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**AMENDED COOPERATIVE AGREEMENT
SIGNATURE PAGE**

AGREEMENT NUMBER **20-0984-000-SA**

AMENDMENT NUMBER **1**

1. This Agreement is entered into between the State Agency and the Recipient named below:
 STATE AGENCY'S NAME
DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)
 RECIPIENT'S NAME
COUNTY OF SANTA BARBARA
2. The term of this Agreement is: January 15, 2021 through June 30, 2023
3. The maximum amount of this Agreement is: \$49,506.50
4. The parties agree to comply with the terms and conditions of the following exhibits which are by this reference made a part of the Agreement:

Paragraph two (2) of the Agreement is hereby amended to extend the expiration date from June 30, 2022 to a new expiration date of June 30, 2023.

Paragraph three (3) of the Agreement is hereby amended to increase the Agreement by \$24,753.25 for a new total not to exceed \$49,506.50. A revised Budget for the increased amount is attached (1 Page), which replaces the Budget in the original Agreement, and is hereby incorporated into the Agreement effective January 15, 2021.

A revised Scope of Work is attached (5 Pages), which replaces the original schedule, and is hereby incorporated into the Agreement effective January 15, 2021.

Sections of the Cooperative Agreement, Exhibit B, Terms and Conditions are hereby amended by removing clause #9 "Property Damage" effective January 15, 2021.

Removing:

9. Property Damage

~~Should a property owner claim damages arising under, related to or involving this Agreement, the Recipient agrees to indemnify, defend, and hold harmless the CDFA, its officers, agents and employees from any and all claims and losses.~~

The time extension and increase in funds is required because new funding became available to assist the counties on their projects allowing them additional time to continue control efforts and follow-up on monitoring.


All other terms and conditions of this Agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

RECIPIENT

RECIPIENT'S NAME (Organization's Name)
COUNTY OF SANTA BARBARA

BY (Authorized Signature)



DATE SIGNED (Do not type)

8.24.2021

PRINTED NAME AND TITLE OF PERSON SIGNING

Bob Nelson, Chair

ADDRESS

263 Camino Del Remedio, Santa Barbara, CA 93110-1335

STATE OF CALIFORNIA

AGENCY NAME

DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)

BY (Authorized Signature)



DATE SIGNED (Do not type)

PRINTED NAME AND TITLE OF PERSON SIGNING

CRYSTAL MYERS, BRANCH CHIEF, OFFICE OF GRANTS ADMINISTRATION

ADDRESS

1220 N STREET, ROOM 120
SACRAMENTO, CA 95814

PROJECT

I. Project Overview (FAC 7272.5)

Project Goals and Objectives (check all that apply):

- Increase the profitability and value of crop land and rangeland
- Decrease the costs of roadside, park, and waterway maintenance
- Reduce the fire hazard and fire control costs in the state
- Protect the biodiversity of native ecosystems
- Maintain the recreational and aesthetic value of open space, recreational, and public areas
- Increase water supply and flow

Project Activities (check all that apply):

- Operation of programs by the county agricultural commissioner for control of noxious weeds along county roads and other local government owned property
- Matching funds for control of noxious weeds on city owned streets, parks, rights-of-way, and other public areas
- Disseminating biological control agents by the county agricultural commissioner for the long-term control of yellow starthistle or other noxious weeds
- Abatement of noxious weed infestations on land vital to the success of the program

II. Project Plan

Weed Species to be Controlled:

The grant will be used to control all weed species on the California Noxious Weed list (CCR 4500) and weeds identified by CDFA as being "A,Q or B rated". Purple starthistle and Artichoke thistle were chosen to be the focus of the grant because 1) there is substantial local concern about the potential spread of these species in grasslands and pastures, 2) they are listed by the State as Noxious Weeds (CCR 4500), 3) they are on Caltrans M Weed list, and 4) control of these species is doable due to the relatively small number of localities. These species threaten grazing lands and grassland ecosystems. The majority of the populations are along side or near public roads and spread along these corridors.

III. Revised Reporting/Invoicing Schedule

Grant recipients will be required to submit a mid-year report to CDFA documenting a visual representation of the project's progress on September 15, 2021.

Important dates:

First Progress Report	September 15, 2021
Second Progress Report	September 1, 2022
Final Date to Expend March 31, 2023 funding portion identified on budget	March 31, 2023
Final Invoice for March 31, 2023 funding portion identified on budget	April 30, 2023
Final Date to Complete Field Work and expend remaining funds per budget	June 30, 2023
Final Report	July 31, 2023
Final Invoice Due	August 15, 2023

Final project reports are required 30 days after project completion, no later than July 31, 2023. Final project reports should include detailed information on project results and include photos of field work showing progress (before/after photos).

IV. Methodology:

We will conduct a ground survey, collect data and prepare a treatment plan. We will create a geo- database, survey along public roads in Santa Barbara County, ground-truth the reported populations, take photos of each locality, estimate and record the number of individuals of each species at each of the reported locations, prepare a map with points and data for each location including numbers of individuals, photos, notes regarding access and needed safety measures during future treatment. We will establish a grid on a map that can be used to visually display infestations, as well as treated and untreated areas. These data will form the basis of a treatment plan that we will prepare and submit to the Weed Management Agency and CDFA. We are hopeful that it will help to strengthen weed management partnerships with the County Public Works Department and CalTrans. The Operations Manager, Project Manager and Senior Ecologist will design the mapping strategy and co-author the treatment plan. The Project Manager and Senior Ecologist will conduct the surveys. The GIS Technician will build and update the geo database. The administrator will do scheduling and assist with other tasks. The project is limited to a study and a plan and is therefore not likely considered a project pursuant to CEQA. Regardless the County will pursue a CEQA exemption.

Location(s): Santa Barbara County. See attached map and table for reported locations of artichoke thistle and purple start thistle.

Weed Removal/Control Techniques(s): Plants will not be removed or controlled in this first phase of the project.

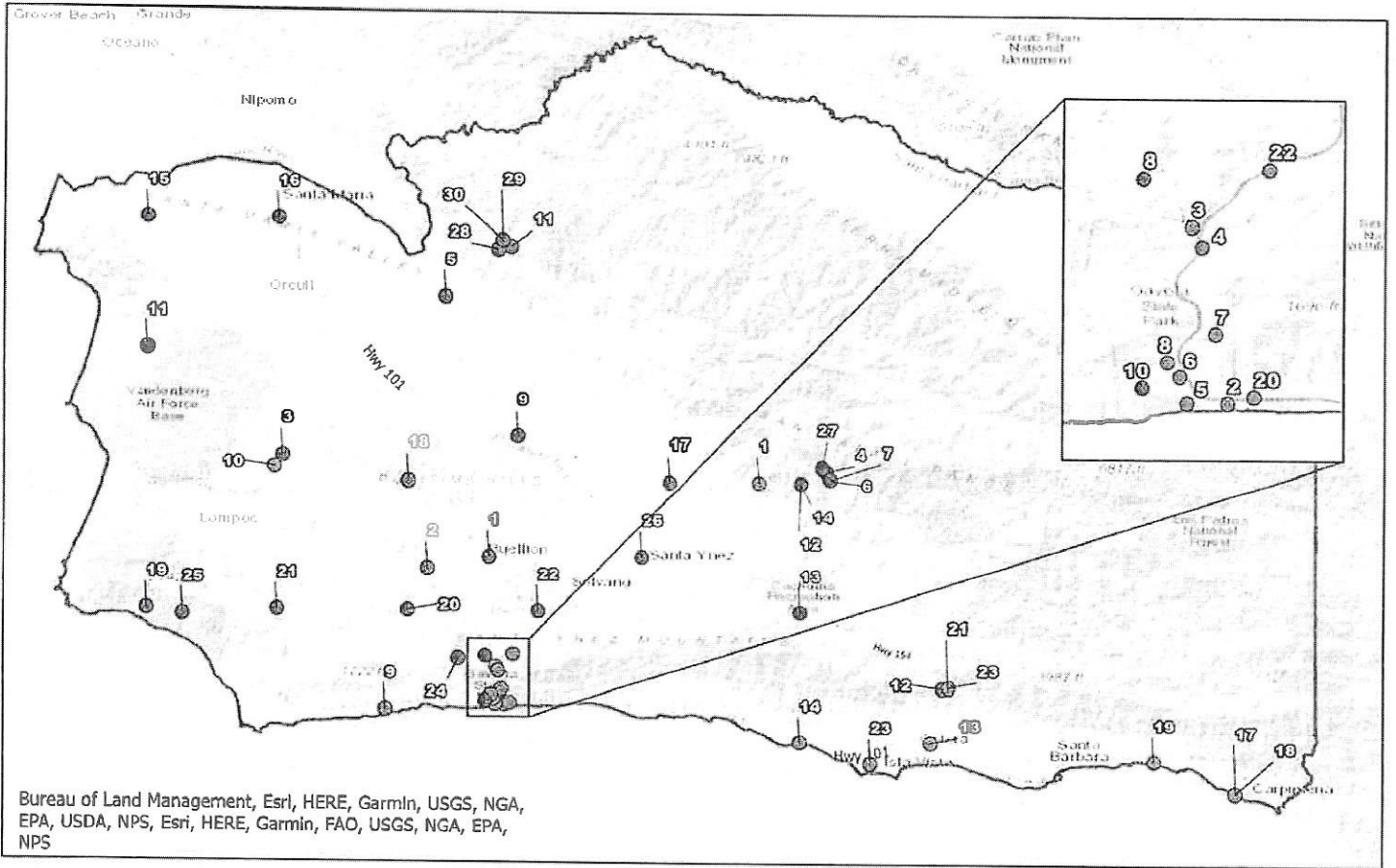


Figure 1. Purple Star Thistle and Artichoke Thistle
Locations in Santa Barbara County
 September 2020

- Artichoke Thistle
- ⊙ Purple star thistle

Location data are in Tables 1 and 2.

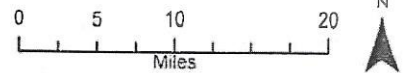


Table 1							
Purple Star Thistle (<i>Centaurea cacitrapa</i>) Locations in Santa Barbara County Reported in CalFlora							
Map ID	CalFlora ID	Latitude	Longitude	Source of information	Date	Observer	Notes
1	po140460	34.61389	-120.23475		8/12/2019	Adonis Tate	
2	po128963	34.60278	-120.29344		4/20/2019	Adonis Tate	
3	po128615	34.71028	-120.43292		3/28/2019	Adonis Tate	
4	edm7980971	34.69835	-119.91303	USDA Forest Service	12/22/2017	Lloyd Simpson	0507_CECA2_FIGUEROA_01
5	po3630	34.86398	-120.27714		6/4/2015	Rob Hobbs	
6	oe2925	34.69139	-119.90935	USDA Forest Service	7/27/2011	Valerie Hubbart	Only one plant seen and removed. The USFS has been treating this infestation manually since 2005.
7	oe2926	34.69139	-119.90935	USDA Forest Service	6/7/2007	Valerie Hubbart	A total of 23 plants removed along the road from Zone 11N 230648mE 3839654mN to 229731mE 3850068mN
8	xr174689	34.51870	-120.23800	CDFA	8/8/2002	D. Chang	
9	xr174717	34.72970	-120.20790	CDFA	7/18/1975	Champion	
10	xr174681	34.47530	-120.23800	CDFA	6/12/1972	Okuye	
11	xr174762	34.91180	-120.21490	CDFA	5/22/1964	Smith 8436	CAS, RSA, CDA SBBG
12	xr174686	34.48970	-119.80120	CDFA	10/15/1945	Smith 1617	SBBG, SBM
13	cli7	34.56250	-119.93750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
14	cli98	34.68750	-119.93750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
15	cli1536	34.93750	-120.56250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
16	cli1538	34.93750	-120.43750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
17	cli1624	34.68750	-120.06250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
18	cli1628	34.68750	-120.31250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
19	cli1639	34.56250	-120.56250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
20	cli1642	34.56250	-120.31250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
21	cli1643	34.56250	-120.43750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
22	cli1647	34.56250	-120.18750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
23	cch: SBBG7850	34.49090	-119.79530	Consortium of California Herbaria	10/15/1945	C. F. Smith	SBBG7850
24	cch: SBBG132059	34.51650	-120.26380	Consortium of California Herbaria	5/25/2013	L. Ballard	SBBG132059
25	cch: OBI62593	34.55740	-120.52840	Consortium of California Herbaria	8/26/1997	David J. Keil	OBI62593
26	cch: SBBG95866	34.61478	-120.08875	Consortium of California Herbaria	6/2/1959	M. Cravens	SBBG95866
27	cch: SBBG105114	34.70250	-119.91720	Consortium of California Herbaria	4/26/1994	C. F. Smith	SBBG105114
28	cch: SBBG21179	34.90900	-120.22700	Consortium of California Herbaria	5/22/1964	E. R. Chandler	SBBG21179
29	cch: CDA7020	34.91761	-120.22298	Consortium of California Herbaria	5/22/1964	C. F. Smith	CDA7020
30	cch: SBBG94668	34.91800	-120.22300	Consortium of California Herbaria	5/22/1964	C. F. Smith	SBBG94668

Table 2							
Artichoke Thistle (<i>Cynara cardunculus</i>) Locations in Santa Barbara County Reported in CalFlora							
Map ID	CalFlora ID	Latitude	Longitude	Source of Information	Date	Observer	Notes
1	oe3048	34.68778	-119.97739		1/26/2012	Valerie Hubbart	Intestation first discovered in 2007 by the U.S. Forest Service. Treated by Santa Barbara County Agricultural Commissioners Office (David Chang)
2	wb684-339	34.47206	-120.22000	California State Parks	4/11/2011	more	
3	wb684-338	34.50870	-120.22771	California State Parks	4/11/2011	more	
4	wb684-336	34.50455	-120.22554	California State Parks	4/11/2011	more	
5	wb684-333	34.47211	-120.22855	California State Parks	4/11/2011	more	
6	wb684-332	34.47763	-120.23015	California State Parks	4/11/2011	more	
7	wb684-330	34.48652	-120.22260	California State Parks	4/11/2011	more	
8	wb684-327	34.48070	-120.23274	California State Parks	4/11/2011	more	
9	xr332996	34.46667	-120.33333	G.F. Hrusa checklists	1/1/1983	Fletcher, Martin	A Flora of Hollister Ranch, Santa Barbara County, California. The Herbarium, Department of Biological Sciences, University of California, Santa Barbara. Publication No. 2, 1983 Voucher location: UCSB
10	ce371	34.69964	-120.44106	Elihu Gevirtz http://www.elihugevirtz.com/	1/1/2004	Mary Carroll, Katrina Burton, Elihu Gevirtz et al.	
11	cli1593	34.81250	-120.56250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
12	cli98	34.68750	-119.93750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
13	cli44	34.43750	-119.81250	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
14	cli41	34.43750	-119.93750	calweedmapper.cal-ipc.org	1/1/2012	staff	Expert knowledge
15	och: SBBG129207	34.00800	-119.55820	Consortium of California Herbaria	5/7/2007	S. Davison, J. Dooley	SBBG129207
16	och: SFV21174	34.01000	-119.57000	Consortium of California Herbaria	5/7/2007	S. Davison, J. A. Dooley	SFV21174
17	och: SBBG40212	34.39050	-119.51980	Consortium of California Herbaria	5/9/1959	H. M. Pollard	SBBG40212
18	och: SBBG40795	34.39050	-119.51980	Consortium of California Herbaria	7/17/1959	H. M. Pollard	SBBG40795
19	och: CAS-BOT-BC287348	34.42100	-119.59900	Consortium of California Herbaria	6/21/1956	Henry M. Pollard	CAS-BOT-BC287348
20	och: CDA4502	34.47343	-120.21450	Consortium of California Herbaria	3/13/2002	Senza, Chang & Castillo	CDA4502
21	och: CDA4504	34.49024	-119.79807	Consortium of California Herbaria	2/6/1959	T. Suzuki	CDA4504
22	och: SBBG65879	34.52050	-120.21150	Consortium of California Herbaria	7/26/1928	R. Hoffmann	SBBG65879
23	och: UCSB39959	34.41737	-119.86983	Consortium of California Herbaria	5/8/1980	S. Whilmore	UCSB37451

Noxious Weed Grant Program Budget

County of Santa Barbara

January 15, 2021 - June 30, 2023

	CDFA Funding	Cost Share
Personnel Services - Weed Control		
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Title:	\$0.00	\$0.00
Subt	\$0.00	\$0.00
Operating Expenses		
Supplies: (must be itemized)		
	\$0.00	\$0.00
	\$0.00	\$0.00
Equipment: (must be itemized)		
	\$0.00	\$0.00
	\$0.00	\$0.00
Herbicides: (must be itemized)		
Type: :		
Amount: Cost:	\$0.00	\$0.00
Type:		
Amount: Cost:	\$0.00	\$0.00
Type:		
Amount: Cost:	\$0.00	\$0.00
Subcontractor/Consultant		
Subcontractor costs	\$47,506.50	\$1,966.50
	\$0.00	\$0.00
Mileage for Weed Control \$0.575 x (Miles)	\$0.00	\$0.00
Subt	\$47,506.50	\$1,966.50
Allowable Costs: (Not more than 10% of the award may be used for meetings, travel, administration, and		
Meetings	\$0.00	\$0.00
Travel	\$0.00	\$0.00
Administration	\$2,000.00	\$0.00
Coordination	\$0.00	\$0.00
Mileage for Meetings, Training, Coordination \$0.575 x (Miles)	\$0.00	\$0.00
Subtotal	\$49,506.50	\$1,966.50
Indirect* (Max 25% of Personnel Costs)	\$0.00	\$0.00
Total	\$49,506.50	\$1,966.50
Amount must be fully expended by March 31, 2023 or sooner	\$24,753.25	
Amount must be expended by June 30, 2023 or sooner	\$24,753.25	
Grant Total CDFA Funding	\$49,506.50	
Grant Total Cost Share	\$1,966.50	

* If claiming less than 25% max Indirect Cost Rate please check this box