

# California Artichoke Advisory Board

## Annual Report

### 2019-2020

#### The Board 2017-2021

#### Members

Michael Scattini

President

Dale Huss

Vice President

Ed Mora

Secretary

Garrett Cardilino

Benny Jefferson

Adrian Zendejas

Jeff Percy

#### Alternates

Francisco Castaneda

Ryan Kelly

Ron Mondo

The board assists the California Department of Agriculture in the administration of the Marketing Order. All members are producers of California grown artichokes. Membership is at-large and not designated by district, county, or any other subdivision of the state. Appointments to the board by the California Department of Agriculture gives consideration to representation from the state's various production areas.

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#### The California Artichoke Advisory Board

The California Artichoke Advisory Board has supported the industry in promotion and research since 1960. Its current primary focus is to seek solutions for disease and insect problems through the Artichoke Research Association and for generic promotion of California grown Globe Artichokes through its website:

[www.artichokes.org](http://www.artichokes.org)

and Facebook page:

[https://www.facebook.com/pages/category/Nonprofit-](https://www.facebook.com/pages/category/Nonprofit-Organization/California-Artichoke-Advisory-Board-129982993683166/)

[Organization/California-Artichoke-Advisory-Board-129982993683166/.](https://www.facebook.com/pages/category/Nonprofit-Organization/California-Artichoke-Advisory-Board-129982993683166/)

**BUDGET COMPARISON**  
**Year Ending June 30, 2020**

	<b>BUDGET</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>REVENUE:</b>			
Carry Over	\$84000	61718	-22282
Acreage Assessments @ \$1.00	4750	4235	-515
Carton Assessments @ \$.035	90,000	91097	1097
Interest		25	25
Other Income		25243	25243
<b>Total Revenue</b>	<b>178,750</b>	<b>182318</b>	<b>3568</b>
<b>EXPENDITURES:</b>			
<b>Administrative:</b>			
Audits	9500	3950	5550
Insurance	1300	1123	177
Management Services	37125	37125	0
Office Expense	4,000	2954	1046
Postage	550	331	219
Promotion	2,000	1,050	950
Rent	5,400	5,400	-
Telephone	1,600	1491	109
Travel	500	0	500
Utilities	720	720	-
Website	1,200	600	600
<b>Program:</b>		0	
Research	63,000	63,000	-
<b>Departmental:</b>		0	
Marketing Branch	20,000	23598	-3598
Marketing Audits	4,500	0	4,500
Contingency/Reserves	27,355	0	27355
<b>Total Expenditures</b>	<b>178,750</b>	<b>141,342</b>	<b>37408</b>

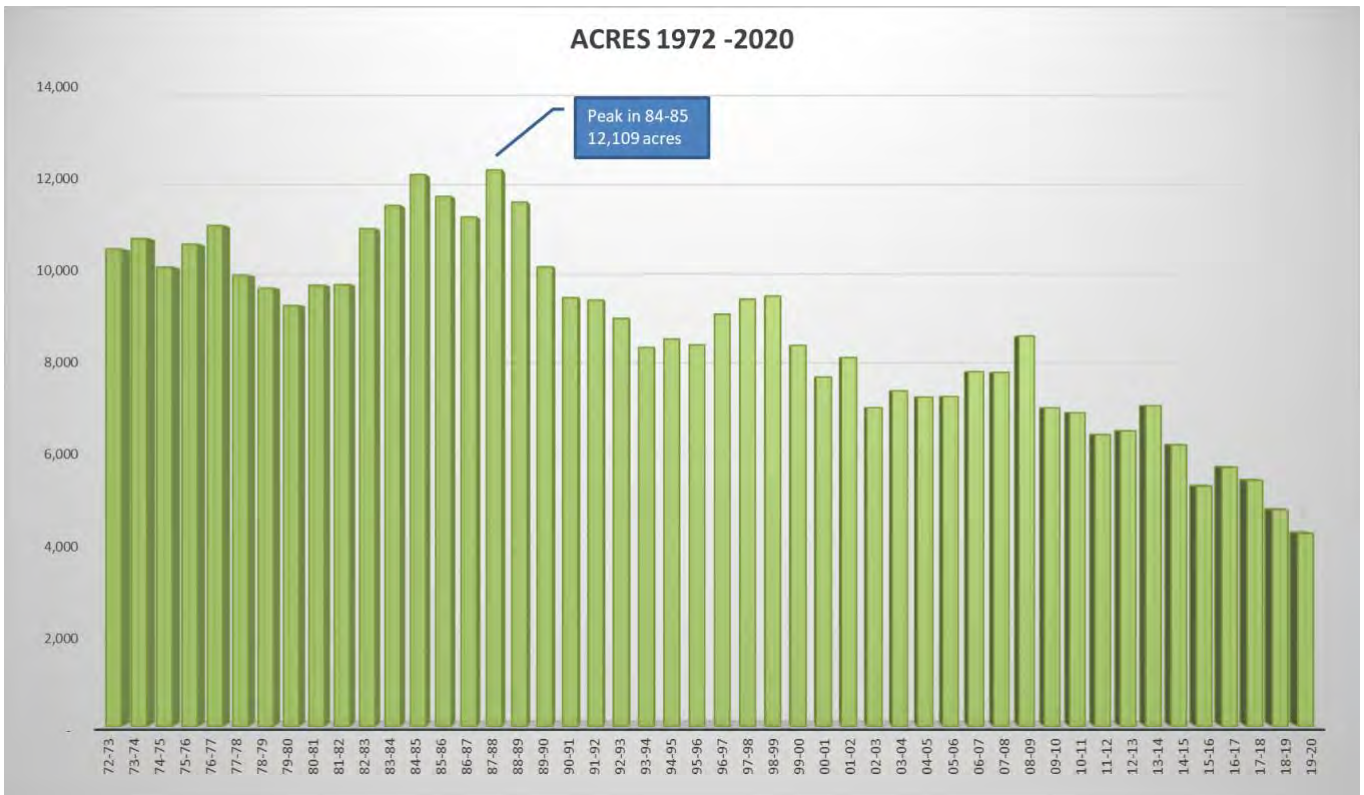


**Budget Review**

Having approved \$.03/carton and \$1.00/acre as the assessment rate for the crop year, the board planned on an income of \$94,750 from those assessments. While the acreage assessment totaled a little less than the estimate, the carton assessment was slightly higher by \$1097. The actual carryover from the previous budget of \$61718 was almost 26% less than the budgeted \$84,000. Savings of \$37,408 in operating expenses boosted the anticipated carryover for the next crop year.

Research consumed 35% of the planned budget but ended up being 45% of the actual budget. Management costs were 36% of the planned budget and 40% actual budget. Marketing Branch (including the required annual compliance audit) totaled 14% of the planned and 13% of the actual budget.

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Total acreage for 2019-2020 was 4,235, producing 3,428,668 cartons.

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## The Continuing Quest for Control At the Artichoke Research Association

**Herbicide Crop Safety** – A field study was performed on the efficacy and phytotoxicity of herbicides for weed control and crop safety on Artichokes. Herbicides tested were Direx, Pindar, Goaltender, Chateau, Prowl, Helmquat and Shark. Application methods used were CO<sub>2</sub> Backpack, broadcast pre-emergent, reverse band pre-emergent and reverse band post-emergent. Conclusion of weed control tests: Most severe crop injury was found in the use of Direx, Chateau and Helmquat. Reverse banding of Direx and Chateau decreased crop damage. Pindar, Goaltender, Prowl and Shark were the least damaging. All herbicides were effective to a similar degree. Pindar and Goaltender were more effective applied as a pre-emergent.

### Herbicide Efficacy and Phytotoxicity



Naturally occurring weeds included Shepherd's Purse, Mallow, Purslane, Lambsquarter, Ryegrass, Nettle, Prickly Lettuce, London Rocket, Pineapple Bush, Groundsel, and Nutsedge.

**Frost Protection** – A field study of the effectiveness of Cueva, Tech-Spray Copper, Tech-Flo ZMC and Cultiva in preventing frost damage was performed. Conclusion of the study was that there was no crop injury from frost protection treatments. Numerically, Cueva treated artichokes had lower frost damage ratings than the other treatments.

**Soil Borne Disease Control** – The study of “K-Pam” (metam-potassium) in controlling verticillium, erwinia, symphian and weeds in artichokes was not completed this fiscal year. It will be rolled over into the new fiscal year for completion.

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