

Pacific Agricultural Survey LLC

Subjective Yield Survey 2025:

- **First year of direct involvement with the SYS**
- **Can expanded geographic data provide insights or benefit to the survey?**

Subjective Yield Survey 2025:

- **Survey Response**
 - PAS LLC provided with spreadsheet of returned survey data
 - Original survey forms kept at industry office
 - Thanks to Katie and office staff for data entry

Subjective Yield Survey 2025:

- **Survey Response Data Set**
 - **213** useable responses included in analysis
 - Some forms missing production or acreage entries
 - Some forms gave combined production total for all ages
 - One case of 11 acres in 2024 and zero acres in 2025
 - Error vs. acreage removal?

Subjective Yield Survey 2025:

- **Sample vs. Population?**
- **Survey Response Rate – Growers**
 - Useable responses: **213**
 - Grower population: **1,850 – 1,900**
 - Survey response rate: **~ 11%**

Subjective Yield Survey 2025:

- **Survey Response Rate – Growers**

– **Grower response rate: ~ 11%**

Age Class	2024 Map Acres	% of Total	2024 Sample Acres	% Response
1-5 years	21,154	16.7	2,096	9.9
6-10 years	38,545	38.8	7,367	19.1
11+ years	36,659	44.5	5,991	16.3
Age Class	2025 Map Acres	% of Total	2025 Sample Acres	% Response
1-5 years	16,228	16.7	1,850	11.4
6-10 years	37,578	38.8	7,505	20.0
11+ years	43,079	44.5	6,387	14.8

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Subjective Yield Survey 2025:

- **Survey Results – 2024 Harvest Data**

Age Class	SYS Acres	Pounds	Pounds/Acre	2024 Map Acres	Predicted Pounds	
1-5 years	2,096	1,937,276	924.27	21,154	19,552,068.94	
6-10 years	7,367	14,348,678	1,947.70	38,545	75,073,948.06	
11+ years	5,991	16,253,448	2,712.86	36,659	99,450,893.80	Tons
	15,454	32,539,402		96,358	194,076,910.80	97,038.46

- **2024 Total Production = 96,800 tons**

Subjective Yield Survey 2025:

- Survey Results – **2025** Predicted Data

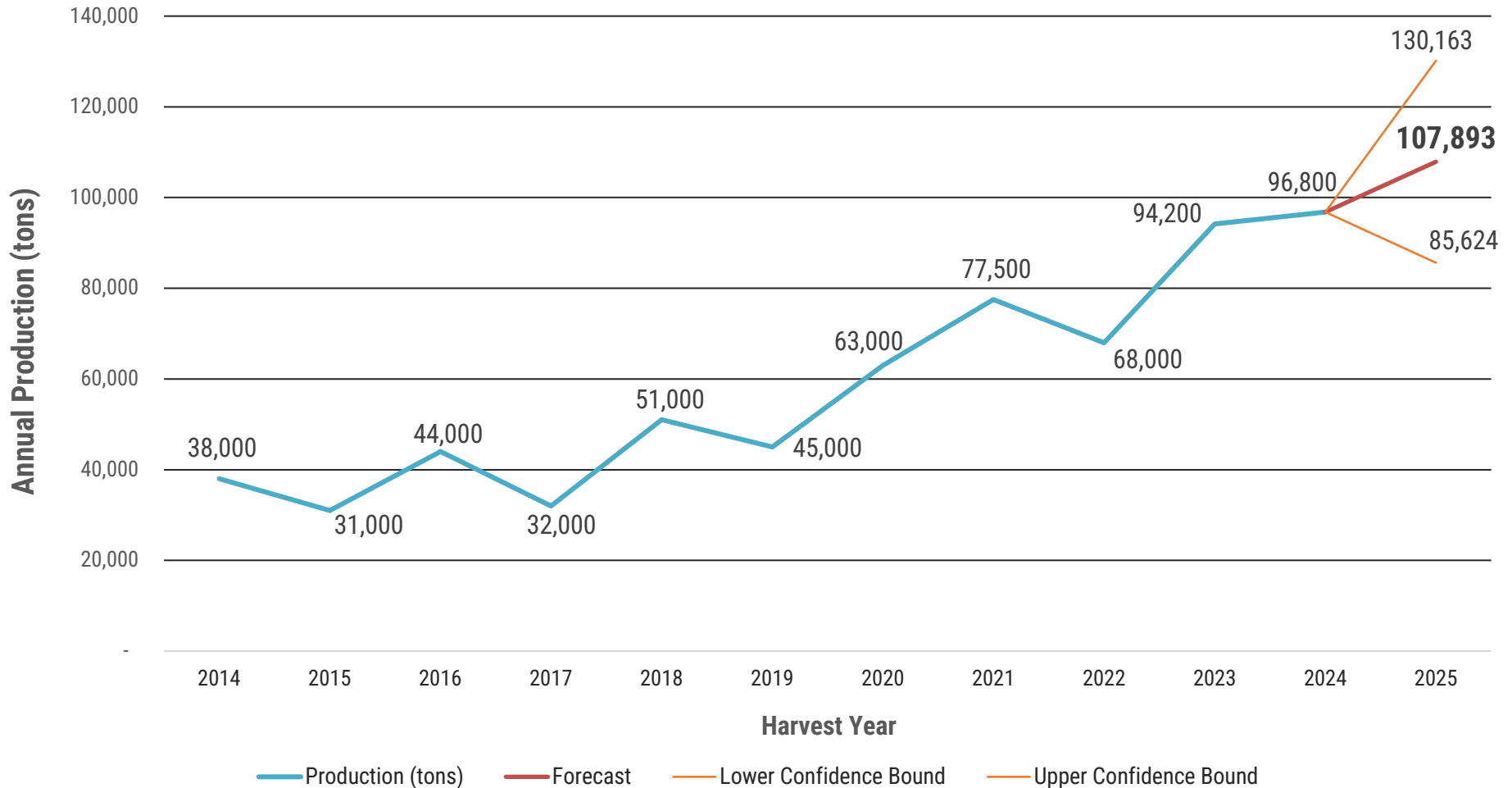
Age Class	SYS Acres	Pounds	Pounds/Acre	2025 Map Acres	Predicted Pounds	
1-5 years	1,850	1,921,462	1,038.63	16,228	16,854,856.94	
6-10 years	7,505	17,779,794	2,369.19	37,578	89,029,273.53	
11+ years	6,387	18,917,722	2,962.12	43,079	127,605,132.77	Tons
	15,741	38,618,978		96,885	233,489,263.24	116,744.63

- **2025 SYS Predicted Total = 116,775 Tons**

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Subjective Yield Survey 2025:

Annual Production Forecast



2025 HMB AUGUST MEETING

Subjective Yield Survey 2025:

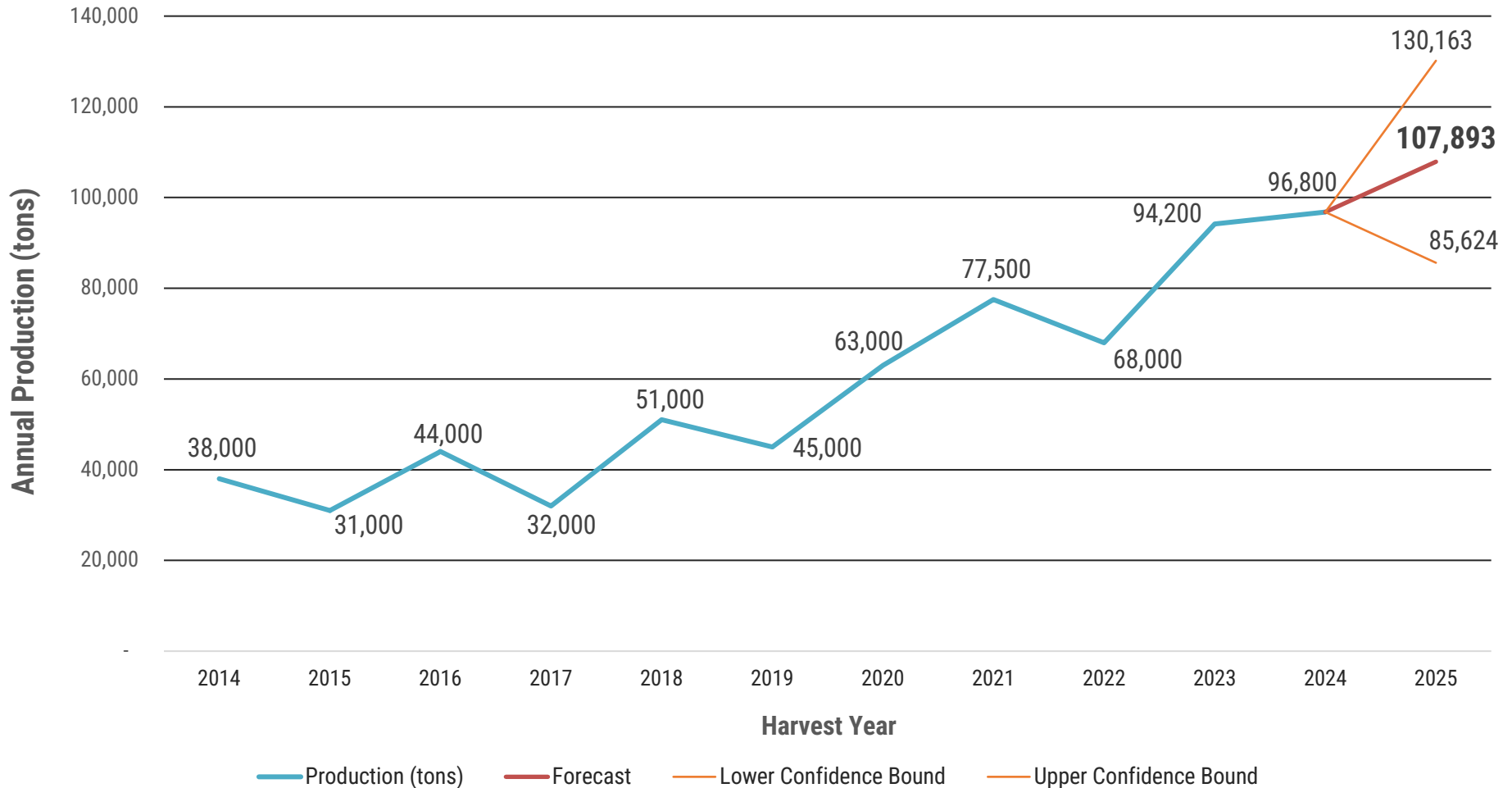
- Survey Results – **2025** Predicted Data
– Anecdotal pounds/acre adjustment

Age Class	SYS Acres	Pounds	Pounds/Acre	2025 Map Acres	Predicted Pounds	2025 SYS
1-5 years	1,850	1,921,462	1,038.63	16,228	16,854,856.94	
6-10 years	7,505	17,779,794	2,369.19	37,578	89,029,273.53	
11+ years	6,387	18,917,722	2,962.12	43,079	127,605,132.77	Tons
	15,741	38,618,978		96,885	233,489,263.24	116,744.63
Age Class	SYS Acres	Pounds	Pounds/Acre*	2025 Map Acres	Predicted Pounds	2025 ANEC
1-5 years	1,850	1,921,462	1,000.00	16,228	16,228,000.00	
6-10 years	7,505	17,779,794	2,750.00	37,578	103,339,500.00	
11+ years	6,387	18,917,722	3,250.00	43,079	140,006,750.00	Tons
	15,741	38,618,978		96,885	259,574,250.00	129,787.13

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Subjective Yield Survey 2025:

Annual Production Forecast



2025 HMB AUGUST MEETING

Subjective Yield Survey 2025:

- **Double-Density?**
 - 2 instances of same reported acreage where predicted pounds reduced 33%-37% from 2024 to 2025 (age class 3 trees)
- **Judging double-density vs. youngest plantings in age class?**

Subjective Yield Survey 2025:

- **Additions/recommendations**
 - **Lack of direct geographic component to questions**
 - **Are we over/under-representing parts of the valley?**
 - **Lack of direct information regarding double-density**
 - **Over representation of small, simple growing operations**
- **Additional questions to survey form?**
 - **“In which county are your orchards located?”**
 - **“Are your orchards double-density plantings?”**
 - **“yes”, “no”, “both/mixed”**
 - **More information vs. ease of response/response rate**