Below are examples of Outcome Measures for each Specialty Crop Multi-State Program project type. For Crop Specific Projects Addressing Common Issues, Multi-State Partners must develop at least one project-specific outcome measure. Multi-State Partners may also develop project specific outcome(s) and indicator(s) in lieu of the outcome measures below. Outcome measures developed by Multi-State Partners are subject to approval by USDA, AMS.

For projects utilizing established Outcome Measures, select at least one of the outcome measures and at least one indicator. If there are multiple sub-indicators under the selected indicator, applicants must select at least one. Complete the fillable text fields for the indicator(s) selected and copy the completed text into the project narrative template in section 5 Expected Outcome Measures. Any outcomes not applicable to the proposal should not be included in the project narrative template.

For projects utilizing Outcome Measures developed by Multi-State Partners, use the format below, copy the completed text into the project narrative template in section 5 Expected Outcome Measures.

***Food Safety Projects***

|  |  |
| --- | --- |
|  | **Outcome:** Enhance the competitiveness of specialty crops through increasing the number of viable technologies to improve food safety. |
|  | **Indicator 1:** Enter number viable technologies developed or modified for the detection and characterization of specialty crop supply contamination from foodborne threats. |
|  | **Indicator 2:** Enter number viable prevention, control, and intervention strategies for all specialty crop production scales for foodborne threats along the production continuum. |
|  | **Indicator 3:** Enter number individuals learned about prevention, detection, control, and intervention food safety practices and Enter number of those individuals increased their food safety skills and knowledge. |
|  | **Indicator 4:** Enter number improved prevention, detection, control, and intervention technologies. |
|  | **Indicator 5:** Enter number reported changes in prevention, detection, control, and intervention strategies. |
| **Description of data collection methods:** Click here to enter text. | |
| **Description of activities to monitor and report on outcomes:** Click here to enter text. | |

|  |  |
| --- | --- |
|  | **Outcome:** Enhance the competitiveness of specialty crops through increased understanding of threats to food safety from microbial and chemical sources. |
|  | **Indicator 1:** Enter number projects focused on increased understanding of the ecology of fecal indicators and pathogens. |
|  | **Indicator 2:** Enter number projects focused on increased safety of all inputs into the specialty crop chain. |
|  | **Indicator 3:** Enter number projects focused on increased understanding of the roles of humans, plants, and animals as vectors. |
|  | **Indicator 4:** Enter number projects focused on increased understanding of preharvest and postharvest process impacts on microbial and chemical threats. |
|  | **Indicator 5:** Enter number growers or producers obtaining on-farm food safety certifications (such as Good Agricultural Practices or Good Handling Practices). |
| **Description of data collection methods:** Click here to enter text. | |
| **Description of activities to monitor and report on outcomes:** Click here to enter text. | |

***Plant and Pest Disease Projects***

|  |  |
| --- | --- |
|  | **Outcome:** Enhance the competitiveness of specialty crops through more sustainable, diverse, and resilient specialty crop systems. |
|  | **Indicator 1:** Enter number new or improved innovations models (biological, economic, business, management, etc.), technologies, networks, products, processes, etc. developed for specialty crop entities including producers, processors, distributors, etc. |
|  | **Indicator 2:** Enter number innovations adopted. |
|  | **Indicator 3:** Enter number specialty crop growers/producers (and other members of the specialty crop supply chain) that have increased revenue expressed in dollars. |
|  | **Indicator 4:** Enter number new diagnostic systems analyzing specialty crop pests and diseases (Diagnostic systems refer to, among other things: labs, networks, procedures, access points.). |
|  | **Indicator 5:** Enter number new diagnostic technologies available for detecting plant pests and diseases (The intent here is not to count individual pieces of equipment or devices, but to enumerate technologies that add to the diagnostic capacity.). |
|  | **Indicator 6:** Enter number first responders trained in early detection and rapid response to combat plant pests and diseases. |
|  | **Indicator 7:** Enter number viable technologies/processes developed or modified that will increase specialty crop distribution and/or production. |
|  | **Indicator 8:** Enter number growers/producers that gained knowledge about science-based tools through outreach and education programs. |
| **Description of data collection methods:** Click here to enter text. | |
| **Description of activities to monitor and report on outcomes:** Click here to enter text. | |

***Research Projects***

|  |  |
| --- | --- |
|  | **Outcome:** Enhance the competitiveness of specialty crops though greater capacity of sustainable practices of specialty crop production resulting in increased yield, reduced inputs, increased efficiency, increased economic return, and/or conservation of resources. |
|  | **Indicator 1:** Enter number plant/seed releases (i.e., cultivars, drought‐tolerant plants, organic, enhanced nutritional composition, etc.). |
|  | **Indicator 2:** Adoption of best practices and technologies resulting in increased yields, reduced inputs, increased efficiency, increased economic return, and conservation of resources.  a. Enter number growers/producers indicating adoption of recommended practices.  b. Enter number growers/producers reduction in pesticides, fertilizer, water used/acre.  c. Enter number producers reporting increased dollar returns per acre or reduced costs  per acre.  c. Enter number acres in conservation tillage or other best management practice. |
|  | **Indicator 3:** Enter number habitat acres established and maintained for the primary benefit of pollinators and specialty crops. |
| **Description of data collection methods:** Click here to enter text. | |
| **Description of activities to monitor and report on outcomes:** Click here to enter text. | |

***Marketing and Promotion Projects***

|  |  |
| --- | --- |
|  | **Outcome:** Enhance the competitiveness of specialty crops through increased sales. |
|  | **Indicator 1:** Sales increased from $Enter dollar amount to $Enter dollar amount and by Enter number percent as a result of marketing and/or promotion activities. |
| **Description of data collection methods:** Click here to enter text. | |
| **Description of activities to monitor and report on outcomes:** Click here to enter text. | |