

# Northern Michigan FruitNet 2014

## Northwest Michigan Horticultural Research Center

Special Update  
June 13, 2014

### **Growers need to be sure to print out the special 24 (c) label for using Bravo WeatherStik past shuckplit**

N.L. Rothwell, NWMHRC

This document will help growers find the special needed label for using Bravo WeatherStik past shucksplit

Many growers have not been able to find the special 24 (c) label for using Bravo WeatherStik past shucksplit; it is not currently available on the CDMS or Syngenta websites. In talking with the Syngenta representative, we found out that growers must go through the steps to obtain an Indemnified label—the regular Bravo WeatherStik label IS NOT ACCEPTED for this special use. The label is on [farmassist.com](http://farmassist.com) and is now available. This Section 24c Indemnified label must be obtained by the grower – neither Syngenta nor resellers may provide this label. The directions for navigating the [farmassist.com](http://farmassist.com) website are as follows:

1. Go to the <http://www.farmassist.com> website (simply click on the link provided here).
2. If you are a first time user, register as a new user.
3. Complete the registration information, and click on the "I accept" button.
4. Once into the site, look on the upper left side of the screen and select Products.
5. Select Indemnified Labels.
6. On this screen, select the State and product.
7. Note, take care to select the exact product name.

8. Click the submit button just below these windows.
9. On the next screen, you should see the title of any indemnified labels that fit your description. Select the desired crop and click submit.
10. You may now print the waiver.
11. In order to view, print or download the indemnified label, you must read and 'accept' the terms set forth in the "WAIVER OF LIABILITY AND INDEMNIFICATION AGREEMENT".
12. Click "I accept" to continue.
13. You will then receive a link to the label you have selected.
14. Click the link to display, print or download the label.

In addition to obtaining this special label via the farmassist website, growers must also sign the MDA training affidavit at [http://www.michigan.gov/mdard/0,4610,7-125-1568\\_2390\\_45088-275564--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-1568_2390_45088-275564--,00.html). This process is straight forward, and the signed affidavit must be kept with the special label and the spray records.

Lastly, we remind growers that the 24c label is only for Bravo Weather Stik (EPA Reg. No. 50534-188-100); other Bravo formulations, Chloronil or generic chlorothalonil products must be used under their Section 3 labels, and are not covered by this Special Local Needs label. Also, the rules to use this product past the traditional shucksplit timing need to be followed (refer to [http://msue.anr.msu.edu/news/tart\\_cherries\\_receive\\_24\\_c\\_for\\_use\\_of\\_bravo\\_weather\\_stik\\_chlorothalonil\\_bey](http://msue.anr.msu.edu/news/tart_cherries_receive_24_c_for_use_of_bravo_weather_stik_chlorothalonil_bey)). We highly recommend that growers check with their processor BEFORE using Bravo WeatherStik past shucksplit.

## **Disease Update – June 6, 2014**

Emily Pochubay and Nikki Rothwell

According to the regional disease report on Enviro-weather, the recent rain on 11 June resulted in potential apple scab and cherry leaf spot infections across the region. *Please note that the East Leland weather station was not accurately recording data due to faulty equipment on 11 June, and this problem has been resolved.*

# Northwest Disease Report: Most recent wetting event (Report issued 6/13/2014 11:25 )

Wetting periods start with rainfall (at least 0.01 inch) and continue until the start of at least eight hours without moisture (rainfall, leaf wetness, high relative humidity). Wetting periods are classified as "ongoing" until eight consecutive dry hours have passed. After that, the official end of the wetting period is recorded (the start of the 8 hour dry period).

Station	Start of wetting period	End of wetting period	Duration (Hrs.)	Avg temp (F)	Rainfall (in.)	Apple Scab (leaf)	Cherry Leaf Spot	Grape Leaf Black Rot	Time Period Assessed
Bear Lake	6/11 7-8AM	6/12 11AM-Noon	Wet: 28 Span: 29	61.6	0.21	Heavy (Symptoms appear: 6/22)	High	Yes	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Benzonia	6/11 8-9AM	6/12 11AM-Noon	Wet: 26 Span: 28	61.2	0.13	Heavy (Symptoms appear: 6/22)	High	Yes	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
East Leland	6/12 10-11AM	6/12 3-4PM	Wet: 3 Span: 6	64.4	0.16	None	None	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Eastport	6/11 10-11AM	6/12 11AM-Noon	Wet: 22 Span: 26	60.7	0.03	Heavy (Symptoms appear: 6/22)	High	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Elk Rapids	6/11 8-9AM	6/12 10-11AM	Wet: 27 Span: 27	61.3	0.33	Heavy (Symptoms appear: 6/22)	High	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM Missing hourly data: 6/13/2014 10-11AM (1 hour); Total of 1 missing hours
Kewadin	6/11 10-11AM	6/12 11AM-Noon	Wet: 26 Span: 26	61.5	0.1	Heavy (Symptoms appear: 6/22)	High	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Northport	6/11 4-5PM	6/12 8-9PM	Wet: 24 Span: 29	57.6	0.14	Heavy (Symptoms appear: 6/22)	High	Yes	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Old Mission	6/11 8-9AM	6/12 9-10AM	Wet: 25 Span: 26	59.7	0.06	Heavy (Symptoms appear: 6/22)	High	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM
Traverse City (NWMHRS)	6/11 9-10AM	6/12 10-11AM	Wet: 26 Span: 26	60.1	0.11	Heavy (Symptoms appear: 6/22)	High	No risk until pre-bloom period	Most recent period shown: 6/6 Midnight-1AM to 6/13/2014 10-11AM

Create CSV File From Regional Disease Report

More rain is predicted for Sunday 15 June evening and Tuesday 17 June, and the forecast is showing thunderstorms/windy conditions for Sunday. Growers need to protect from possible cherry leaf spot and apple scab infections prior to rain. We did not find apple scab spores following 11 June rain and hypothesize that heavier rainfall may have resulted in spore discharge. According to the apple scab model for the NWMHRC, 100% of spores are mature and 85% have been discharged. At this time, we are not calling the end of primary apple scab in NW Michigan. Other regions of the state that are further along in development have just called the end of primary scab infection this week. We will continue to monitor spores following rain this weekend and early next week. If temperatures exceed 65°F, fire blight may also be a concern if trees are damaged from high winds; there are no effective bactericide control options for fire blight after bloom.