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Selected WWW Viticulture Pesticide & Spray Drift Mgt. Resources

General Pesticide Management Guides:

1. 2012 Midwest Small Fruit Spray Guide PM 1375:
<https://store.extension.iastate.edu/ItemDetail.aspx?ProductID=4796>
2. Midwest Small Fruit Pest Mgt. Handbook: <http://ohioline.osu.edu/b861/index.html>
3. North Central IPM Guide: <http://www.ipmcenters.org/pmsp/pdf/NorthCentralGrapePMSP.pdf>
4. NY & PA IPM Grape Pest Mgt: <http://ipmguidelines.org/grapes/>
5. Pest Control in Small Vineyards, Michigan State University \$2:
<http://web2.msue.msu.edu/bulletins2/product/pest-control-in-small-vineyards-grape-541.cfm>
6. 2012 Pest Management Guide for Grapes in Washington – EB0762, \$8.50:
<https://pubs.wsu.edu/ListItems.aspx?Keyword=pest%20management%20%20grape>
7. 2012 Grape Spray Guide, Virginia Tech Univ: http://pubs.ext.vt.edu/456/456-017/Section-3_Grapes-1.pdf
8. Fungicide Resistance Action Committee: <http://www.frac.info/frac/index.htm>
9. Pesticide Labels and MSDS sheets: <http://www.cdms.net/LabelsMsds/LMDefault.aspx>
10. Compendium of Herbicide Adjuvants, Southern IL Univ.: <http://www.herbicide-adjuvants.com/>
11. Dr. Wayne Wilcox's 2012 annual Grape Disease Control update:
<http://www.fruit.cornell.edu/grape/pdfs/Wilcox-Grape%20Disease%20Control%202012.pdf>
12. VineSmith's Toolkit – Commercial Pesticide Use charts and guides by Jeanette Smith - \$39:
<http://www.vinesmith.com/tool-kit/>
13. Effective Vineyard Spraying, 8/2010- 62 pp. by Dr. Andrew Landers at Cornell University:
Approx. \$61 with postage. <http://www.effectivespraying.com/>

Herbicide Drift Damage to Grapes:

1. Protecting Oklahoma's Vineyards from Phenoxy Drift: OK Department of Ag:
<http://www.oda.state.ok.us/forms/cps/grapebroc.pdf>
2. Spray Drift Risk Poster, OK Department of Ag:
<http://www.oda.state.ok.us/forms/cps/spraydriftposter.pdf>
3. Spray Drift Risk Brochure, OK Department of Ag:
<http://www.oda.state.ok.us/forms/cps/spraydriftbrochure.pdf>
4. Pesticide drift complaint form, OK Department of Ag:
<http://www.oda.state.ok.us/forms/cps/complaint.pdf>
5. Questions & Answers about Vineyard Injury From Herbicide Drift, KSU:
<http://www.ksre.ksu.edu/library/hort2/mf2588.pdf>
6. Preventing Hormonal-Type Herbicide Damage to Grapes, KSU:
http://www.ksda.gov/includes/document_center/pesticides_fertilizer/Drift/Prev_Horm_Damage_Grapes.pdf
7. Avoiding Phenoxy Herbicide Damage to Grapes, Ed Hellman, TX A&M:
<http://winegrapes.tamu.edu/grow/phenoxy.html>
8. Preventing Herbicide Drift and Injury to Grapes, ES8860 Oregon State Univ:

- <http://extension.oregonstate.edu/catalog/pdf/em/em8860.pdf>
9. Protecting Pesticide Sensitive Crops, Univ. of Nebr:
<http://www.ianrpubs.unl.edu/e-public/live/g2179/build/g2179.pdf>
 10. Detailed list of Growth Regulator Herbicides, Univ. of NE:
<http://www.ianrpubs.unl.edu/e-public/live/ec130/build/ec130%20herbicide%20use%20appendices.pdf>
 11. Phenoxy Herbicide, 2,4-D Injury, Michigan State University:
<http://www.grapes.msu.edu/2,4-D.htm>
 12. Organic Acid Herbicide: volatility and side reactions, 1998 Farm Note 47/97 Western Australia Dept. of Ag: http://www.agric.wa.gov.au/objtwr/imported_assets/content/pw/weed/herb/f04797.pdf
 13. Hormone Herbicides: What you should know, 2008 Farm Note 61/99, Western Australia Dept. of Ag: http://www.agric.wa.gov.au/objtwr/imported_assets/content/pw/chem/f06199.pdf
 14. Phenoxy Herbicide Leaf Index and Severity Rating, Washington State University:
<http://feql.wsu.edu/eb/index.htm>
 15. Vineyard Herbicide Injury Report of Loss Form, Washington State Dept. of Agriculture:
<http://feql.wsu.edu/eb/vineloss.pdf>
 16. Herbicide Injury to Grapes, ISU: <http://viticulture.hort.iastate.edu/info/pdf/herbicideinjury.pdf>
 17. Glyphosate Injury to Grapes, Michigan State Univ.: <http://www.grapes.msu.edu/glyphosate.htm>
 18. Questions About 2,4-D and Grapes, Michigan State Univ.:
<http://www.canr.msu.edu/vanburen/f24Dinj.htm>
 19. Herbicide Injury Diagnostic Key, Univ. of WI:
<http://fyi.uwex.edu/weedsci/herbicide-injury-diagnostic-key/>
 20. 1999 Simulated Drift of Herbicides on Grapes, Tomatoes, Cotton, and Sunflower study:
http://www.cwss.org/proceedingsfiles/2000/107_2000.pdf

Avoiding Spray Drift:

1. ISU Drift Management & Nozzle Selection Resources:
<http://www.weeds.iastate.edu/reference/spray/default.htm>
2. National Coalition for Drift Minimization: <http://pep.wsu.edu/ncodm/>
3. Spray Drift Task Force publications: http://www.agdrift.com/Text%20pages/Pub_PDF.htm

History of 2, 4-D:

1. *In the beginning: the multiple discovery of the first hormone herbicides*, Weed Science, 49:290–297. 2001: <http://www.agron.iastate.edu/courses/agron317/2005/readings/2,4Dhistory.pdf>
2. *Dec. 2005 Industry Task Force II on 2,4-D Research Data*:
<http://www.24d.org/background/Backgrounder-What-is-24D-Dec-2005.pdf>

2,4-D and Dicamba Resistant Corn, Soybeans and Grapes

1. *2,4-D Resistant Grape Could Revitalize Midwest Grape Industry*, 10-14-08, Univ. of IL Urbana-Champaign: <http://www.aces.uiuc.edu/news/stories/news4528.html>
2. *Delicate dance continues over labeling, dicamba resistant crop approvals*, 9-21-12 – Agri-Pulse: <http://www.agri-pulse.com/Delicate-dance-continues-over-labeling-dicamba-tolerant-crop-approvals-09212012.asp>
3. *Low Volatility Dicamba and Seed*, 9-11-12 – Global Seed Blog:
<http://www.intlcorn.com/seedsiteblog/?p=847>
4. *BASF submits application for registration of new Engenia™ herbicide*, 4-10-12 – BASF:
<http://www.basf.com/group/corporate/en/news-and-media-relations/news-releases/news-releases-usa/P-12-079>

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