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| **MICHIGAN FRUIT INVENTORY - 2022** | | | | | | | | | |
|  | | | | | | | | | |
|  | | | | | | | | OMB No. 0535-0039  Approval Expires: 02/29/2024  Project Code: 491 QID:  SMetaKey: | |
| **SURVEY_LOGO_1:USDA_logo_bw.gif** | **United States**  **Department of**  **Agriculture** |
|  |  | |  | | | | |  | **NATIONAL**  **AGRICULTURAL**  **STATISTICS**  **SERVICE** |
|  |  | |  | | | | |  |  |
|  |  |  | |  | |  |  | **USDA/NASS – Michigan**  Great Lakes Region  3001 Coolidge Rd., Ste 400  East Lansing, MI 48823  Telephone: (517) 324-5300  Facsimile: (855) 270-2709  E-mail: SM.AS.FOD.GLR@usda.gov | |
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| Please make corrections to name, address and ZIP Code, if necessary | | | | |  | | | | |
| Michigan’s fruit industry needs updated information for planning, marketing, and production forecasting.  The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: https://www.nass.usda.gov/confidentiality. Response is **voluntary.** | | | | | | | | | |
|  | | | | | | | | | |
| According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0039. The time required to complete this information collection is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. | | | | | | | | | |
| |  | | --- | | **REPORT FOR ALL LAND YOU OPERATED OR MANAGED IN 2022**  **Include land rented or leased from others, but exclude land rented or leased to someone else.** |  |  |  |  | | --- | --- | --- | | 1. Report the acres used to produce the following crops in **2022:** |  | **ACRES** | | 1. Apples |  | **0001** | | 1. Tart Cherries |  | **0101** | | 1. Sweet Cherries |  | **0151** | | 1. Peaches |  | **0401** | | 1. Plums |  | **0501** | | 2. Did at least one of the above listed crops have acreage? |  |  | | Yes [*Continue]*  No [*Go to REPORT IF NOT GROWING FRUIT IN 2022 on page 12]* |  |  | |  | | | | |  | | | | | | | | | | | | | |

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| **INSTRUCTIONS**  Please report only for acreage of fruit you operate: **Include** land rented from others. **Exclude** land rented to others.  Complete a line in the questionnaire for each block in your operation. Use the name or number that you use to identify each block. Each block should have its own distinctive name or number. List the county and township where the block is located. Include all bearing and non-bearing blocks. Enter the appropriate variety, organic code, and rootstock codes (if applicable) on the lines and complete the remaining cells for each variety in the block. Round acreage to the nearest tenth of an acre. **See examples below.**  Pages 9-12 are available as continuation pages for any fruit, if needed**.** | | | | | | | | | |
| **Example for Apples** | | | | | | | | | |
| Use code if given. If not write in variety name. | | | | | | | | | |
| Block  (Name of number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Rootstock  code | Year  Planted | Trees  (Number) | Acres | Spacing |
| **Home Farm** | **Kent** | **Alpine** | **1** | **023** | **6** | **2012** | **2400** | **5•0** | **6 x 15** |
| **Jones Place** | **Kent** | **Alpine** | **1** | **Honeycrisp** | **5** | **2013** | **530** | **4•0** | **16 x 20** |
| **Jones Place** | **Kent** | **Alpine** | **2** | **012** | **5** | **2013** | **125** | **1•0** | **16 x 20** |
| **Example for Cherries** | | | | | | | | | |
| Use code if given. If not write in variety name. | | | | | | | | | |
| Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Rootstock | Year  planted | Trees  (Number) | Acres | Spacing |
| **Home** | **Leelanau** | **Leland** | **1** | **Ulster** | **2** | **1994** | **2,400** | **22•0** | **20 x 20** |
| **Home** | **Leelanau** | **Leland** | **1** | **163** | **2** | **1991** | **600** | **6•0** | **20 x 22** |
| **North Forty** | **Leelanau** | **Bingham** | **1** | **111** | **1** | **2005** | **660** | **5•5** | **18 x 20** |

**Apples**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variety | Code | Variety | Code | Variety | Code | Variety | Code | Variety | | Code |
| Ambrosia | 082 | Fuji | 016 | Idared | 019 | Northern Spy | 026 | Sweetango | | 029 |
| Braeburn | 035 | Gala | 017 | Jonagold | 020 | Paulared | 027 | Zestar | | 073 |
| Cortland | 011 | Ginger Gold | 042 | Jonamac | 046 | Pink Lady | 078 | Other (specify) | |  |
| Empire | 015 | Golden Delicious | 012 | Jonathan | 023 | Red Delicious | 014 |  | |  |
| Evercrisp | 079 | Honeycrisp | 065 | McIntosh | 024 | Rome | 030 |  |  | |

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| Rootstocks | | | | | | |  | Organic Code | |
| Rootstock | Code | Rootstock | Code | Rootstock | | Code |  |  | Code |
| Seedling | 1 | M26 | 5 | Bud 9 | | 10 |  | Conventional | 1 |
| MM111 | 2 | Mark | 6 | Geneva 30 | | 11 |  | Transitioning | 2 |
| MM106 | 3 | M9 & M9 clones | 7 | Geneva 16 | | 12 |  | Certified | 3 |
| M7 (VII) | 4 | Bud 118 | 8 | Other (specify) |  | |  |  |  |

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| Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Rootstock  code | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Apples** | | | | | | | | | |
| Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Rootstock  code | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  | | | | | | | | | **Cherries** | | | | | | | | | | | | | | |  | | | | | | | | | | |
|  |  | | | | | |  | |  | | | | | | | | | | | | | | | |
|  |  | | | | | |  | |  | | | | | |  | | | | | | | | | | | | | | |
|  | Tart Cherries | | | | | |  | | Sweet Cherries | | | | | | | | | | | | | | | |  | Organic Code | | | | | |  | | | |
|  | Variety | | | | Code | |  | | Light | | | | | | Dark | | | | | | | | | |  |  | | | Code | | |  | | | |
|  | Montmorency | | | | 111 | |  | | Variety | | | | Code | | Variety | | | Code | Variety | | | Code | | |  | Conventional | | | 1 | | |  | | | |
|  | Balaton | | | | 113 | |  | | Andersen | | | | 191 | | Attika | | | 184 | Nelson | | | 168 | | |  | Transitioning | | | 2 | | |  | | | |
|  | Other (specify) | | | |  | |  | | Emperor Francis | | | | 161 | | Benton | | | 192 | Regina | | | 186 | | |  | Certified | | | 3 | | |  | | | |
|  |  | | | | | |  | | Gold | | | | 162 | | Blackgold | | | 188 | Sam | | | 169 | | |  |  | | |  | | |  | | | |
|  | |  | | | | | | | Napoleon | | | | 163 | | Cavalier | | | 175 | Schmidt | | | 170 | | |  |  | | |  | | |  | | | |
|  | |  | | | | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Ranier | 164164 | 164 |  |  |  | 164 | | | | | | | Hedelfingen | | | 167 | Ulster | | | 171 | | |  | | | | | | | | | | |
|  | |  | | | | | | | Other (specify) | | | | | | Kristen | | | 179 | Other (specify) | | | | | |  | | | | | | | | | | |
|  | | | |  | | | | | | | | | | | | | | |
|  | | | | Rootstocks | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
|  | | | | Mahaleb = 1 | | | | Mazzard = 2 | | | MxM 2 = 3 | | | MxM 60 = 4 | | | Gisela 5 = 5 | | | Gisela 6 = 6 | | | Gisela 12=7 | | | |  | | | | | | | Gisela 12=7 | | |
| Block  (Name or number) | | | County  (Name) | | | Township  (Name) | | | | Organic  code | | Variety  (Code or name) | | | | Rootstock  code | | | | | Year  planted | | | | Trees  (Number) | | | Acres | | | Spacing | |  | | | Trees  (Number) | | Acres | Spacing |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |
|  | | |  | | |  | | | |  | |  | | | |  | | | | |  | | | |  | | | **●** | | | x | |  | | |  | | **●** | x |

**Cherries**

|  |  |  |  |  |  |  |  |  |  |
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| Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Rootstock  code | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |

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| **Peaches** | | | | | | | | | | | |  | | |
| Fresh Market | | | | | | | | | | Processing | |  | Organic Code | |
| Variety | Code | Variety | Code | Variety | Code | Variety | Code | Variety | Code | Variety | Code |  |  | Code |
| Allstar | 456 | Earlystar | 481 | Newhaven | 421 | PF – 15A | 461 | Redhaven | 422 | Arkansas-9 | 441 |  | Conventional | 1 |
| Autumnstar | 479 | Fayette | 429 | PF - 1 | 445 | PF – 17 | 442 | Redkist | 434 | Baby Gold - 5 | 411 |  | Transitioning | 2 |
| Bellaire | 426 | Garnet Beauty | 415 | PF – 5B | 446 | PF – 19A | 463 | Redskin | 423 | Baby Gold – 7 | 466 |  | Certified | 3 |
| Blazingstar | 454 | Glohaven | 416 | PF – 7 | 477 | PF20 – 007 | 464 | Redstar | 459 | Catherina | 473 |  |  |  |
| Blushingstar | 453 | Glowingstar | 457 | PF – 8-Ball | 478 | PF – 23 | 444 | Risingstar | 458 | Venture | 469 |  |  |  |
| Brightstar | 482 | Harbrite | 417 | PF – 9A-007 | 480 | PF24 – 007 | 465 | Saturn | 474 | Vinegold | 471 |  |  |  |
| Canadian Harmony | 412 | John Boy | 462 | PF – 12A | 443 | PF – 24C | 476 | Starfire | 452 | Virgil | 470 |  |  |  |
| Coralstar | 455 | Loring | 420 | PF – Lucky 13 | 475 | PF – 25 | 460 | Summer Serenade | 467 |  |  |  |  |  |
| Cresthaven | 414 |  |  | PF 14NJ | 447 | PF – 27A | 448 | Other (specify) |  | Other (specify) |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  | **●** | x |

**Plums**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variety | Code | Variety | Code |  | Organic Code | |
| Blufre | 511 | NY 9 | 527 |  |  | Code |
| Castleton | 525 | Ozark Premier | 515 |  |  |  |
| Damson | 512 | Shiro | 516 |  | Conventional | 1 |
| Italian | 513 | Stanley | 517 |  | Transitioning | 2 |
| Methley | 514 | Toka/Bubble Gum | 530 |  | Certified | 3 |
| NY 6 | 526 | Other (specify) |  |  |  |  |

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| Fruit type | Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fruit type | Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fruit type | Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |

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| Fruit type | Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fruit type | Block  (Name or number) | County  (Name) | Township  (Name) | Organic  code | Variety  (Code or name) | Year  planted | Trees  (Number) | Acres | Spacing |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
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|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |
|  |  |  |  |  |  |  |  | **●** | x |

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| **Fruit Planting and Removal Intentions for 2023 - 2027** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
| Do you plan to make any changes to your fruit acreage in the next five years? | | | | Yes |  | Continue | No | |  | Got to next page | |  | Unknown | |  | Go to next page | | |
|  | | | | | | | | | | | | | | | | | | |
| Please record the acres of each type of fruit and variety you plan to remove and to plant over the next five years. If you have intentions to remove or plant but do not know the variety, you may leave that column blank. If you are unsure exactly which year you will plant or remove acreage, please estimate. | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
| Fruit Species | Variety | Year | Acres to  be planted | | | Acres to be  removed |  | Fruit Species | | | Variety | | | Year | | | Acres to  be planted | Acres to be  removed |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2023 |  | | |  |  |  | | |  | | | 2023 | | |  |  |
|  |  | 2024 |  | | |  |  |  | | |  | | | 2024 | | |  |  |
|  |  | 2024 |  | | |  |  |  | | |  | | | 2024 | | |  |  |
|  |  | 2024 |  | | |  |  |  | | |  | | | 2024 | | |  |  |
|  |  | 2024 |  | | |  |  |  | | |  | | | 2024 | | |  |  |
|  |  | 2024 |  | | |  |  |  | | |  | | | 2024 | | |  |  |
|  |  | 2025-2027 |  | | |  |  |  | | |  | | | 2025-2027 | | |  |  |
|  |  | 2025-2027 |  | | |  |  |  | | |  | | | 2025-2027 | | |  |  |
|  |  | 2025-2027 |  | | |  |  |  | | |  | | | 2025-2027 | | |  |  |
|  |  | 2025-2027 |  | | |  |  |  | | |  | | | 2025-2027 | | |  |  |
|  |  |  |  | | |  |  |  | | |  | | |  | | |  |  |
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| --- | --- | --- |
| **Operation Labor in 2022** |  |  |
| 1. Did this operation have any paid workers, including paid family members in 2022? |  |  |
| Yes [*Continue]*  No [*Go to Item 4*] |  |  |
| 2. Record the number of workers in each category below. W-2 is the Wage and Tax Statement required by IRS. (If an employee did both agricultural and non-agricultural work, such as packing, retailing, or office work, record in the category in which the majority of the worker’s time was spent.) |  |  |

|  |  |  |
| --- | --- | --- |
|  | Permanent | Seasonal |
|  | *(121 days or more per year)* | *(120 days or less per year)* |
| **AGRICULTURAL W-2 WORKERS** |  |  |
| Full time (30 hours or more per week) | 201 | 202 |
|  |  |
| Part-time (29 hours or less per week) | 203 | 204 |
|  |  |
| **H2-A WORKERS** |  |  |
| Full time (30 hours or more per week) | 205 | 206 |
|  |  |
| **CONTRACT (Non W-2) WORKERS** |  |  |
| Full time (30 hours or more per week) | 209 | 210 |
|  |  |
| Part-time (29 hours or less per week) | 211 | 212 |
|  |  |
|  |  |  |
| **TOTAL PAID WORKERS** | 213 | 214 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  |
| 3. Of the total paid workers listed in question 2 above, how many were migrant workers? (*Migrant workers are seasonal farm workers who have to travel to do farm work and are unable to return to their permanent residence the same day.*) | | **NUMBER** | 215 |
| 4. Did you have a labor shortage in **2022**? | |  |  |
| Yes [*Enter Code 1 and continue]*  No [*Enter Code 3 and go to Item 7]* | | **CODE** |  |
| 1. How many additional permanent workers (121 days or more per year) would you have hired had they been available? | | **NUMBER** | 230 |
| 1. How many additional seasonal workers (120 days or less per year) would you have hired had they been available? | | **NUMBER** | 231 |
|  | |  |  |
| 5. What were the total acres unharvested in **2022** due to labor shortage? | | **ACRES** | 232 |
| 6. In what months during **2022** did you need these additional workers? (Check all that apply.) | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | January | 233 |  | July | 239 | | February | 234 |  | August | 240 | | March | 235 |  | September | 241 | | April | 236 |  | October | 242 | | May | 237 |  | November | 243 | | June | 238 |  | December | 244 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | July | 233 |  | July | 239 | | August | 234 |  | August | 240 | | September | 235 |  | September | 241 | | October | 236 |  | October | 242 | | November | 237 |  | November | 243 | | December | 238 |  | December | 244 | |  |  |
|  |
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| --- | --- | --- | --- | --- |
| 7. Which sources did you use to hire new or more employees in **2022**? (Check all that apply.) | | | | |
| Local Labor Force Recruiting / Want Ads | 245 |  |  |  |
| Michigan Works! Ag Employment Specialists | 246 |  |  |  |
| Drive Up Labor | 247 |  |  |  |
| H-2A Temporary Agricultural, Direct Hire | 248 |  |  |  |
| H-2A Temporary Agricultural, Contractor | 249 |  |  |  |
| Other (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 250 |  |  |  |

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| Neglected/Abandoned Orchards | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. In areas adjacent or nearby the orchards you operate are there any neglected/abandoned fruit orchards left unmanaged for at   least one year?  (Enter ‘1’ in the appropriate box.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **410** | | **411** | | | | | | 412 | | | | |  | | |  | | | | |  | | | | | |
| Yes | | No | | | | | | Don’t know | | | | | (go to conclusion) | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.  About how many neglected/abandoned acres are you aware of near your operation of the following? | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Apples | 413 | | acres | | |  | | | Peaches | | 415 | acres | | | | |  | | | | | | | |  | | |
|  | Cherries | 414 | | acres | | |  | | | Other tree fruit | | 416 | acres | | | | |  |  |  |  | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| 3.  What are the locations of these neglected/abandoned orchards? | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
|  | | Road x | | |  | | | | Road, |  | | | Town or city | | |  | | | | | | |  | | | | |
|  | | Road x | | |  | | | | Road, |  | | | Town or city | | |  | | | | | | |  | | | | |
|  | | Prefer not to answer | | | | | | |  |  | | |  | | |  | | | | | | |  | | | | |
| 4.  Rate the amount of increase in the cost of pest management you have experienced from insect or plant disease infiltration from  neglected/abandoned orchards. (Enter a ‘1’ in the appropriate box). | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 424 | | | | | 425 | | 426 | | | 427 | | | |  | | | | | | | | | | | | |
|  | None | | | | | Slight | | Moderate | | | Extensive | | | |  | | | | | | | | | | | | |
|  |  | | | | |  | |  | | |  | | | |  | | | | | | |  | |  | | | |

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| --- | --- | --- |
| **REPORT IF NOT GROWING FRUIT IN 2022**  1. Indicate the reason(s) no fruit was grown on this operation in **2022. (Check all that apply.)** | |  |
| Farm Sold [Conclusion]  Retired from farming  Entire farm rented to others  Farming, but not growing tree fruit  Never farmed |  |  | |
|  | |
| 2. Will a new operation grow fruit in the land you operated in **2022?** | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | Yes [*Enter Code 1]*  No [*Enter Code 3 and go to Conclusion]* | **CODE** | 0245 | | 245 |  |

3. To avoid duplication, please provide the new tree fruit producer’s name, farm name, and partners.

Please record any **COMMENTS** on crop quality, growing season, difficulties, etc.,.

**CONCLUSION**

|  |  |
| --- | --- |
| **Survey Results:** The report will be available at the following website: www.nass.usda.gov/mi. | |
|  | |
| Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Respondent Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | | | 9911 | | | | 9910 MM DD YY | | | | |
| **Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | **Date: \_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | | | | |
| **This completes the fruit inventory. Thank you for your help.** | | | | | | | | | | | | | | |
| **Response** | | **Respondent** | | **Mode** | | **Enum.** | | **Eval.** | **Change** | **Office Use for POID** | | | | |
| 1-Comp  2-R  3-Inac  4-Office Hold  5-R – Est  6-Inac – Est  7-Off Hold – Est | 9901 | 1-Op/Mgr  2-Sp  3-Acct/Bkpr  4-Partner  9-Oth | 9902 | 1-Mail  2-Tel  3-Face-to-Face  4-CATI  5-Web  6-e-mail  7-Fax  8-CAPI  19-Other | 9903 | 9998 | | 9900 | 9985 | 9989  \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ | | | | |
| **Optional Use** | | | | |
| 9907 | 9908 | | 9906 | 9916 |
| S/E Name | | | | | |  |  | | |  | |  | | |