

K22-055

EXHIBIT A-14

This Exhibit A-14 accompanies and is part of the Research Services Agreement (collectively the "Agreement"), effective **January 1, 2017**, by and between BASF Corporation and **City of New Orleans** (through the Mosquito, Termite and Rodent Control Board) ("Consultant").

SCOPE OF WORK

Consultant shall perform the following services hereunder:

Field Efficacy Trial For Trelona Above Ground Stations (0.5%) Applied to Trees Infested With Formosan Subterranean Termites (*Coptotermes formosanus*) in Louisiana

1. **Study Objective:** Determine efficacy of Trelona AGS (0.5%) applied to trees infested with Formosan termites (*Coptotermes formosanus*).
2. **Cooperator(s) / Affiliation(s):** Dr. Carrie Cottone. NOMTRCB
3. **Study Location(s):** Field Site: Greater New Orleans area.
4. **Replications:** A minimum of 6 standing, live trees with active Formosan termite (*Coptotermes formosanus*) carton nests will be used for treatment and untreated control evaluations.
5. **Test Subject: (Biological Species / Material(s) / Process(es))**
 - 5.1 **Biological Species:** The test will involve trees naturally infested by the Formosan subterranean termite (*Coptotermes formosanus*).
 - 5.2 **Material(s):** Treatments include:
 1. Trelona Above Ground Stations placed at active areas on trees (3 trees).
 2. UTC (stations with matrix and no AI applied to active areas of trees) (3 trees).
 - 5.3 **Process(es):** Please select standing live trees for treatment and evaluation according to the **Methods** and **Observations** sections below.
6. **Methods:**
 - 6.1 Inspect and identify trees with active Formosan subterranean termite infestations and accessible above-ground activity. Alternatively, one or more holes, approx. one eighth (1/8) inch in diameter, may be drilled into the tree to a depth that provides access to an interior carton or gallery system.
 - 6.2 It is recommended, to collect a termite sample from each tree during inspections and preserve in alcohol (90%) for future DNA analysis, if needed.
 - 6.3 Follow the directions for installation on the Trelona AGS candidate label to properly install the above-ground stations in areas of known termite activity on trees. Use as many stations as needed depending on above ground termite activity.
7. **Observations:**
 - Termite entry, acceptance, and consumption of the bait matrix inside the AGS.
 - 0= No visible termite feeding/ bait & substrate removal
 - 1= Termite feeding/ bait & substrate removal between 1 to 10%
 - 2= Termite feeding/ bait & substrate removal between 11 to 20%

- 3= Termite feeding/ bait & substrate removal between 21 to 30%
- 4= Termite feeding/ bait & substrate removal between 31 to 40%
- 5= Termite feeding/ bait & substrate removal between 41 to 50%
- 6= Termite feeding/ bait & substrate removal between 51 to 60%
- 7= Termite feeding/ bait & substrate removal between 61 to 70%
- 8= Termite feeding/ bait & substrate removal between 71 to 80%
- 9= Termite feeding/ bait & substrate removal between 81 to 90%
- 10= Termite feeding/ bait & substrate removal between 91 to 100%

Inspection frequency

- Inspections are to be scheduled within 14 days of install and then (120 d +/- 15 d) intervals after the date of installation for 1-year post installation.
- During inspections, use the data report form (provided) to record all information
- During AGS inspections, also inspect the exterior of the tree for new signs of termite activity.

8. Additional instructions:

- 8.1 Photos showing examples of experimental setup, results, etc. should be taken for use in presentations.
- 8.2 Videos should also be taken, especially when product effects are evident.
- 8.3 Record notes and observations regarding product performance. Record information on the condition and consumption of the cardboard. Use included inspection and graph forms.
- 8.4 Record relevant information such as size of mud tube(s), number of mud tubes, location in the tree. Use included inspection and graph forms.
- 8.5 A final report, including any protocol amendments will be forwarded to the Dr. Bob Davis, Technical Services Representative.
- 8.6 At the completion of the study, all study related materials and components will be returned to Bob Davis

COMPENSATION

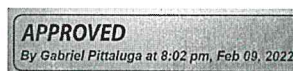
BASF shall compensate Consultant for services performed as follows:

Total cost not to exceed: Seven thousand dollars (US \$7,000)

Funds will support operating costs, materials, evaluations and final report with pictures, video and statistical evaluations.

Net sixty (60) days upon receipt of corrected invoice.

Consultant: City of New Orleans	BASF Corporation
Signed By: 	Signed By:  Ron Kehler (Feb 9, 2022 19:40 EST)
Printed Name L. Cantrell	Printed Name: Ron Kehler
Title: Mayor	Title: Vice President, P&SS. BASF



Feb 9, 2022

BASF ID: 88652607
FORM AND LEGALITY APPROVED:


Law Department, City of New Orleans