

FRUIT INVENTORY SURVEY 2022 CROP

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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..... | |
| b. Tart Cherries..... | |
| c. Sweet Cherries..... | |
| d. Peaches..... | |
| e. Plums..... | |

f. 1. Did at least one of the above listed crops have acreage?

☐ Yes [Continue]

g. ☐ 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.

If you participated in a previous Fruit Inventory, you will find enclosed a printout of the blocks you reported previously. Space has been left on these printouts for you to update the information. Check all “other” varieties on the block record and update them. Your updated copy of the previous printout should be returned with this questionnaire in which you should report on new blocks acquired or planted since previously reported. You may use the printout as a reference only and list all of your blocks in questionnaire. All of your fruit blocks must be accounted for between the updated printout and the questionnaire.

If you did not receive a printout from the previous survey, 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, township, and section (if known) where the block is located. Include all bearing and non-bearing blocks. **Exclude** neglected blocks. Enter the appropriate variety and rootstock codes 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.**

Example for Apples

Use code if given. If not write in variety name.

Block (Name or number)	County (Name)	Township (Name)		Variety (Code or name)	Rootstock code	Year Planted	Trees (Number)	Acres	Spacing
Home Farm	Kent	Alpine		023	6	2012	2400	5•0	6 x 15
Jones Place	Kent	Alpine		Red Delicious	5	2013	530	4•0	16 x 20
Jones Place	Kent	Alpine		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)	Section	Variety (Code or name)	Rootstock	Year planted	Trees (Number)	Acres	Spacing
Home	Leelanau	Leland		Ulster	2	1994	2,400	22•0	20 x 20
Home	Leelanau	Leland		163	2	1991	600	6•0	20 x 22
North Forty	Leelanau	Bingham		111	1	2005	660	5•5	18 x 20

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

[illegible]

[illegible]

Tart Cherries	
Variety	Code
Montmorency	111
Galaxy	112
Balaton	113
Other (specify)	

Sweet Cherries					
Light		Dark			
Variety	Code	Variety	Code	Variety	Code
Emperor Francis	161	Attika	184	Nelson	168
Gold	162	Blackgold	188	Regina	186
Napoleon	163	Cavalier	175	Sam	169
Ranier	164	Hedelfingen	167	Schmidt	170
Other (specify)		Kristen	179	Ulster	171

[illegible][illegible]

[illegible]

Peaches

Fresh Market										Processing	
Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Allstar	456	Earlstar	481	Newhaven	421	PF – 15A	461	Redhaven	422	Arkansas-9	441
Autumnstar	479	Fayette	429	PF - 1	445	PF – 17	442	Redkist	434	Baby Gold - 5	411
Bellaire	426	Garnet Beauty	415	PF – 5B	446	PF – 19A	463	Redskin	423	Baby Gold – 7	466
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)	

[illegible]

Plums

Nectarines		Pears				Plums			
Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Eastern Glo	866	Asians	611	Harrow Sweet	621	Blufre	511	NY 9	527
Fantasia	861	Bartlett	612	Red Sensation	617	Castleton	525	Ozark Premier	515
June Glo	863	Bosc	613	Spartlett	618	Damson	512	Shiro	516
Redgold	864	Clapp's	614			Italian	513	Stanley	517
Summer Beauty	868	D'Anjou	615			Methley	514	Toka/Bubble Gum	530
Other (specify)		Harrow Delight	620	Other (specify)		NY 6	526	Other (specify)	

[illegible]

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 ____ Go 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		
		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		
		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 XX]

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 (121 days or more per year)	Seasonal (120 days or less per year)
3. Of the total paid workers listed in question 2 above, AGRICULTURAL W-2 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.) If none, go to question 5.		
4. Did you have a labor shortage in 2022? Part-time (29 hours or less per week) ☐ Yes [Enter Code 1 and continue] ☐ No [Enter Code 3 and go to Item 7]	203	204
a. How many additional permanent workers (121 days or more per year) would you have hired had they been available? CONTRACT (Non W-2) WORKERS Full time (30 hours or more per week)	205	206
b. How many additional seasonal workers (120 days or less per year) would you have hired had they been available? Full time (30 hours or more per week)	211	212
5. What were the total acres unharvested in 2022 due to labor shortage? Part-time (29 hours or less per week)	213	214
6. In what months during 2022 did you need these additional workers? TOTAL PAID WORKERS		
☐ January	☐ July	
☐ February	☐ August	
☐ March	☐ September	
☐ April	☐ October	
☐ May	☐ November	
☐ June	☐ December	

7. Which sources did you use to hire new or more employees in **2022**?

- ☐ Local Labor Force Recruiting / Want Ads
☐ Michigan Works! Ag Employment Specialists
☐ Drive Up Labor
☐ H-2A Temporary Agricultural, Direct Hire
☐ H-2A Temporary Agricultural, Contractor
☐ Other (specify)

Neglected Orchards

1. In the townships where you operate, are there any neglected fruit orchards, vineyards, or plantations left unmanaged for at least one year (Enter "1" in the appropriate box.)

410 Yes (continue)	411 No (go to item 5)	412 Don't know (go to item 5)
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2. In the primary township where you operate, about how many neglected acres are there of the following?

Apples	413 acres	Blueberries	415 acres
Grapes	414 acres	Other tree fruit	416 acres

3. Within one-half mile of any of your fruit, how many neglected acres of fruit are there? |

4. Rate the amount of increase in the cost of pest management you have experienced from insect or plant disease infiltration from neglected (Enter "1" in the appropriate box.)

424 None	425 Slight	426 Moderate	427 Extensive
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REPORT IF NOT GROWING FRUIT IN 2022

1. Indicate the reason no fruit was grown on this operation in
- 2022**

- ☐ Farm Sold [Enter Code 1 and go to Item 11]
☐ Retired from farming [Enter Code 2 and go to Item 11]
☐ Entire farm rented to others [Enter Code 3 and go to Item 11]
☐ Farming, but not growing grapes [Enter Code 4 and go to Item 11]
☐ Never farmed [Enter Code 5 and go to Conclusion]

CODE

2. Will a new operation grow grapes in the land you operated in
- 2022**
- ?

- ☐ Yes [Enter Code 1]
☐ No [Enter Code 3 and go to Conclusion]

CODE

3. To avoid duplication, please provide the new grape 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 survey. 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												