



GUAM STATE CLEARINGHOUSE

P.O. Box 2950 Hagåtña, Guam 96932

Tel: (671) 475-9380

Website: www.gsc.guam.gov

Email: clearinghouse@guam.gov

EDDIE BAZA CALVO

I Maga'låhen Guahan

RAYMOND S. TENORIO

I Segundu Na Maga'låhen Guahan

Kate G. Baltazar

Administrator

September 23, 2013

Honorable Judith T. Won Pat, Ed.D.

Speaker

I Mina'Trentai Dos Na Liheslaturan Guåhan

155 Hesler Place

Hagåtña, Guåhan 96910

Ref: Department of Agriculture federal grant application submitted for intergovernmental review

Hafa Adai Speaker Won Pat:

This communication is to respectfully notify you the Guam State Clearinghouse (GSC) has received a federal grant application from the *Department of Agriculture*. The GSC has accepted the application, assigned State Application Identifier (SAI) number 16009131075Y, and has initiated the process for intergovernmental review. Information on the application is provided below:

CFDA Number: 15.634

Grantor: U.S. Fish and Wildlife Service, Region 1

Grant Title: Guam State Wildlife Grant

Details: The funds from this grant will be used to protect the habitat of species of greatest conservation need from little fire ant, eradicating them from up to four (4) discreet areas on Guam.

Start Date: 10/01/2013

End Date: 09/30/2014

Federal Amount: \$52,094.00

Deadline for comments is **October 8, 2013** and can be sent via email to clearinghouse@guam.gov. This is in an effort to reduce costs associated with the review process while maintaining efficiency. This notice is sent to you as part of the intergovernmental review of this application and may be referred to the appropriate overseeing committee of *I Liheslaturan Guåhan*. The GSC point of contact designated for this application is Austin J. Duenas and can be contacted via e-mail at austin.duenas@guam.gov. Please convey any instruction to GSC that may be incorporated in the review of this application.

Dångkolo Na Si Yu'os Ma'åse',

Roe-Ann M. Cruz

Acting Administrator

CC: File



Edward J.B. Calvo
Governor
Raymond S. Tenorio
Lt. Governor

**Department of Agriculture
Dipattamenton Agrikottura**
163 Dairy Road, Mangilao, Guam 96913

Director's Office
Agricultural Dev. Services
Animal Health
Aquatic & Wildlife Resources
Forestry & Soil Resources
Plant Nursery
Plant Inspection Facility

300-7966/64; Fax 734-6569
300-7973/300-7967
300-7965
735-3955/56; Fax 734-6570
300-7976; Fax 300-3201
300-7974
475-1426/27; Fax 477-9487



Mariquita F. Taitague
Director

Manuel P. Duenas, II
Deputy Director

August 26, 2013

Ms. Roe-Ann Cruz
Acting Administrator
Guam State Clearinghouse
P.O. Box 2950
Hagatna, Guam 96932


**Re: Department of Agriculture, Division of Aquatic & Wildlife Resources Grant
T-13-R-1; FON F12AS00102**

Dear Ms. Cruz:

Hafa Adai! Please find attached copies of our application for U.S. Fish & Wildlife State Wildlife Grant funding for \$52,094.00. The projects contained in this application will be to the benefit of Guam's wildlife.

Thank you for your review and approval of our application.

Sincerely,


JOHN C. BORJA
Acting

Attachment(s):



GUAM STATE CLEARINGHOUSE

P.O. Box 2950 Hagåtña, Guam 96932
Tel: (671) 475-9380
Website: www.guamclearinghouse.com
Email: clearinghouse@guam.gov

EDWARD J.B. CALVO
I Maga'låhen Guahan

RAYMOND S. TENORIO
I Segundu Na Maga'låhen Guahan

Grant Project Application Notice of Intent to Apply for Federal Assistance GSC FORM REVISED 03/21/2012

Guam State Clearinghouse Use Only	
Date Received:	<input type="text"/>
Received By:	<input type="text"/>
SAI Number:	<input type="text"/>

Type of Application New Grant* Continuing Grant** Supplemental Grant** Other*

A.) DUNS Number B.) Date

C.) Applicant/Department Name

D.) Division

E.) Applicant Address

F.) Applicant/Department Point of Contact Information

Contact Person Name Phone Number

E-mail Address

G.) Due Date to Federal Agency

H.) Federal Funds

a.) Grant

b.) Other

I.) Non-Federal, Matching Funds

a.) Local

b.) In-Kind

c.) Other

J.) TOTAL FUNDS

K.) CFDA/Federal Program Name

L.) Federal Agency Name

M.) Federal Agency Address

N.) For Continuing or Supplemental Grants, Please provide the following information:

a.) Initial Grant Period

b.) Guam State Clearinghouse SAI Number

c.) Grant Year This Application Impacts

O.) Has the Federal Funding Agency been notified? YES NO

P.) During which Fiscal Year will this program be implemented?

Q.) If the project requires local funding in addition to the federal funding requested, please specifically identify source and rationale:

R.) This program is: Budgeted - Please identify legal budget authority

Non- Budgeted

S.) Will this program require the hiring of additional employees? Is YES, please provide the number of employees (both existing and new) and justification. YES - Existing New NO

T.) List Departments and Agencies that would be affected directly or indirectly by this application

Department of Agriculture

U.) Please provide a Project Summary with supporting documents if needed.

Grant is attached

- V.) Please answer the following:
- a.) Does this application require an Environmental Impact Study? YES NO
 - b.) Will this application conflict with any existing law? YES NO
 - c.) Is enabling legislation required? YES NO
 - d.) Will the program require a maintenance of effort? YES NO
 - e.) Are in-kind services allowed for this program? YES NO
 - f.) Does this program allow an indirect cost rate to be applied? YES NO

SUBMITTED AND APPROVED BY:

Printed Name, Position/Title of Authorized Representative JOHN C. BORJA, ACTING DIR.
Mariquita F. Taitague, Director

SIGNATURE 

Date



GUAM STATE CLEARINGHOUSE

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I Maga'låhen Guahan

RAYMOND S. TENORIO
I Segundå Nu Maga'låhen Guahan

KATE G. BALTAZAR
Administrator

Guam State Clearinghouse Grantee Agreement

Current Date 8/19/13

Name of Grant State Wildlife Grant

Agency Name Department of Agriculture

Division Name Aquatic & Wildlife Resources

SAI Number

Grant Award Number FON F12AS00102

Grantor Name US Fish & Wildlife Service

Grant Amount \$52,094.00

Grant Start Date 10/1/13

Grant End Date 9/30/14

RECITALS:

This grant agreement is entered into by the Guam State Clearinghouse and the Agency mentioned above.

Whereas *I Maga'låhen Guahan* is the grantee of all federal grants.

Whereas the Guam State Clearinghouse is the Government of Guam's Single Point of Contact for all Federal aid programs, grants, loans, contracts, contributions, appropriations, advances, direct Federal development and other Federal funding sources for Guam.

The Agency whose name appears above agrees to the following terms:

- 1) Adherence to the Guam State Clearinghouse's Standard Operating Procedures (SOP).
- 2) Adherence to all reporting requirements stemming from the SOP and the grant terms and conditions.
- 3) Ensure the funds subject to this Agreement are used in compliance with conditions, requirements and restrictions germane to local and Federal laws, and to the provisions of the grant award.
- 4) Make records available to the Guam State Clearinghouse, the Public Auditor of Guam, federal agencies and other authorized governmental agencies for review, audit and investigation.

This agreement is entered into by the Guam State Clearinghouse and the Agency named above effective on the grant start date and terminates three (3) business days after the grant end date on:

10/4/14

Printed Name Mariquita F. Taitague

JOHN C. BORJA, Acting DIR.

Director of Agency or Authorized Representative*
*Authorized Representative designated on the GSC Notice of Intent to Apply

Kate G. Baltazar, Administrator of the GSC



Department of Agriculture Dipattamenton Agrikottura

163 Dairy Road, Mangilao, Guam 96913



Edward J.B. Calvo
Governor
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Director's Office
Agricultural Dev. Services
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Plant Nursery
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735-3955/56; Fax 734-6570
300-7976; Fax 300-3201
300-7974
475-1426/27; Fax 477-9487

Mariquita F. Taitague
Director

Manuel P. Duenas, II
Deputy Director

July 26, 2013

Dr. Ruth Utzurum / Mr. E. Flinn Curren
Pacific Islands Federal Coordination Specialists
U.S. Fish and Wildlife Service
300 Ala Moana Blvd., Federal Aid Rm. 5-207
P.O. Box 50167
Honolulu, HI 96850

Re: T-13-R-1 State Wildlife Grant Program FY2014, FON – F12AS00102

Dear Dr. Utzurum / Mr. Curren:

Hafa Adai! Please find attached the Project Narrative, Grant Agreement, Section 7, and NEPA documentation for State Wildlife Program Grant T-13-R-1 project obligating \$52,094.00 for FY14. T-13-R-1 includes the project entitled, "Little Fire Ant, *Wasmannia auropunctata*, Eradication Pilot Project", SF424 and SF424a, are also included for your approval.

Thank you for your support and assistance. Should you have any questions, please feel free to contact Ms. Diane Vice, or Mr. Celestino Aguon, at (671) 735-3955/56.

Thank you for your assistance in this matter.

MARIQUITA F. TAITAGUE

Attachment(s):

cc: Region 1, Dr. Fred Caslick, USFWS

STATE WILDLIFE GRANT PROGRAM

CFDA: 15.634

FON12AS00102

T-13-R-1 Project:

Little Fire Ant, *Wasmannia auropunctata*,

Eradication Pilot Project

FISCAL YEAR 2014

July 26, 2013 (FINAL)

Division of Aquatic and Wildlife Resources
Department of Agriculture
Government of Guam
(671) 735-3956/80
(671) 734-6570 (FAX)

GUAM STATE WILDLIFE GRANT PROGRAM: T-13-R-1

October 1, 2013-September 30, 2014

GRANT NARRATIVE**PROJECT TITLE:**Little Fire Ant, *Wasmannia auropunctata*, Eradication Pilot Project**INTRODUCTION**

Projects funded by the State Wildlife Grant Program (SWGP) are administered within the Wildlife Section of the Guam Department of Agriculture's Division of Aquatic and Wildlife Resources. Guam's Comprehensive Wildlife Conservation Strategy is the guiding document for projects funded under SWGP.

The T-13-R-1 project is entitled, "Little Fire Ant, *Wasmannia auropunctata*, Eradication Pilot Project". This project aims to protect the habitat of species of greatest conservation need (SGCN) from little fire ant (LFA, *Wasmannia auropunctata*). It is a result of an emerging issue on Guam. Currently LFA has been found in eleven discreet areas on Guam. In order to protect Guam's habitat from LFA invasion and subsequent spread throughout Guam, the project seeks to eradicate LFA from up to four discreet areas on Guam. The cost of the project is **\$52,094**. The project involves a partnership with Guam Department of Agriculture's Biosecurity Division. The Biosecurity Division will provide local transportation, planning and management of staff and operations during the eradication pilot project.

NEED

Little Fire Ant (LFA), *Wasmannia auropunctata*, was detected on Guam in November 2011. Previous infestations in the Pacific Basin include the Hawaiian Islands of Hawaii, Maui and Kauai, New Caledonia, and Northern Queensland, Australia. The devastating effects of LFA on agriculture and forest ecosystems observed in LFA infested areas are likely to occur on Guam and any other Micronesian island infested by LFA. LFA surveys on Guam suggest that it is presently established on at least eleven sites on the island, including a green waste hard-fill site of about 7 ha, and several small areas on farms and in residential areas.

Although the origin of the original infestation is unknown (DNA analysis is pending), the local spread of the LFA can be tracked to human transport of infested plant material. The LFA does not spread quickly without hitching a ride with people. The infested sites on Guam appear linked to the removal of plant material from the hard-fill site (this has since been halted) and the trade of infested plants among friends. Public awareness of the areas infested with LFA, how it is transported and its impact to Guam's SGCN could deter the spread of LFA throughout Guam, as well as information regarding the cleaning of plants prior to transport.

The LFA is a threat to species of greatest conservation need and their habitat; LFA infests all levels of the canopy as well as the ground. As people and animals move through

infested areas, the ants drop from the canopy and/or move into areas where native species are residing and send a signal to all to sting at once. LFA has been implicated in the decrease in overall abundance of two dominant lizard species in New Caledonia, (Jourdan et al. 2001) and, in Hawaii and the US blindness in dogs and cats. Initial investigations of LFA sites on Guam indicate a distinct lack of biodiversity in infested areas, that is, no other ant species are present when LFA are present and lizard populations are also decreased (Dr. Ross Miller, personal communication).

If LFA is left to spread further throughout Guam, there will be no habitat suitable for the recovery of Guam's SGCN. Specifically, LFA infestation will impact chicks and eggs of native forest birds, as well as captive breeding efforts for the Guam rail and Micronesian kingfishers. LFA has the potential to impact the prey base of SGCN and hamper snake control efforts through destruction of attractants in traps and baits laced with acetaminophen. LFA eradication will be necessary in all infested areas prior to any efforts to recover SGCN. This project will develop on-island capacity and test established protocols (developed in Hawaii) on Guam.

The LFA infested areas are discrete and eradication is feasible on Guam if action is taken quickly to protect Guam's SGCN from the ecologically devastating LFA.

GOAL

To preempt the spread and potential impacts of LFA on the habitat of Guam's SGCN by eradicating LFA from discrete locations on Guam and promoting awareness among landowners and nurserymen on how to prevent the spread of invasive species via plant sales and transplantation.

BENEFITS

This project will protect the fragile habitats of SGCN, especially the Mariana crow, Micronesian kingfisher, Guam rails, and other forest birds, in preparation for their eventual translocation and recovery on Guam. A healthy forest free of LFA provides habitat for many species that provide food for Guam's SGCN.

Implementation of this project will allow eradication of LFA in some sites on Guam, control it on other Guam sites, and dramatically reduce the chances of its spread into key habitats. It will provide training to local personnel in LFA identification and control, and will enhance cooperation throughout Guam to control invasive pests. It will reduce the threat of LFA to agricultural production in the Mariana Islands, reduce the threat posed by LFA to human and animal health, and foster collaboration between government agencies, universities, commercial industries, and private individuals.

The collateral materials will encourage Guamanians to follow biosecurity protocols to ensure clean plants prior to movement. Clean plants will help reduce the spread of LFA and other plant-associated invasive pests and assist in maintaining safe habitats for restoration of Guam's SGCN.

Public awareness produced in this project will also assist with continued surveillance for LFA in areas not yet infested which will greatly increase the chances of successful elimination of LFA should it be found while in the early stages of establishment in Guam's pristine and fragile environments. Early detection will allow future infestations on Guam to be effectively dealt with at minimal cost and at the individual land or homeowner level.

OBJECTIVES

- 1) Eradicate LFA from up to four discrete locations on Guam.
- 2) Design and print collateral materials promoting the protection of Guam's SGCN by ensuring that invasive species like LFA are not spread through the transport of green waste materials.

APPROACH

- 1) The DAWR will partner with the Department of Agriculture's Biosecurity Division, headed by the Territorial Entomologist, Dr. Russell Campbell.
- 2) A DAWR wildlife technician will be assigned to assist with the eradication of LFA from four discrete sites on Guam. The technician will be working with the Biosecurity Division, on average, two days per week.
- 3) A Memorandum of Understanding with the University of Guam (who manages the hiring of the existing Coconut Rhinoceros Beetle technicians) will be completed to provide funds for a Coconut Rhinoceros Beetle technician to work on the LFA project two days per week. These technicians have been working throughout Guam for over four years and know the island well. They were the ones who initially discovered LFA in northern Guam while investigating CRB infestations.
- 4) Specific sites slated for eradication are selected in consultation with the University of Hawaii's Dr. Cas Vanderwoude and the University of Guam's Dr. Ross Miller. Both individuals have extensive experience with ant surveillance and ant eradication efforts in the Pacific. The most likely site selections include four residential areas (two in Nimitz Hill, one in Merizo and one on Bella Road in Barrigada) and a ranch in Dededo. Selected infested residential sites are fairly small lots (less than one acre as of December 2012) with simple landscapes, i.e., no heavy jungle, no waterways, and easy access (both physical and permission-wise). The one ranch in Dededo is a limited infestation near the gate of the ranch. All sites were selected based on being the areas that would most likely to succeed for initial LFA eradication and methodologies development.
- 5) One staff will travel to Hilo, Hawaii and train in the Hawaii Ant Lab for up to two weeks. The training at the Hawaii Ant Lab will include participation in all aspects of the control of LFA. The individual will work with and assist the Hawaii Ant Lab staff in the field on current control projects, i.e., monitoring of sites for LFA, monitoring for presence of other species pre and post treatment, mixing and applying ant bait, and assisting with public education events. The experience gained at the Hawaii Ant Lab will support the Biosecurity Division's eradication efforts on Guam.

- 6) Two staff will attend pesticide application training and be certified by Guam EPA to apply Tango prior to field application. Tango will be mixed and applied according to the EPA label for use on Guam. See attached EPA label.
- 7) A pre-application survey of native wildlife will be conducted for comparative purposes to post-treatment recovery. Sticky traps will be set on the ground and in the trees to document presence of lizards; lizards will be released alive using vegetable oil to remove sticky substance. Visual and audio surveys for birds will be conducted to indicate presence of bird species, peanut butter (protein) and sugar sticks will be used to indicate the presence of ant species (LFA and others).
- 8) Prior to and following the pesticide application (Tango and/or Amdro) LFA surveys will be conducted to document ant activity in treatment areas. Pre-application will assist in the delimiting of sites for eradication. Post-application surveys will be conducted to determine the effectiveness of the bait and the timing and need for more applications. Lure sticks (chopsticks with a thin layer of peanut butter) will be placed in random potted plants, on the ground and in vegetation such as palms and bananas every 15-20 feet in a grid throughout the sites. Lures will be left for 60-90 minutes. Lures containing suspect ants will be placed into a ziplock bag and placed in freezer overnight. Guam Agriculture will identify species collected.
- 9) Post application grid surveys will be conducted two months following initial pesticide application – if LFA are present pesticides will be reapplied according to EPA label to infested areas. Site will be revisited in two months following treatment and retested for LFA activity. If LFA are not found, no pesticide is applied and grid survey will be repeated in two months time. If after four months there is no LFA detected, the site will be grid surveyed every six months. Eradication is considered successful after two years with no LFA found. Landowners will play a key role in long term detection monitoring.
- 10) Collateral materials will be developed and distributed to promote awareness of the problems LFA post to native wildlife and their habitats, as well as what the public can do to prevent the spread of LFA.
- 11) Reports will be written.

Staff: Diane Vice Project Leader, other wildlife staff as assigned

Cooperators: Guam Biosecurity Division, University of Guam and University of Hawaii

GEOGRAPHIC LOCATION

Guam

SCHEDULE

FY

Cost

Little Fire Ant Eradication Pilot Project 14 \$52,094

TIMELINE

October 2013 to Jan 2014	Submit GG1 for hiring of Wildlife Technician I
October 2013 to Jan 2014	Administration and establishment of accounts
January to March 2014	Complete MOU with UOG
January to August 2014	Submit quotes and requisitions for purchase orders
	Work with landowners to obtain access for treatment
	Conduct pre-treatment biological surveys
	Complete pesticide applicator training
	Develop collateral materials
February to September 2014	Conduct pre-application site surveys. Apply pesticide according to label, monitor for LFA activity, conduct post-application site surveys. Instruct landowners on methods to monitor for LFA.

BUDGET

Personnel	# Days/%FTE	Salaries	Benefits	Indirect (9.46% of sal)	Total
Wildlife Technician I	105 days/40%	\$12,404	\$ 3,248	\$1,174	\$16,826
* based on 40% Ray W Tech I wages from internet					

MOU with UOG CRB Crew	# Days/%FTE	Salaries	Social Security	UOG Admin fee (15%)	Total
CRB Technician	140 days	\$9,520	\$720	\$1,428	\$11,668

BUDGET (Continued)

Object Class		
DAWR Salaries (111)	See above for details.	\$12,404
DAWR Benefits (113)	See above for details.	\$ 3,248
DAWR Indirect (701)	See above for details.	\$1,174
Travel (220)	Hilo, Hawaii Ant Lab 1 person for 10 days	\$ 6000
Equipment (250)	Applicator tools (eg. portable drill)	\$ 1,000
Supplies (240)	Office supplies, spray bottles, gel, zanthan gum, corn oil, peanut butter, safety equipment, mixing tools, pesticides (Tango, Amdro)	\$ 7,000
Contracts (230)	Newspaper ads, notices, printing, collateral materials, pesticide	\$ 9,600

Sub-grant (280)	applicator training. MOU with UOG for staff	\$11,668
Total		\$52,094

REFERENCE

Jourdan, Herve, Ross A. Sadler and Aaron M. Bauer 2001. Little fire ant invasion (*Wasmannia auropunctata*) as a threat to New Caledonian lizards: evidences from a sclerophyll forest (Hymenoptera: Formicidae). *Sociobiology*, 38(3A):283-300.

GUAM STATE WILDLIFE GRANT PROGRAM: T-13-R-1
 October 1, 2013-September 30, 2014

GRANT AGREEMENT

PROJECT TITLE: Little Fire Ant, *Wasmannia auropunctata*, Eradication Pilot Project

OBJECTIVES

- 1) Eradicate LFA from up to four discrete locations on Guam.
- 2) Design and print collateral materials promoting the protection of Guam's SGCN by ensuring that invasive species like LFA are not spread through the transport of green materials.

Staff: Diane Vice Project Leader, other wildlife staff as assigned

Cooperators: Guam Biosecurity Division, University of Guam and University of Hawaii

BUDGET

Personnel	# Days/%FTE	Salaries	Benefits	Indirect (9.46% of sal)	Total
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Contracts (230)	Newspaper ads, notices, printing, collateral materials, pesticide applicator training.	\$ 9,600
Sub-grant (280)	MOU with UOG for staff	\$11,668
Total		\$52,094

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. FON-F13AS00102	15.634	\$	\$ 0.00	\$ 52,094.00	\$ 0.00	\$ 52,094.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$	\$ 0.00	\$ 52,094.00	\$ 0.00	\$ 52,094.00

SECTION B - BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) FON-F13AS00102	(2)	(3)	(4)	
a. Personnel	\$	12,404.00	\$	\$	\$ 12,404.00
b. Fringe Benefits		3,248.00			3,248.00
c. Travel		6,000.00			6,000.00
d. Equipment		1,000.00			1,000.00
e. Supplies		7,000.00			7,000.00
f. Contractual		9,600.00			9,600.00
g. Construction		0.00			0.00
h. Other		11,668.00			11,668.00
i. Total Direct Charges (sum of 6a-6h)		50,920.00	0.00	0.00	50,920.00
j. Indirect Charges		1,174.00			1,174.00
k. TOTALS (sum of 6i and 6j)	\$	52,094.00	\$ 0.00	\$ 0.00	\$ 52,094.00

7. Program Income	\$	0.00	\$	\$	\$
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Authorized for Local Reproduction

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. FON-F13AS00102	\$ 52,094.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 52,094.00
9.	0.00	0.00	0.00	0.00	0.00
10.	0.00	0.00	0.00	0.00	0.00
11.	0.00	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)	\$ 52,094.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 52,094.00

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	13. Federal	\$ 52,094.00	\$ 52,094.00	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 52,094.00	\$ 52,094.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. FON-F13AS00102	\$ 52,094.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
17.	0.00	0.00	0.00	0.00	0.00
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 52,094.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: \$50,920	22. Indirect Charges: \$1,174
23. Remarks:	

APPLICATION FOR FEDERAL ASSISTANCE

Version 7/03

1. TYPE OF SUBMISSION: Application		2. DATE SUBMITTED 07/01/2013	Applicant Identifier T13-R-1
<input type="checkbox"/> Construction	<input type="checkbox"/> Pre-application	3. DATE RECEIVED BY STATE	State Application Identifier F12AS00102
<input checked="" type="checkbox"/> Non-Construction	<input type="checkbox"/> Construction	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
<input type="checkbox"/> Non-Construction	<input type="checkbox"/> Pre-application		
5. APPLICANT INFORMATION			
Legal Name: Division of Aquatic and Wildlife Resources, Department of Agriculture		Organizational Unit: Department: Department of Agriculture	
Organizational DUNS: 855023235		Division: Aquatic and Wildlife Resources	
Address: Street: 163 Dairy Road		Name and telephone number of person to be contacted on matters involving this application (give area code) Prefix: Mr. First Name: Celestino	
City: Mangilao		Middle Name F.	
County: USA		Last Name Aguon	
State: Guam	Zip Code 96913	Suffix:	
Country: USA		Email: tino_aguon@yahoo.com	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 98-0018947		Phone Number (give area code) (671) 735-3979	Fax Number (give area code) (671) 734-6570
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) Other (specify) Guam State Wildlife Grant		7. TYPE OF APPLICANT: (See back of form for Application Types) A. State Other (specify)	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE (Name of Program): State Wildlife Grant 15-634		9. NAME OF FEDERAL AGENCY: U.S. Department of Interior, Fish and Wildlife Service	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Guam		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Guam State Wildlife Grant FON-F12AS00102	
13. PROPOSED PROJECT Start Date: 10/01/2013 Ending Date: 09/30/2014		14. CONGRESSIONAL DISTRICTS OF: a. Applicant Guam b. Project Guam	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 52,094.00	a. Yes. <input checked="" type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: 08/01/2012	
b. Applicant	\$ 0.00	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
c. State	\$ 0.00	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
d. Local	\$ 0.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
e. Other	\$ 0.00	<input type="checkbox"/> Yes If "Yes" attach an explanation. <input checked="" type="checkbox"/> No	
f. Program Income	\$ 0.00		
g. TOTAL	\$ 52,094.00		
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Authorized Representative			
Prefix Mrs.	First Name Mariquita	Middle Name F.	
Last Name Taitague		Suffix	
b. Title Director	c. Telephone Number (give area code) (671) 735-3970		
d. Signature of Authorized Representative <i>[Signature]</i>		e. Date Signed 7/26/2013	

NEPA COMPLIANCE CHECKLIST

State: Guam Federal Financial Assistance Grant/Agreement/Amendment Number: T-13
 Grant/Project Name: T-13 Little Fire Ant, Wasmannia auropunctata, Eradication Pilot Project

This proposal is; is not completely covered by categorical exclusion 1.4-B(1) in 516 DM 2, Appendix 1; and/or 516 DM 6, Appendix _____.
 (check (✓) one) (Review proposed activities. An appropriate categorical exclusion must be identified before completing the remainder of the Checklist. If a categorical exclusion cannot be identified, or the proposal cannot meet the qualifying criteria in the categorical exclusion, or an extraordinary circumstance applies (see below), an EA must be prepared.)

Extraordinary Circumstances:

Will This Proposal (check (✓) yes or no for each item below):

- | Yes | No | |
|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Have significant adverse effects on public health or safety. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Have significant adverse effects on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds (Executive Order 13186); and other ecologically significant or critical areas under Federal ownership or jurisdiction. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA Section 102(2)(E)]. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Have a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Have significant adverse effects on properties listed or eligible for listing on the National Register of Historic Places as determined by either the bureau or office, the State Historic Preservation Officer, the Tribal Historic Preservation Officer, the Advisory Council on Historic Preservation, or a consulting party under 36 CFR 800. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. Have significant adverse effects on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant adverse effects on designated Critical Habitat for these species. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Have the possibility of violating a Federal law, or a State, local, or tribal law or requirement imposed for the protection of the environment. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Have the possibility for a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Have the possibility to limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 12. Have the possibility to significantly contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112). |

(If any of the above extraordinary circumstances receive a "Yes" check (✓), an EA must be prepared.)

Yes No This grant/project includes additional information supporting the Checklist.

Concurrences/Approvals:

Project Leader: _____ Date: 7/26/13

State Authority Concurrence: _____ Date: 7/26/13

(with financial assistance signature authority, if applicable)

Within the spirit and intent of the Council of Environmental Quality's regulations for implementing the National Environmental Policy Act (NEPA) and other statutes, orders, and policies that protect fish and wildlife resources, I have established the following administrative record and have determined that the grant/agreement/amendment:

- is a categorical exclusion as provided by 516 DM 6, Appendix 1 and/or 516 DM 2, Appendix 1. No further NEPA documentation will therefore be made.
- is not completely covered by the categorical exclusion as provided by 516 DM 6, Appendix 1 and/or 516 DM 2, Appendix 1. An EA must be prepared.

Service signature approval:

RO or WO Environmental Coordinator: _____ Date: _____

Staff Specialist, Division of Federal Assistance: _____ Date: _____

(or authorized Service representative with financial assistance signature authority)

Federal Aid Section 7 Evaluation Form - PHASE 1

To be completed by Grantee

[Note: If more space is needed for responses, attach additional sheets, or set up this form to accommodate your responses.]

Originating Person: Celestino Aguon State/Agency: Guam Division of Aquatic & Wildlife Resources
Date: July 26, 2013

Grant Number and Project Title: T-13 Little Fire Ant, *Wasmannia auropunctata*, Eradication Pilot Project

1. Grant Start Date: October 1, 2013 Grant End Date: September 30, 2014
2. County project(s) will occur in: Guam
3. Section, township, and range (or latitude and longitude): _____
4. Listed/Proposed/Candidate species and critical habitat present and occurring within 1 mile of the project(s) area:
The Mariana fruit bat (*Pteropus marianus*) is listed as threatened and singles are sometimes seen roosting on Guam. Mariana common moorhen (*Gallinula chloropus guami*) are present in small numbers and may occur in fresh water habitats. Candidate species that may occur include Eight spot butterfly (*Hypolimnas octocula marieanensis*) and *Partula radiolata*.

5. Describe the proposed project(s). Be as specific as possible. Attach additional pages as needed. Provide map of the project(s) location, and include species and critical habitat occurrences. Include responses to the following:

- A. How many acres/miles does the project(s) encompass?
- B. What week(s) or month(s) will project(s) occur?
- C. How long will it take to complete the project(s)?
- D. What machinery, if any, will be involved?
- E. Will herbicides be used? If so, describe what herbicide, what it will be used for, and application rate.
- F. By implementing the project(s), what will be accomplished?
- G. If there are no field activities, what is the nature of the proposed project?

The control activities will be conducted on Guam in up to four areas that are less than 10 acres in total size. The exact locations will be subject to selection by experts during the consultation process of the project, however most likely the sites selected will be four residential lots in Nimitz Hill (2), Merizo (1) and Barrigada (1). One site will be at a ranch – the gate area. All sites selected are simple in nature, i.e., no waterways, no thick jungle, and easy access to ensure success. US FWS Ecological Services will be kept abreast of the locations selected for treatment. Timing of applications will be dependent on the establishment of accounts and completion of MOUs – estimated time to initiate could be as early as January 2014 for the DAWR staff and March for the UOG CRB technician. The project will be completed when the ants are eliminated from each of the areas or when the grant expires – periodic long term monitoring will continue for presence of ants. No machinery or herbicides will be used. The pesticide Tango an ant growth regulator will be used according to the label. By completing the project the little fire ants will be eliminated from the targeted areas and the habitat will be safe for native wildlife.

6. What is the estimated effect of the project(s) on each listed species and critical habitat? Evaluate each action on each species.

There will be a positive impact for all species by creating safe habitat for native wildlife.

7. List any federal permits and/or biological opinions (and their permit/tracing numbers), exemptions under ESA Section 4(d), or other permit authorizations (e.g., state or Corps permits) that may apply to this project(s):

Guam DAWR has a Cooperative Agreement with the US Fish & Wildlife Service that was signed in March 7, 1980. The Cooperative Agreement is renewed annually through the submission of reports and a Memorandum of Law from the Guam Attorney General stating whether there have been any laws passed that would make Guam ineligible to be part of the agreement. USFWS will be notified of project scope to ensure compliance under Section 6 of ESA.

8. List the mitigation measures associated with the project(s) that will be taken to reduce adverse effects on listed, proposed, or candidate species and critical habitat:

Pre- and post-application surveys will be conducted for the presence of native wildlife and enable documentation of wildlife recovery post-treatment.

9. Agency Approval


Signature

3/26/13
Date

Mariquita F. Taitague, Director

Opportunity Title:	R1 State Wildlife Grant Program
Offering Agency:	Fish and Wildlife Service
CFDA Number:	15.634
CFDA Description:	State Wildlife Grants
Opportunity Number:	F12AS00102
Competition ID:	
Opportunity Open Date:	10/01/2011
Opportunity Close Date:	08/31/2013
Agency Contact:	Kelly Sliger Fiscal Specialist E-mail: Kelly_Sliger@fws.gov Phone: 503-231-2067

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

* Application Filing Name:

Mandatory Documents

Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

Application for Federal Assistance (SF-424)

Project Narrative Attachment Form

Budget Narrative Attachment Form

Optional Documents

Budget Information for Non-Construction Program Assurances for Non-Construction Programs (SF-42)

Budget Information for Construction Programs (S Assurances for Construction Programs (SF-424D)

Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

Other Attachments Form

Instructions

- 1** Enter a name for the application in the Application Filing Name field.
 - This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
 - You can save your application at any time by clicking the "Save" button at the top of your screen.
 - The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

- 2** Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.
 - It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.
 - The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".
 - To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.
 - All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

- 3** Click the "Save & Submit" button to submit your application to Grants.gov.
 - Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
 - Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
 - The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
 - You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

Application for Federal Assistance SF-424

Version 02

*** 1. Type of Submission:**

- Preapplication
- Application
- Changed/Corrected Application

*** 2. Type of Application:**

- New
- Continuation
- Revision

*** If Revision, select appropriate letter(s):**

*** Other (Specify)**

*** 3. Date Received:**

Completed by Grants.gov upon submission.

4. Applicant Identifier:

State Wildlife Grant -T-13-R-1

5a. Federal Entity Identifier:

T12

*** 5b. Federal Award Identifier:**

T13-R-1

State Use Only:

6. Date Received by State:

7. State Application Identifier:

T-13-1FON-F12AS00102

8. APPLICANT INFORMATION:

*** a. Legal Name:**

Guam Department of Agriculture

*** b. Employer/Taxpayer Identification Number (EIN/TIN):**

98-0018974

*** c. Organizational DUNS:**

855023235

d. Address:

*** Street1:**

163 Dairy Road

Street2:

*** City:**

Mangilao

County:

*** State:**

GU: Guam

Province:

*** Country:**

USA: UNITED STATES

*** Zip / Postal Code:**

96932

e. Organizational Unit:

Department Name:

Government of Guam, Department

Division Name:

Aquatic & Wildlife Resources

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

*** First Name:**

Celestino

Middle Name:

F.

*** Last Name:**

Aguon

Suffix:

Title:

Chief of DAWR

Organizational Affiliation:

Government of Guam, Department of Agriculture

*** Telephone Number:**

671-735-3955/6

Fax Number:

671-734-6570

*** Email:**

tino_aguon@yahoo.com

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

F: U.S. Territory or Possession

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Fish and Wildlife Service

11. Catalog of Federal Domestic Assistance Number:

15.634

CFDA Title:

State Wildlife Grants

*** 12. Funding Opportunity Number:**

F12AS00102

*** Title:**

R1 State Wildlife Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Guam

*** 15. Descriptive Title of Applicant's Project:**

State Wildlife Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="52,094.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="52,094.00"/>

* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

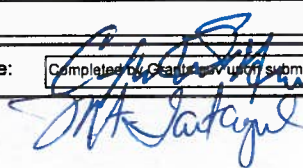
Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:



Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Project Narrative File(s)

* **Mandatory Project Narrative File Filename:**

To add more Project Narrative File attachments, please use the attachment buttons below.

Budget Narrative File(s)

* Mandatory Budget Narrative Filename:

To add more Budget Narrative attachments, please use the attachment buttons below.

Other Attachment File(s)

* Mandatory Other Attachment Filename:

To add more "Other Attachment" attachments, please use the attachment buttons below.

TANGO

2(ee) Recommendation

For the Control of Little Fire Ants in vineyards, row crops, bearing and non-bearing fruit trees, citrus and nut groves or other crop and non-crop areas

For Distribution and Use Only Within the U.S Territory of Guam

EPA Reg. No. 2724-420

Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

FIFRA Section 2(ee) permits "applying a pesticide to a target pest not specified on the label if it is to a site on the label." and "Employing any method of Application not prohibited by labeling". The following is a Wellmark International authorized 2(ee) recommendation.

This recommendation is made as permitted by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by EPA.

Important

Before using this product, read and carefully observe all applicable directions, restrictions, and precautionary statements on the EPA-registered container label.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Wear protective eyewear (goggles, face shield, or safety glasses).

Rates and Timing

Little Fire Ant:

Bait Preparation - Thoroughly mix TANGO™ with the appropriate bait matrix to achieve a final concentration of 0.25% S-methoprene.

Apply bait at sites of ant activity with appropriate application equipment. Bait may be applied in arboreal situations to trees, shrubs, and other plant material to control nesting ants. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for bait placement. Following bait placement, monitor for ant activity and replenish bait mixture as needed. Bait stations are not required as they may hinder bait acceptance.

THIS 2(EE) RECOMMENDATION MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

Registrant:

WELLMARK INTERNATIONAL

Schaumburg, IL 60173

May, 2013



GENERAL INFORMATION – TANGO™ is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. TANGO™ contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony, the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGR's work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete

without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced, resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

DIRECTIONS FOR USE – It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS – Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry: treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: • Coveralls • Chemical resistant gloves (made of any waterproof material) • Shoes plus socks.

APPLICATION SITES:

Outdoor Use – Use TANGO™ in, but not limited to, the following areas:

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non-bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings, homes, sheds, kennels, barns, poultry houses, swine operations, dairies, and other areas where ants are a problem.

Indoor Use – Use TANGO™ to treat indoor ant infestations in these and other areas where ants are a problem.

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns, poultry houses, dairies, swine operations
- Warehouses, food preparation and processing facilities

TREATMENT PROCEDURE AND BAITING INTENSITY

Indoor and outdoor perimeter applications: The number of bait placements per area will vary with the intensity of infestation. For indoor and outdoor perimeter uses against Pharaoh ants and small colonies of Argentine ants, the average baiting intensity is one bait placement per 3m² (27 sq ft). Ensure that all infested areas are thoroughly baited. The amount of bait to use will vary with species and whether a liquid or solid bait is presented. For solid baits, use 1 – 2 grams of bait per location or 1 – 2 fluid ounces of liquid per location.

Outdoor applications: For baiting in vineyards, orchards, or other crop and non-crop areas

Sweet or liquid feeding ants: Use bait stations* that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies. Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations; contact local extension or university personnel to determine appropriate bait station placement and density.

Protein feeding ants: Apply bait in bait stations* and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.



Ant pressure and intensity can vary between locations, contact local extension or university personnel to determine appropriate bait station placement and density.

Bait Preparation – Thoroughly mix TANGO™ with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF TANGO™
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2 1/2 gallons	15 fl oz (444 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml) (3.55 L)

Ant food preferences can be variable and can change during the year, in general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharaoh ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

* Bait stations sold by a third party, not part of this packaging.

STORAGE and DISPOSAL – Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool area away from children. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear: • Long-sleeved shirt and long pants • Shoes plus socks • Chemical-resistant gloves

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

Call a poison control center or doctor for treatment advice.

If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on skin • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS – Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. For information or in case of an emergency, call 1-800-248-7763.

Seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

EPA REG. No. 2724-420

EPA Est. No. 2724-TX-1

Wellmark International

1501 East Woodfield Road 200W
Schaumburg, Illinois 60173

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2724 - 420

5/7/2012

1/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

MAY 07 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Nancy Huebl
Senior Registration Specialist
Wellmark International
1501 East Woodfield Road Suite 200W
Schaumburg Illinois 60173

RE Product Name Zoecon RF 329 Ant Growth *Regulator*
EPA Reg No 2724 420
Application for Label Notification Dated March 29 2012 to update storage and disposal
statement per PR Notice 2007 4

Dear Mrs Huebl

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98 10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98 10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98 10. Our records have been duly noted and the label submitted with this application has been stamped Notification Accepted and will be placed accordingly in our records.

If you have any questions concerning this action please feel free to contact Ms Menyon Adams at (703) 347 8496 or email at adams.menyon@epa.gov

Sincerely

Linda Hollis

Linda Hollis Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)



United States
Environmental Protection Agency
Washington DC 20460

Registration
Amendment
 Other

OPP Identifier Number

Application for Pesticide Section I

1 Company/Product Number Wellmark International/2724-420	2 EPA Product Manager Linda Hollis	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Wellmark International/Zoecon RF-329 Ant Growth Regulator	PM # Biopesticides	
5 Name and Address of Applicant / Registrant (Include ZIP Code) Wellmark International 1501 East Woodfield Road Suite 200W Schaumburg Illinois 60173 <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(C)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

Notification Accepted

Section II

Date MAY 07 2012

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated <u>Reviewer M Adams</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For section I and section II)

Per PRN 2007 4 update Container Handling
This notification is consistent with the provisions of PR Notice 2007-4 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 2007 4 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section III

1 Material This Product Will be Packaged In			
Child Resistant Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packagin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
Certification must be submitted		If Yes Unit Packaging wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4 Size(s) Retail Container 1 liter 20 gallons	
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label Accompanying Product	

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Nancy Huebl	Title Senior Registration Specialist	Telephone No (Include Area Code) 847 330 5376
2 Signature <i>Nancy Huebl</i>		3 Title Senior Registration Specialist
4 Typed Name Nancy Huebl		5 Date 29-Mar 12
I certify that the statements I have made on this form and all attachments thereto are true accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.		6 Date Application Received (Stamped)

3/9

Wellmark International
1501 East Woodfield Road Suite 200 West
Schaumburg Ill 60173
847 330 5300
www.wellmarkinternational.com



March 29 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs 7504P
U S Environmental Protection Agency
Room S 4900 One Potomac Yard
2777 South Crystal Drive
Arlington Virginia 22202 4501

ATTENTION Linda Hollis/BPPD Branch Chief

SUBJECT NOTIFICATION PER PRN 2007 4/CONTAINER DISPOSAL
FOR ZOECON® RF 329 ANT GROWTH REGULATOR/EPA REG NO 2724 420

Dear Ms Hollis

Enclosed is a completed EPA Form 8570 1 and 1 copy of revised highlighted labeling to serve as notification per PRN 2007 4 The added text represents exact wording from the regulations/PR Notice This action is not a PRIA action and does not require any fee

If you have any questions please call me directly at 847/330 5376 or email me Thank you for your assistance in this matter

Yours sincerely
WELLMARK INTERNATIONAL

A handwritten signature in cursive script that reads "Nancy Huebl".

Nancy Huebl
Sr Registration Specialist
nhuebl@central.com

enclosure

4/9

[optional text]

ZOECON® RF-329 ANT GROWTH REGULATOR

FOR CONTROL OF [PROTEIN and SUGAR FEEDING [PHARAOH] [AND][ARGENTINE] ANTS

Sterilizes egg laying queens and prevents larval development
For use in refillable bait stations
Use around table and wine grape vines [almond][pistachio][walnut][nut crops] avocado citrus and bearing and non bearing fruit trees
A liquid concentrate for control of [Pharaoh] and [Argentine] ants in agricultural crops and structures

ACTIVE INGREDIENT

(S) Methoprene (CAS #65733 16 6)

4.9%

OTHER INGREDIENTS

95.1%

Total

100.0%

This product contains 0.4 pounds/gallon (48 grams/liter) S methoprene active ingredient

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautions

EPA Reg No 2724 420
EPA Est No

Net Contents

Notification Accepted

Date MAY 07 2012

Reviewer Madams

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation Harmful if absorbed through skin Avoid contact with eyes skin or clothing Wash thoroughly with soap and water after handling Remove and wash contaminated clothing before reuse

Personal Protective Equipment (PPE)

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves

Follow manufacturer s instructions for cleaning and maintaining PPE If no such instructions for washables use detergent and hot water Keep and wash PPE separately from other laundry

User Safety Recommendations

Users should

Wash hands before eating drinking chewing gum using tobacco or using the toilet Remove clothing immediately if pesticide gets inside Then wash thoroughly and put on clean clothing Remove PPE immediately after handling this product Wash the outside of gloves before removing As soon as possible wash thoroughly and change into clean clothing

FIRST AID	
Call a poison control center or doctor for treatment advice	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 20 minutes • Remove contact lenses if present after the first 5 minutes then continue rinsing eye
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 20 minutes
Have the product container or label with you when calling a poison control center or doctor or going for treatment You may also contact 1 800 [phone number] for emergency medical treatment information	

[Note First Aid statement paragraph format may be used if space is limited]

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark Do not contaminate water when disposing of equipment washwaters or rinsate

DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

Only protected handlers may be in the area during application For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical resistant gloves (made of any waterproof material)
- Shoes plus socks

GENERAL INFORMATION

Zoecon RF 329 Ant Growth Regulator is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. Zoecon RF 329 Ant Growth Regulator contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony; the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGRs work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced, resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

APPLICATION SITES

Outdoor Use

Use Zoecon RF 329 Ant Growth Regulator in but not limited to the following areas

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings homes sheds kennels barns poultry houses swine operations dairies and other areas where ants are a problem

Indoor Use

Use Zoecon RF 329 Ant Growth Regulator to treat indoor ant infestations in these and other areas where ants are a problem

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns poultry houses dairies swine operations
- Warehouses food preparation and processing facilities

TREATMENT PROCEDURE AND BAITING INTENSITY

Indoor and outdoor perimeter applications

The number of bait placements per area will vary with the intensity of infestation For indoor and outdoor perimeter uses against Phaorah ants and small colonies of Argentine ants the average baiting intensity is one bait placement per 3 m² (27 sq ft) Ensure that all infested areas are thoroughly baited The amount of bait to use will vary with species and whether a liquid or solid bait is presented For solid baits use 1 – 2 grams of bait per location or 1 2 fluid ounces of liquid per location

Outdoor applications

For baiting in vineyards orchards or other crop and non crop areas

Sweet or liquid feeding ants

Use bait stations* that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations Following bait placement monitor the bait stations and ant populations and replenish bait mixture as needed

Ant pressure and intensity can vary between locations contact local extension or university personnel to determine appropriate bait station placement and density

Protein feeding ants

Apply bait in bait stations and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations. Contact local extension or university personnel to determine appropriate bait station placement and density.

Bait Preparation

Thoroughly mix Zoecon RF 329 Ant Growth Regulator with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF ZOECON RF 329 ANT GROWTH REGULATOR
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2½ gallons	16 fl oz (473 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml) (3.55 L)

Ant food preferences can be variable and can change during the year. In general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharaoh ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

*Bait stations sold by a third party, not part of this packaging.

STORAGE and DISPOSAL Do not contaminate water, food, or feed by storage or disposal.
Storage Store in a cool area away from children.
Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows (or equivalent). Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information or in case of an emergency call [phone number]
Seller makes no warranty expressed or implied concerning the use of this product other than as indicated on the label Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions

Wellmark International
1501 East Woodfield Road 200W
Schaumburg IL 60173
Made in USA
ZOECON® is a registered trademark of Wellmark International

2724-420

4/18/2007

Page 1 of 5

APR 18 2007

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1306

Nancy Huebl
 Wellmark International
 1501 East Woodfield Rd., Suite 200W
 Schaumburg, IL 60173

RE: Wellmark International/ Zoecon RF-329 Ant Growth Regulator
EPA Reg. No. 2724-420
Notification to add alternate brand name: Tango
Application dated: 3 April 2007

Dear Ms. Huebl:

BPPD is in receipt of your application for Notification under 98-10 dated 3 April 2007 for the product Zoecon RF-329 Ant Growth Regulator (EPA Reg. No. 2724-420). BPPD has conducted a preliminary screen of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received, but not reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Mari Duggard at 703-308-0028 or email at duggard.mari@epa.gov.

Sincerely,

Linda A. Hollis

Linda A. Hollis, Chief
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division
 (7511P)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Wellmark International/2724-420	2. EPA Product Manager Roger Gardner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Wellmark International/Zoecon RF-329 Ant Growth Regulator	PM # Biopesticides	
5. Name and Address of Applicant / Registrant (Include ZIP Code) Wellmark International 1501 East Woodfield Road, Suite 200W Schaumburg, Illinois 60173	6. Expedited Review. In accordance with FIFRA Section 3(C)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No _____ Product Name _____	

Check if this is a new address

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated October 25, 2006
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and section II.)

Notification of alternate brand name: Tango

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will be Packaged In:			2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Unit Packaging wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container	4. Size(s) Retail Container 1 liter-20 gallons	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label Accompanying Product		
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Nancy Huebl	Title Sr. Registration Specialist	Telephone No. (Include Area Code) 847-330-5376
---------------------	--------------------------------------	---

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received

(Stamped)

2. Signature <i>Nancy Huebl</i>	3. Title Sr. Registration Specialist
4. Typed Name Nancy Huebl	5. Date 03-Apr-07

91
Wellmark International
1501 East Woodale Road, Suite 200 West
Schaumburg, Illinois 60193
847 330 5300
www.wellmarkinternational.com

3 8 5

Wellmark

April 3, 2007

Document Processing Desk (NOTIF/FPL)
Office of Pesticide Programs 7504P
U.S. Environmental Protection Agency
Room S-4900 One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

ATTENTION: Mari Duggard, BPPD

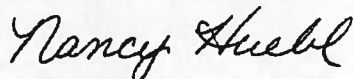
SUBJECT: PER PRN 98-10 NOTIFICATION OF ALTERNATE BRAND NAME AND
SUBMISSION OF FINAL PRINTED LABELING PER EPA LETTER DATED 10/25/06
FOR ZOËCON® RF-329 ANT GROWTH REGULATOR/EPA REG. NO. 2724-420

Dear Ms. Duggard:

Enclosed is a completed EPA Form 8570-1 and 5 copies of final printed labeling for the above product per the October 25, 2006 EPA label approval letter. This submission will also serve as notification of the alternate brand name: Tango™.

If you have any questions or if I can provide any further assistance, please, call me directly at 847/330-5376. Thank you for your assistance in this matter.

Yours sincerely,
WEILMARK INTERNATIONAL



Nancy Huebl
Sr. Registration Specialist
nhuebl@central.com

enclosure

cc: C. Elmi/J. Flegeau



**AN ANT GROWTH REGULATOR FOR CONTROL OF
PROTEIN AND SUGAR FEEDING ANTS INCLUDING
ARGENTINE AND PHARAOH ANTS**

A liquid concentrate for use in refillable bait stations that controls ants in agricultural crops and structures by sterilizing egg-laying queens and preventing larval development

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautions

NET CONTENTS: 2.5 GAL

ACTIVE INGREDIENT:	
(S)-Methoprene (CAS #65733-16-6)	4.9%
OTHER INGREDIENTS:	95.1%
Total	100.0%

This product contains 0.4 pounds/gallon (48 grams/liter) (S)-methoprene active ingredient.

XXXXX



PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION
Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants • Shoes plus socks • Chemical-resistant gloves

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

Call a poison control center or doctor for treatment advice.

If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on skin • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

ENVIRONMENTAL HAZARD - Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE - It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS - Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: • Coveralls • Chemical resistant gloves (made of any waterproof material) • Shoes plus socks

GENERAL INFORMATION - TANGO™ is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. TANGO contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony, the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGR's work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced, resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

XXXXX

Wellmark International
Schaumburg, IL 60173



APPLICATION SITES:

Outdoor Use - Use TANGO in, but not limited to, the following areas:

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non-bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings, homes, sheds, kennels, barns, poultry houses, swine operations, dairies, and other areas where ants are a problem.

Indoor Use - Use TANGO to treat indoor ant infestations in these and other areas where ants are a problem.

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns, poultry houses, dairies, swine operations
- Warehouses, food preparation and processing facilities

TREATMENT PROCEDURE AND BAITING INTENSITY

Indoor and outdoor perimeter applications: The number of bait placements per area will vary with the intensity of infestation. For indoor and outdoor perimeter uses against Pharaoh ants and small colonies of Argentine ants, the average baiting intensity is one bait placement per 3m² (27 sq ft). Ensure that all infested areas are thoroughly baited. The amount of bait to use will vary with species and whether a liquid or solid bait is presented. For solid baits, use 1 - 2 grams of bait per location or 1-2 fluid ounces of liquid per location.

Outdoor applications: For baiting in vineyards, orchards, or other crop and non-crop areas
Sweet or liquid feeding ants: Use bait stations that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies. Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations; contact local extension or university personnel to determine appropriate bait station placement and density.

Protein feeding ants: Apply bait in bait stations and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations, contact local extension or university personnel to determine appropriate bait station placement and density.

Bait Preparation - Thoroughly mix TANGO with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF TANGO
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2 1/2 gallons	16 fl oz (473 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml) (3.55 L)

Ant food preferences can be variable and can change during the year, in general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharaoh ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

STORAGE and DISPOSAL - Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool area away from children. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information or in case of an emergency, call 1-800-248-7763.

Seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

EPA REG. No. 2724-420
EPA Est. No. 2724-TX-1

Made in USA

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HP JetDirect Configuration Page (English - PCL)

----- HP JetDirect Configuration -----
Status: I/O Card Ready
Model Number: J7959A
Hardware Address: 001185C787C9
Firmware Version: V.28.72.VL
Network Connection Type: Wired
Data Rate Detected: 100 Mb/s
Link Config: 100TX-Full
Manufacturing ID: 25014437F02501-W
Date Manufactured: 09/2004

----- 802.11 Wireless -----
Status: Disabled
Communication Mode: Ad Hoc
Network Name (SSID): hpsetup
Signal Strength: Not Applicable
Access Point / BSSID: Not Applicable
Channel: Not Applicable
Authentication Type: Open System
Encryption Type: None

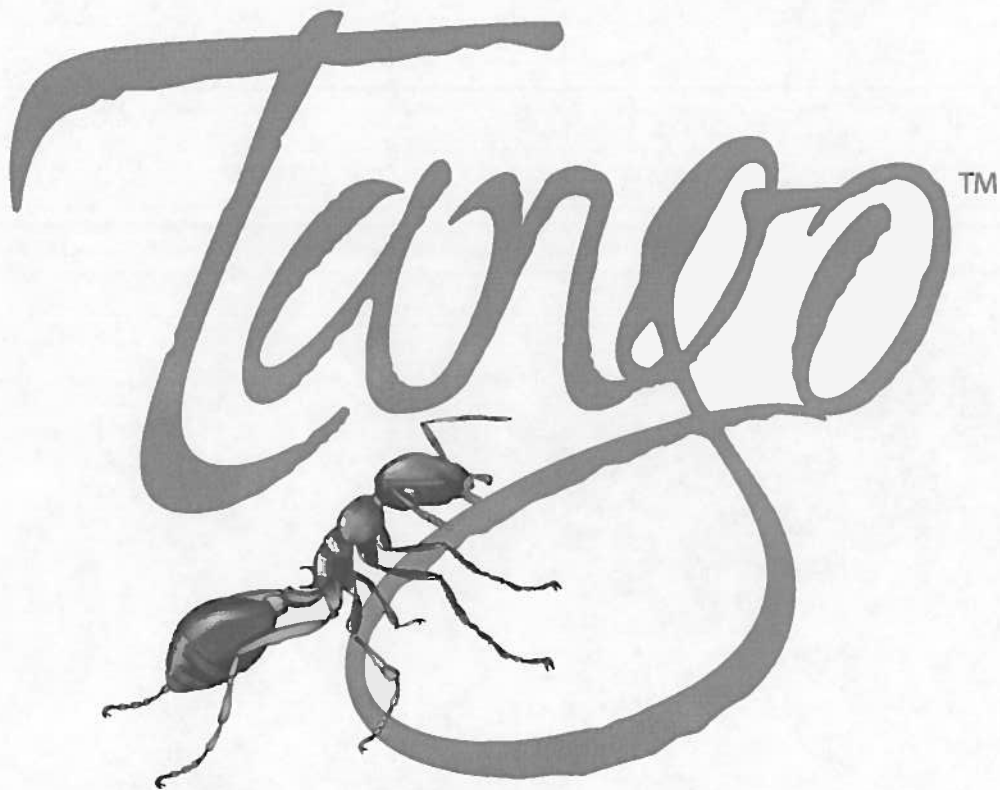
----- Security Settings -----
Admin Password: Not Specified
Secure Web: HTTPS Optional
Cert Expires: 2009-09-01 00:00 UTC
SNMP Versions: 1;2
SNMP Set Cmty Name: Not Specified
Access List: Not Specified

----- Network Statistics -----
Total Packets Received: 71095
Unicast Packets Received: 42401
Bad Packets Received: 3
Total Packets Transmitted: 8626

----- TCP/IP -----
Status: Ready

Host Name: NPIC787C9
IP Address: 192.168.1.4
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.1.1
Config By: DHCP
DHCP Server: 192.168.1.1
TFTP Server: Not Specified
Config File: Not Specified
Domain Name: Not Specified
Primary DNS Server: 192.168.1.1
Secondary DNS Server: Not Specified
WINS Server: Not Specified
Idle Timeout: 270 sec
Web JetAdmin URL: Not Specified

mDNS Service Name:
hp LaserJet 1320 series [C787C9]



AN ANT GROWTH REGULATOR FOR CONTROL OF PROTEIN AND SUGAR FEEDING ANTS

A liquid concentrate for use in refillable bait stations* that controls ants in agricultural crops and structures by sterilizing egg-laying queens and preventing larval development

* Bait stations sold by a third party, not part of this packaging

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautions

NET CONTENTS: 2.5 GAL (320 FL OZ) 9.46 L

ACTIVE INGREDIENT:

(S)-Methoprene (CAS #65733-16-6)..... 4.9%

OTHER INGREDIENTS:..... 95.1%

Total 100.0%

This product contains 0.4 pounds/gallon (48 grams/liter) (S)-Methoprene active ingredient

300512820



**OFFICE OF THE GOVERNOR
HAGÁTÑA, GUAM 96910
U.S.A.**

EXECUTIVE ORDER NO. 2013-006

**RELATIVE TO DECLARING A STATE OF EMERGENCY TO ASSIST THE
DEPARTMENT OF AGRICULTURE IN CONTROLLING THE RECENTLY
INTRODUCED LITTLE FIRE ANT, WHICH POSES SERIOUS HEALTH,
ENVIRONMENTAL AND ECONOMIC THREATS TO THE PEOPLE OF
GUAM**

WHEREAS, the Organic Act of Guam provides that *Maga'Lahen Guahan*, Governor of Guam, is tasked with the responsibility of overseeing the health and safety of the people of Guam; and

WHEREAS, invasive alien species comprise a grave threat to the environment, public health, safety, welfare, and the economy, and such introduced pests are best controlled when experts take management measures quickly after their introduction is discovered; and

WHEREAS, the little fire ant insect, *Wasmannia auropunctata*, was first noticed in Yigo, Guam, in November 2011. This pest poses a major and immediate threat to agriculture, the environment, and to the public health, safety, and welfare; and

WHEREAS, agriculture inspectors have found the little fire ant distributed in about 12 areas, totaling about 10 hectares. A survey of these areas was conducted by the Department of Agriculture and its cooperators at the University of Guam, and meetings have been conducted with stakeholders in an effort to prevent the movement of bananas and other plants that may host the ant, as well as green waste materials and other items that may contain it; and

WHEREAS, the Department of Agriculture, in cooperation with the University of Guam,



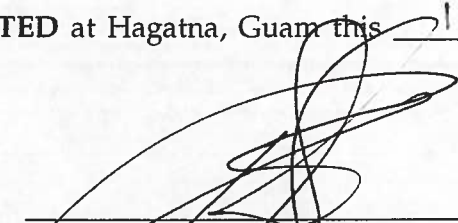
And other local agencies, regional organizations and partners has developed a response plan to control the further spread of the little fire ant on Guam and to attempt the eradication of this pest from the various areas it now infests;

NOW, THEREFORE, I, RAYMOND S. TENORIO, I Segundo Maga'Lahen Guahan, Acting Governor of Guam, by virtue of the authority vested in me by the Organic Act of Guam, as amended, do ORDER:

1. **Declaration of State of Emergency.** A state of emergency is hereby declared for the island of Guam in order to assist the Guam Department of Agriculture and any cooperating agencies to control the spread of the little fire ant, *Wasmannia auropunctata*, to attempt the eradication of this pest from the areas of the island where it has been found, and to prevent threats to the environment and the economy of Guam.
2. **Emergency Procurement and Emergency Expenses.** Pursuant to 5 G.C.A. §5215, authorizing emergency procurement upon executive order, the Department of Agriculture may use emergency procurement guidelines for projects to manage the little fire ant. Such expenses may include, but are not limited to, the purchase of pesticides, enforcement of quarantine provisions, and other activities designed to halt the spread of the ant or effect its eradication. The Bureau of Budget and Management Research and the Department of Administration are ordered to immediately make available funds in the Plant Inspection and Permit Fund for use by the Department of Agriculture's Biosecurity Division for these purposes.
3. **Documentation of expenses.** The Department of Agriculture is hereby instructed to keep appropriate documentation on all emergency procurement expenses for inspection by the Executive and Legislative Branches and by the Public Auditor of Guam.
4. **Purpose of emergency procurement.** Emergency procurement may be used for procurement of any goods and services relative to the control and eradication of the little fire ant on Guam; and continuing for Thirty (30) days after the date of this Executive Order as provided for in § 5215, Chapter 5, of Title 5, Guam Code Annotated.



SIGNED AND PROMULGATED at Hagatna, Guam this 12th day of June, 2013.



RAYMOND S. TENORIO
I Segundo Maga'Lahen Guahan
Acting Governor of Guam

