**IMPLAN Analysis Details**

**All Models:**

* Dollar Year = 2022 (to match input data)
* Data Year = 2023 (to match purchased Pennsylvania 2023 IMPLAN data)
* Results reported in 2025 dollars

**Model 1: Erie County, All Crops & Timber**

* Region = Erie County, Pennsylvania
* All values from 2022 Census of Agriculture except for Grapes & Timber (described in Methods section of report)



* *Notes:*

1. *Includes crops from Industry 1, but included in Industry 2 based on majority of crops*
2. *Includes crops from Industry 5, but included in Industry 4 based on majority of crops*
3. *Missing data input as zero for multiple species, including valuable and susceptible Black Walnut*

**Model 2: Erie County, Grapes Only**

* Region = Erie County, Pennsylvania
* Grape production and loss value calculation explained in Methods Section of Report



**Model 3: Erie County, Wineries Only**

* Region = Erie County, Pennsylvania
* Winery loss value calculation explained in Methods Section of Report



* *Notes:*

1. *Based on a 1% potential reduction in the industry output in county from IMPLAN data*

**Model 4: Economic Spillover to the rest of Northwest PRISM Region, Grapes & Wineries**

* Region = Created a Northwest PRISM Region less Erie County
  + The proposed Northwest PRISM region consists of (in addition to Erie County) Warren, McKean, Crawford, Mercer, Venango, Forest, Elk, Lawrence, Butler, Clarion, Jefferson, and Armstrong Counties in Pennsylvania
* Selected "MRIO" for analysis. In results, filtered by region to show only NW PRISM region effects



**Model 5: Economic Spillover to the rest of Pennsylvania, Grapes & Wineries**

* Region = Created a Pennsylvania region less Erie County
* Selected "MRIO" for analysis. In results, filtered by region to show only Pennsylvania effects

