

University of Idaho, Bonneville County Extension

Eastern Idaho PEST ALERT

Bannock, Bingham, Bonneville, Cassia, Fremont, Jefferson, and Madison Counties

July 2, 2021

Codling Moth

Recent hot temperatures and a hot forecast have changed some of the spray dates. Be sure to check the table for the most recent information.

Change the product you use for the second generation to reduce the likelihood of developing pesticide resistance.



Scott Bauer, USDA Agricultural Research Service, Bugwood.org



Eugene E. Nelson, Bugwood.org



First Generation Spray Timing Table

Location	Option A Apply First Spray	Option B		Greatest Period of 1 st Generation Egg Hatch	End of first generation egg hatch
		Apply Oil	Apply First Insecticide		
Burley	May 28	May 27	June 8	June 5 – June 21	July 2
Pocatello East Side	May 26	May 24	June 4	June 3 – June 18	June 29
Pocatello Airport	June 3	June 1	June 8	June 7 – June 23	July 5
Fort Hall	June 7	June 5	June 9	June 8 – July 26	July 5
Blackfoot	June 5	June 4	June 14	June 13 – June 27	July 10
Idaho Falls Air- port	June 6	June 4	June 14	June 13 – June 30	July 14
Idaho Falls/ Shelley	June 4	June 3	June 13	June 12 – June 27	July 11
Ucon	June 5	June 4	June 14	June 13 – June 30	July 11
Rigby	June 5	June 4	June 15	June 14– July 1	July 19
Ririe	June 9	June 7	June 17	June 15 – July 1	July 17
Rexburg	June 9	June 7	June 17	June 15 – July 1	July 16
Sugar City	June 12	June 11	June 21	June 16 – July 6	July 22
St Anthony	June 12	June 11	June 22	June 18 – July 8	July 23

Second Generation Spray Timing Table		
Location	Apply First Spray	Greatest Period of 2 nd Generation Egg Hatch
Burley	July 10	July 23– unknown
Pocatello East Side	July 4	July 15– July 29
Pocatello Airport	July 14	July 27– unknown
Fort Hall	July 16	July 30- unknown
Blackfoot	July 19	July 31- unknown
Idaho Falls Airport	July 24	unknown
Idaho Falls/Shelley	July 21	Aug 4- unknown
Ucon	July 21	Aug 3- unknown
Rigby	Aug 2	unknown
Ririe	July 28	unknown
Rexburg	July 26	unknown
Sugar City	Aug 1	unknown
St Anthony	Aug 3	unknown

Codling Moth Spray Options

Ingredient	Efficacy	Residual length (days)	Mode of Action (MOA) and Comments
Conventional			
Carbaryl (old Sevin products)	Good	14	MOA 1
Gamma-cyhalothrin (Spectracide Triazicide)	Good to Excellent	14 – 17	MOA 3. Last application at least 21 days prior to harvest
Malathion (Bonide Malathion, Hi Yield Malathion)	Good	5 – 7	MOA 1. Max 2 applications; some products are pears only
Zeta cypermethrin (Garden Tech Sevin)	Good to Excellent	14 – 17	MOA 3. Last application at least 14 days prior to harvest
Organic			
Azadirachtin (Safer BioNeem)	Fair to Good	7 – 10	MOA not classification
Codling moth virus (Cyd-X)	Good (if populations low)	7	MOA no classification. Works best when used at beginning of generation
Kaolin clay (Surround)	Fair	7	MOA no classification. Produces protective barrier
Oil (All Seasons Oil, EcoSmart, Neem)	Fair	3	MOA no classification. Recommended for the first application of the generation only
Pyrethrin (Ortho Fruit Spray, Fertilome Fruit Tree Spray, Safer End All)	Good	3 – 5	MOA 3
Spinosad (Monterey/ Fertilome Spinosad)	Good	7 – 10	MOA 5. Max 6 applications



Fire Blight:

Continue to prune out any wood with fire blight symptoms. Disinfect the pruners between each cut with 10% bleach solution, rubbing alcohol, or disinfectant wipes.



Jason Sharman, Vitalitree, Bugwood.org

Jason Sharman, Vitalitree, Bugwood.org

Billbugs



5490547

David Shetlar, The Ohio State University, Bugwood.org

Billbugs can plague our lawns, especially when it gets hot and dry outside. If you're starting to see round dead spots appearing in your lawn (and it's not just your dog), you may want to check out some of the resources to help you determine if you have a billbug problem and how you can take care of the problem.

How to Diagnose Turf for Billbugs, USU:

https://youtu.be/0_tQwbKrpZ4

Building a Monitoring Trap for Billbugs in Recreational Turf, USU:

<https://youtu.be/wqvVWMwdHq0>

Information on Billbugs, USU:

https://extension.usu.edu/pests/ipm/turf-pest-guide/ar_billbugs



5490539

	Facebook.com/ UIExtensionBonneville
	https://www.instagram.com/bonnevilleidaho/
	@CountyExtension


University of Idaho
 Extension
 Bonneville County

Bonneville County Extension
 1542 E 73rd S
 Idaho Falls, ID 83401
 (208)529-1390
 Bonneville@uidaho.edu