

UW Peninsular Research Station

Phone: 920-743-5406 Pest Advisory Call-In: 920-743-3321 or 1-800-236-4231

July 30, 2009

The lack of rainfall is resulting in significant drought stress in unirrigated fruit crops peninsula wide. Most important is the stress on the ripening tart cherry crop. A lack of adequate moisture will definitely reduce fruit size and in some orchards, along with the heavy crop, delay maturity. Young cherry trees, those that are 15 years and younger, will be the most severely affected by the drought conditions. Growers will need to consider this when planning harvest dates and when making Ethrel applications. Ethrel applied too early will increase plant stress and cause the abscission layer to form between the cherry and stem, the fruit will not continue to size as normal resulting in even greater reductions in size and yield.

Crop Development	Casco	Southern Door	Sturgeon Bay	Egg Harbor	Sister Bay
Codling Moth Spray Timing ^c 2 nd Generation	August 10 + 10-14days	August 10 + 10-14days	August 15 + 10-14days	August 15 + 10-14days	August 15 + 10-14days
Growing Degree Days B50	1226	1183	1073	1097	1097

^c Codling moth control sprays are estimated for those orchards that are on the bayside or centrally located on the peninsula. For orchards that are on the lake side applications may need to be delayed for 5-7 days.

Cherry Leafspot Infections 2009

Date	Casco	Southern Door	Sturgeon Bay	Egg Harbor	Sister Bay
May 26-28	Moderate	Moderate	Moderate	Moderate	Moderate
June 6-7	None	None	None	None	Light
June 8-9	None	Moderate	Borderline	None	Light
June 30 – July 1	Moderate	Moderate	Moderate	Moderate	Moderate
July 22	None	Light	None	None	None
July 23-24	None	Moderate	None	None	None
July 24	None	Light	None	None	None
July 25-26	None	Heavy	Moderate	Heavy	Moderate
July 26-27	None	Light	None	None	Moderate
July 27-28	Light	None	None	None	None

Apple Scab Infections 2009

Date	Casco	Southern Door	Sturgeon Bay	Egg Harbor	Sister Bay
April 25-26	Moderate	Moderate	Borderline	Borderline	Borderline
May 7	None	None	None	None	Borderline
May 13-14	None	None	None	None	Light
May 26-28	Heavy	Heavy	Heavy	Heavy	Heavy
June 8-9	None	Heavy	Moderate	Light	Moderate
June 30 – July 1	Light	Light	Light	Light	Light
July 22	None	Light	None	None	None
July 23-24	None	Moderate	None	None	None
July 25-26	None	Heavy	Moderate	Heavy	Moderate
July 26-27	None	Light	None	None	Moderate
July 27-28	Light	None	None	None	None