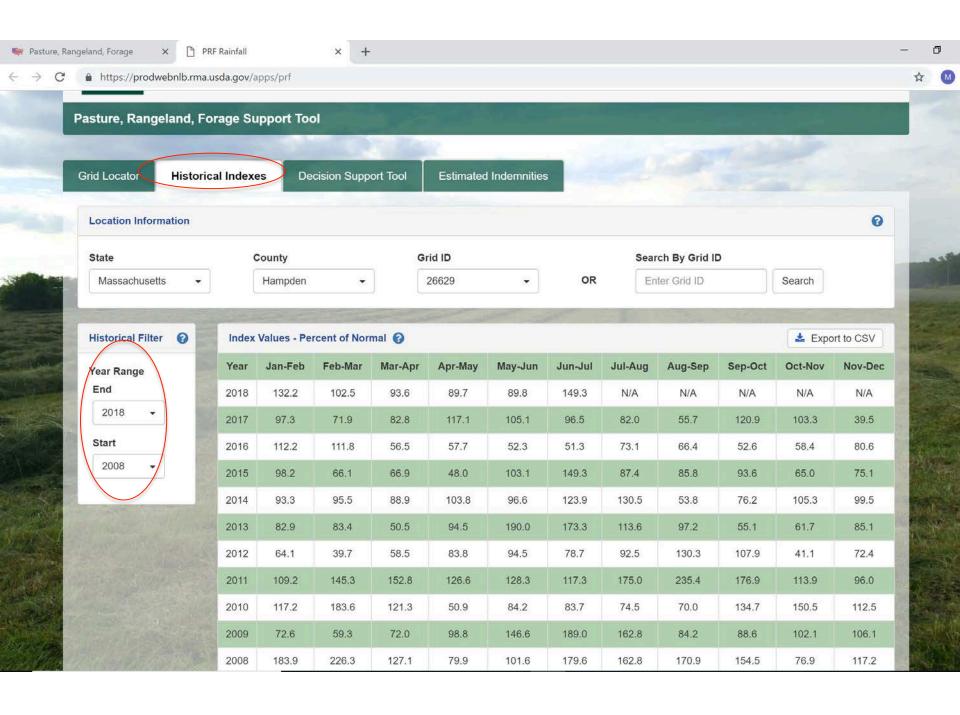


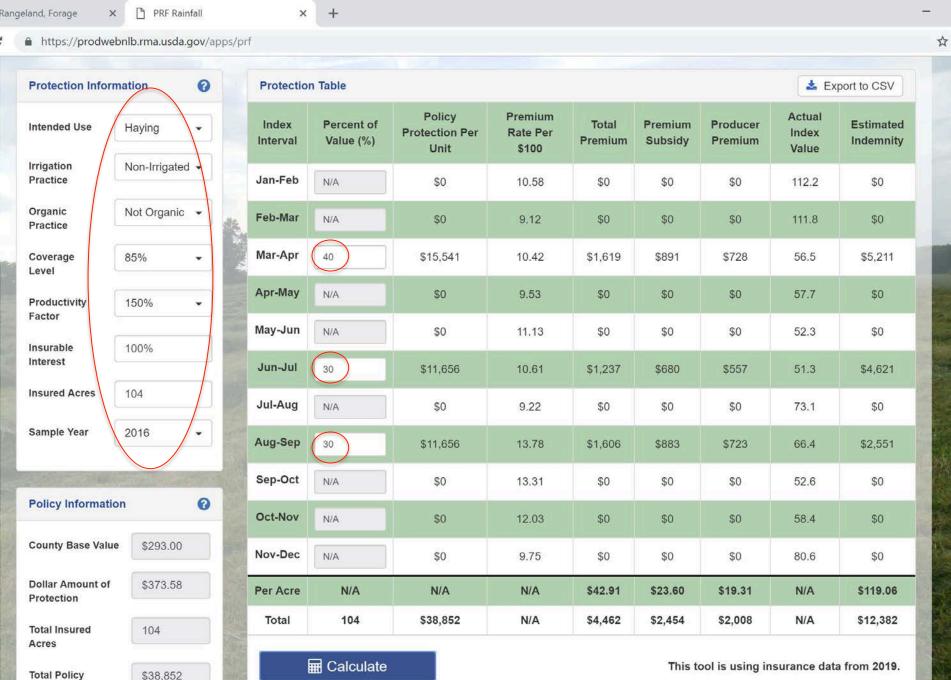
Pasture, Rangeland, Forage Support Tool



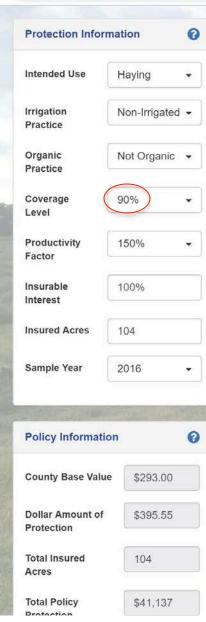






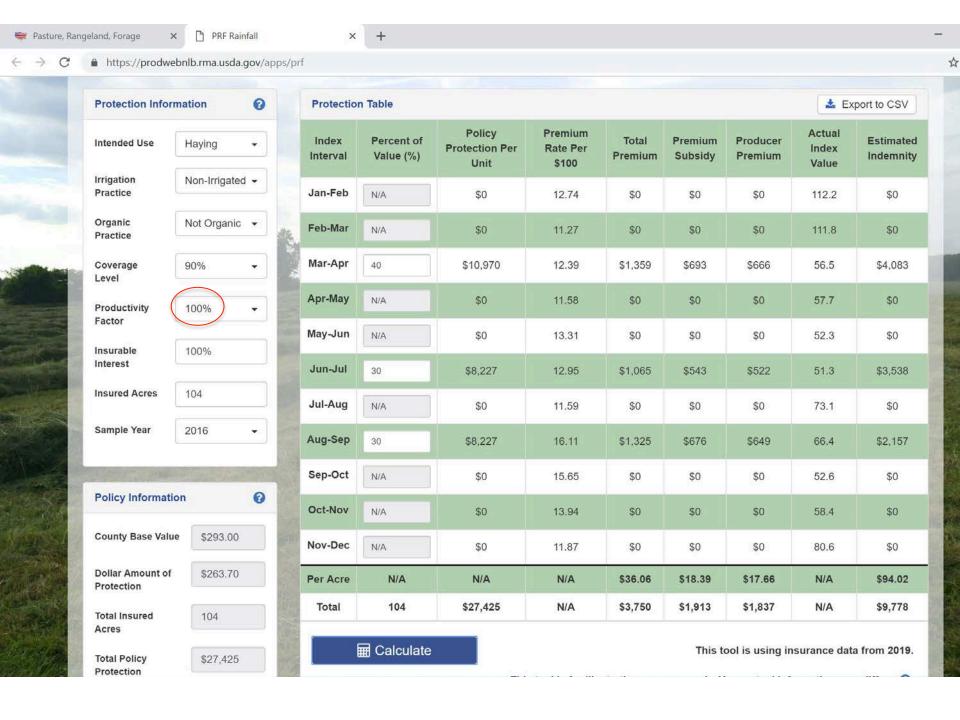


Protection



Protection	n Table						≛ Ex	port to CSV
Index Interval	Percent of Value (%)	Policy Protection Per Unit	Premium Rate Per \$100	Total Premium	Premium Subsidy	Producer Premium	Actual Index Value	Estimated Indemnity
Jan-Feb	N/A	\$0	12.74	\$0	\$0	\$0	112.2	\$0
Feb-Mar	N/A	\$0	11.27	\$0	\$0	\$0	111.8	\$0
Mar-Apr	40	\$16,455	12.39	\$2,039	\$1,040	\$999	56.5	\$6,125
Apr-May	N/A	\$0	11.58	\$0	\$0	\$0	57.7	\$0
May-Jun	N/A	\$0	13.31	\$0	\$0	\$0	52.3	\$0
Jun-Jul	30	\$12,341	12.95	\$1,598	\$815	\$783	51.3	\$5,307
Jul-Aug	N/A	\$0	11.59	\$0	\$0	\$0	73.1	\$0
Aug-Sep	30	\$12,341	16.11	\$1,988	\$1,014	\$974	66.4	\$3,236
Sep-Oct	N/A	\$0	15.65	\$0	\$0	\$0	52.6	\$0
Oct-Nov	N/A	\$0	13.94	\$0	\$0	\$0	58.4	\$0
Nov-Dec	N/A	\$0	11.87	\$0	\$0	\$0	80.6	\$0
Per Acre	N/A	N/A	N/A	\$54.09	\$27.58	\$26.50	N/A	\$141.04
Total	104	\$41,137	N/A	\$5,625	\$2,869	\$2,756	N/A	\$14,668

This tool is using insurance data from 2019.





Protection	n Table						🚣 Ex	ort to CSV
Index Interval	Percent of Value (%)	Policy Protection Per Unit	Premium Rate Per \$100	Total Premium	Premium Subsidy	Producer Premium	Actual Index Value	Estimated Indemnity
Jan-Feb	N/A	\$0	10.58	\$0	\$0	\$0	112.2	\$0
Feb-Mar	N/A	\$0	9.12	\$0	\$0	\$0	111.8	\$0
Mar-Apr	40	\$590	10.42	\$62	\$34	\$28	56.5	\$198
Apr-May	N/A	\$0	9.53	\$0	\$0	\$0	57.7	\$0
May-Jun	N/A	\$0	11.13	\$0	\$0	\$0	52.3	\$0
Jun-Jul	30	\$443	10.61	\$47	\$26	\$21	51.3	\$176
Jul-Aug	N/A	\$0	9.22	\$0	\$0	\$0	73.1	\$0
Aug-Sep	30	\$443	13.78	\$61	\$34	\$27	66.4	\$97
Sep-Oct	N/A	\$0	13.31	\$0	\$0	\$0	52.6	\$0
Oct-Nov	N/A	\$0	12.03	\$0	\$0	\$0	58.4	\$0
Nov-Dec	N/A	\$0	9.75	\$0	\$0	\$0	80.6	\$0
Per Acre	N/A	N/A	N/A	\$6.78	\$3.73	\$3.04	N/A	\$18.81
Total	25	\$1,476	N/A	\$169	\$93	\$76	N/A	\$470

■ Calculate

This tool is using insurance data from 2019.

This tool is for illustration purposes only. Your actual information may differ.







Important reminders

- Enrollment deadline is November 15, 2019.
- Find a crop insurance agent: <u>Agent Locator Tool</u>
- Try the <u>PRF Decision Support Tool</u>
- Questions? email erin.roche@maine.edu