

## ***Simcast Report Explanation***

<b>Color Legend, Rules and Definitions</b>
<b>Color Legend:</b>
Weather station temperature, relative humidity and rainfall
Forecast temperature, relative humidity and rainfall
Forecast temperature and relative humidity, rainfall not available
<b>Disease forecast alert</b>
<b>Post-mefenoxam protectant fungicide alert</b>
<b>Date of Blitecast first disease forecast alert</b>
Fungicide application
Rainfall including irrigation
Missing weather data
<b>Rules:</b>
1. Date of 1st fungicide application is determined by Blitecast.
2. Fungicide Units are calculated after fungicide is applied.
3. Next fungicide is recommended when:
(a) Blight unit or fungicide unit thresholds have been exceeded.
(See Below for Table of Thresholds)
NOTE: Minimum spray intervals for fungicides are NOT taken into account.
The user is responsible for adhering to label requirements.
<b>Definitions:</b>
1. One Day
- A day starts at 12 noon and continues for 24 hours
- For example, 6/7 12 noon up to but NOT including 6/8 12 noon is one day.

## Thresholds

Active Ingredients <sup>1</sup>		Product Example	Thresholds					
			Susceptible		Moderately Susceptible		Moderately Resistant	
Active Ingredient 1	Active Ingredient 2		Blight Units	Fungicide Units	Blight Units	Fungicide Units	Blight Units	Fungicide Units
azoxystrobin		Quadris	30	-15	35	-17	40	-25
azoxystrobin	chlorothalonil	Quadris Opti	30	-15	35	-17	40	-25
chlorothalonil		Bravo WS	30	-15	35	-17	40	-25
chlorothalonil	zoxamide	Zing!	34	-15	39	-17	44	-25
copper hydroxide		Champ WG	27	-13	32	-15	37	-23
copper oxychloride		Badge SC	27	-13	32	-15	37	-23
cuprous oxide		Nordox	27	-13	32	-15	37	-23
cyazofamid		Ranman 400 SC	37	-18	42	-20	47	-28
cymoxanil		Curzate 60DF	30	-15	35	-17	40	-25
dimethomorph		Forum	30	-18	35	-20	40	-28
famoxadone	cymoxanil	Tanos DF	30	-15	35	-17	40	-25
fenamidone		Reason 500 SC	30	-15	35	-17	40	-25
fentin hydroxide		Super Tin 80 WP	30	-15	35	-17	40	-25
fluopicolide		Presidio	37	-18	42	-20	47	-28
mancozeb		Dithane DF	30	-15	35	-17	40	-25
mancozeb	zoxamide	Gavel 75 DF	34	-15	39	-17	44	-25
mandipropamid		Revus	37	-18	42	-20	47	-28
mandipropamid	difenoconazole	Revus Top	37	-18	42	-20	47	-28
mefenoxam or metalaxyl-m	chlorothalonil	Ridomil Gold Bravo	45	-15	50	-17	55	-25
mefenoxam or metalaxyl-m	copper hydroxid	Ridomil Gold Copper	45	-13	50	-15	55	-23
mefenoxam or metalaxyl-m	mancozeb	Ridomil Gold MZ	45	-15	50	-17	55	-25
metiram		Polyram 80 DF	30	-15	35	-17	40	-25
mono- and di- potassium salts of phosphorous acid		Helena Prophyt	27	-18	32	-20	37	-25
mono- and di- potassium salts of phosphorous acid	chlorothalonil	Catamaran	30	-15	35	-17	40	-25
phosphorous acid		Phostrol	27	-18	32	-20	40	-28
propamocarb hydrochloride		Previcur Flex	37	-18	42	-20	47	-28
pyraclostrobin		Cabrio EG	30	-15	35	-17	40	-25
trifloxystrobin		Flint (tomatoes)/Gem	30	-15	35	-17	37	-25
zoxamide		Zoxium 80 WSP	34	-15	39	-17	44	-25

<sup>1</sup> *Includes coformulations containing two active ingredients. Not all ingredients/products are registered for use on potatoes and tomatoes. Therefore, options on the DSS interface may differ from this list.*