### **MICHIGAN FRUIT INVENTORY - 2022**

OMB No. 0535-0039 Approval Expires: 02/29/2024 Project Code: 491 QID: SMetaKey:



United States Department of Agriculture



NATIONAL AGRICULTURAL STATISTICS SERVICE

ACRES

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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**:

-		
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.

Block (Name of number)	County (Name)	Township (Name)	Organic code	Variety (Code or name)	Rootstock	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 Apples**

#### . . . . .

#### **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		

		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)			

Block (Name or number)	County (Name)	Township (Name)	Organic code	Variety (Code or name)	Rootstock code	Year planted	Trees (Number)	Acres	Spacing
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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
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## Cherries

Tart Cherries Sweet Cherries										Organi	ic Code					
V	ariety	Code			Light				Dark					(	Code	
Montmorer	псу	111		Var	iety	Code	Variety			ety	Code	Conv	ventional		1	
Balaton		113		Andersen			Attika		Nelson		168		sitioning		2	
Other (spec	ify)			Emperor F	rancis		Benton		Regina		186	Certi	ified		3	
				Gold			Blackgold		Sam		169					
				Napoleon			Cavalier		Schmidt		170					
				Ranier			Hedelfingen		Ulster		171					
				Other (spec	cify)		Kristen	179	Other (spe	ecify)						
						Rootstocks										
	Mah	aleb = 1	Maz	zard = 2	MxM 2	2 = 3 Mx	xM 60 = 4	Gisela 5 =	5 Gisel	a 6 = 6	Gisela	12=7				
Block (Name or number)	County (Name)	Towr (Nat		Organ code	ic e (	Variety Code or na	ime)	Rootstocl code	Κ	Ye. plan		Trees (Numbe		Acres		Spacing

### Cherries

Block (Name or number)	County (Name)	Township (Name)	Organic code	Variety (Code or name)	Rootstock code	Year planted	Trees (Number)	Acres	Spacing
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	T cuches												
				Processin	g	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)			

Block (Name or number)	County (Name)	Township (Name)	Organic code	Variety (Code or name)	Year planted	Trees (Number)	Acres	Spacing
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### Peaches

### Plums

Variety Code		Code	Organic Code
511	NY 9	527	Code
525	Ozark Premier	515	
512	Shiro	516	Conventional 1
513	Stanley	517	Transitioning 2
514	Toka/Bubble Gum	530	Certified 3
526	Other (specify)		
	511 525 512 513 514	511NY 9525Ozark Premier512Shiro513Stanley514Toka/Bubble Gum	511       NY 9       527         525       Ozark Premier       515         512       Shiro       516         513       Stanley       517         514       Toka/Bubble Gum       530

Fruit type	Block (Name or number)	County (Name)	Township (Name)	Organic code	Variety (Code or name)	Year planted	Trees (Number)	Acres	Spacing
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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
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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
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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
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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
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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		
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		2025-2027						2025-2027		
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		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) 🖵	
3.	Of the detailed workers wister workers above,	nue to travel to de farm work an	d are	
	(Migrant workers are seasonal farm workers who he unable to return to their permanent residence the sa Full time (30 hours or more per week)		I2007 C NUMBE	
4.	Did you have a labor shortage in <b>2022</b> ?	203	204	
	Yes [Enter Code 1 and continue]			
	$\mathbb{D}$ NH <sup>2</sup> [ $\pounds$ : Here Code S and go to Item 7]	205	206	230
	a. How many additional permanent workers (121 Full time (30 hours or more per week) hired had they been available?	lays or more per year) would yo	u have	.30
	CONTRACT (Non W-2) WORKERS b. How many additional seasonal workers (120 da			
	had they been available? Full time (30 hours or more per week)	yzgor less per year) would you h	NUMBER	
		211	212	
	Part-time (29 hours or less per week)		2	32
5.	What were the total acres unharvested in <b>2022</b> due to	24abor shortage?	214 ACRES	
6.	In what GRAIN CAR MY 2022 A you need these addi	tional workers? (Check all that a	apply.)	
	J J J J J J J J J J J J J J J J J J J		Jul y	



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

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	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	acres
	414		416
Cherries	acres	Other tree fruit	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
- \_\_\_\_ Never larme
- 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	1

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

### This completes the fruit inventory. Thank you for your help.

Response	e	Respond	ent	Mode		Enum.	Eval.	Change	Office Use for POID			D
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  9907	<b>Option</b> 9908	nal Use	9916
S/E Name												

CODE