

MICHIGAN FRUIT INVENTORY - 2022

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**United States
 Department of
 Agriculture**



**NATIONAL
 AGRICULTURAL
 STATISTICS
 SERVICE**

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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

a. Apples.....		0001
b. Tart Cherries.....		0101
c. Sweet Cherries.....		0151
d. Peaches.....		0401
e. 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*]

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 or 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

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
		2023		
		2023		
		2023		
		2023		
		2023		
		2023		
		2023		
		2024		
		2024		
		2024		
		2024		
		2024		
		2024		
		2025-2027		
		2025-2027		
		2025-2027		
		2025-2027		

Fruit Species	Variety	Year	Acres to be planted	Acres to be removed
		2023		
		2023		
		2023		
		2023		
		2023		
		2023		
		2023		
		2024		
		2024		
		2024		
		2024		
		2024		
		2024		
		2025-2027		
		2025-2027		
		2025-2027		
		2025-2027		

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 <i>(121 days or more per year)</i>	Seasonal <i>(120 days or less per year)</i>
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

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- a. How many additional permanent workers (121 days or more per year) would you have hired had they been available?
- b. How many additional seasonal workers (120 days or less per year) would you have hired had they been available?

NUMBER

230

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.)

<input type="checkbox"/> January <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">233</table>	<input type="checkbox"/> July <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">233</table>
<input type="checkbox"/> February <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">234</table>	<input type="checkbox"/> August <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">234</table>
<input type="checkbox"/> March <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">235</table>	<input type="checkbox"/> September <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">235</table>
<input type="checkbox"/> April <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">236</table>	<input type="checkbox"/> October <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">236</table>
<input type="checkbox"/> May <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">237</table>	<input type="checkbox"/> November <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">237</table>
<input type="checkbox"/> June <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">238</table>	<input type="checkbox"/> December <table border="1" style="display: inline-table; width: 60px; height: 20px; vertical-align: middle;">238</table>

7. Which sources did you use to hire new or more employees in 2022? (Check all that apply.)

<input type="checkbox"/> Local Labor Force Recruiting / Want Ads	245
<input type="checkbox"/> Michigan Works! Ag Employment Specialists	246
<input type="checkbox"/> Drive Up Labor	247
<input type="checkbox"/> H-2A Temporary Agricultural, Direct Hire	248
<input type="checkbox"/> H-2A Temporary Agricultural, Contractor	249
<input type="checkbox"/> Other (specify) _____	250

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

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

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: _____

Respondent Name: _____	9911 Phone: _____	9910 MM DD YY Date: ___ ___ ___
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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												