



ProTerra 2023

ProTerra Program Results

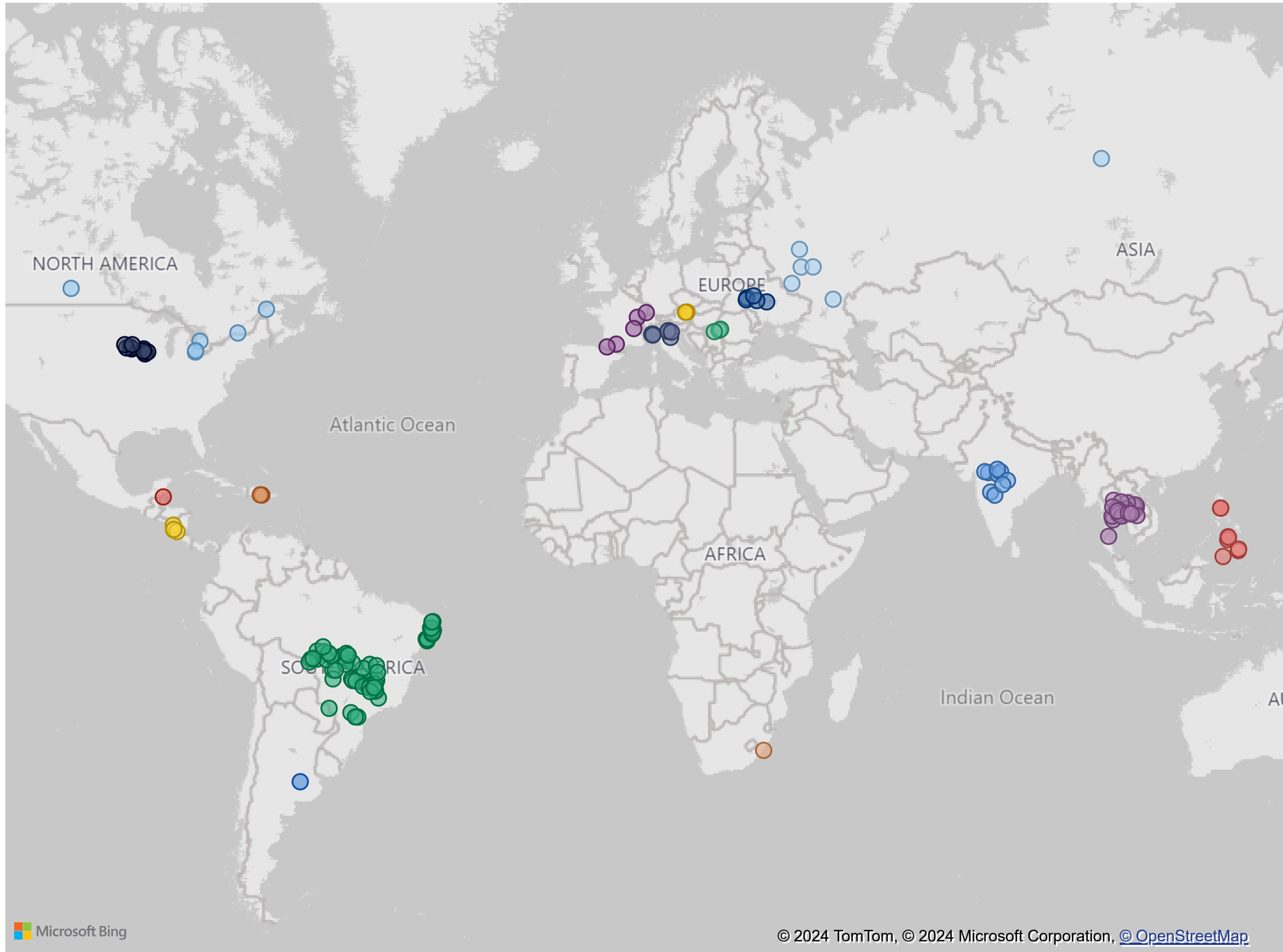


PROTERRA - SOCIAL RESPONSIBILITY AND ENVIRONMENTAL SUSTAINABILITY

- The ProTerra Certification Standard was created in 2005 based on the Basel Criteria to promote social responsibility and environmental sustainability of agricultural commodities and its application is widespread in the soy business.
- FoodChain ID has been certifying large volumes of soy, soy byproducts and sugar under the ProTerra Standard for the European and domestic market since 2006.
- The ProTerra Standard belongs to the ProTerra Foundation established in the Netherlands.
- The ProTerra Standard has a cutoff date for no deforestation after 2008. All suppliers included in the certification program must abide by this requirement.

PRODUCTION AREA - WORLDWIDE

The ProTerra audits cover **770** farms in around **18** countries.



Countries	Farms
Argentina	3
Australia	14
Austria	2
Belize	1
Brazil	118
Canada	6
Dominican Republic	5
France	12
India	481
Italy	12
Nicaragua	8
Philippines	16
Romania	3
Russia	6
South Africa	2
Thailand	55
Ukraine	6
USA	20
Total	770

Microsoft Bing

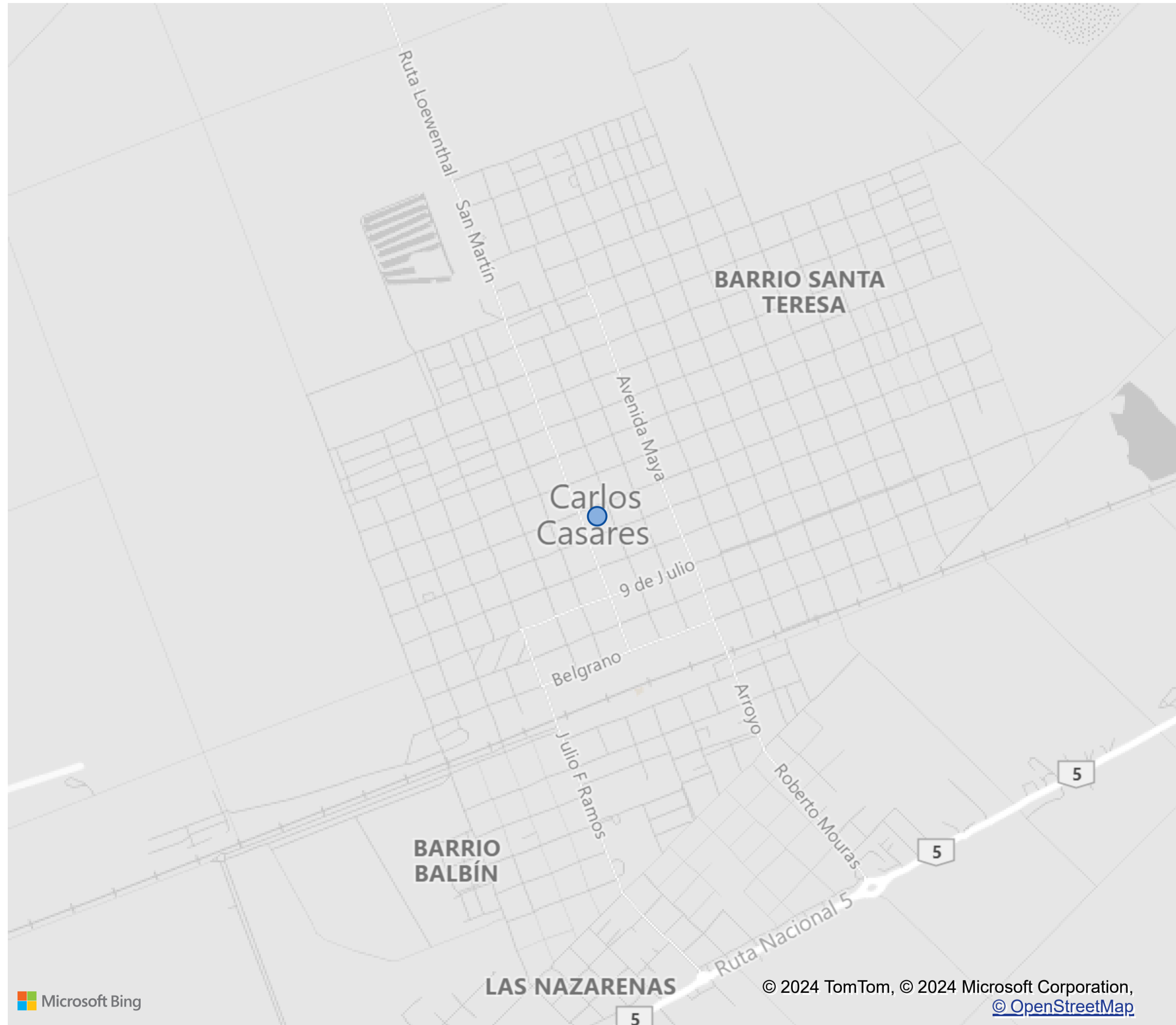
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COVERED AREA - ARGENTINA

The ProTerra audits cover **3** Farms in **ARGENTINA**

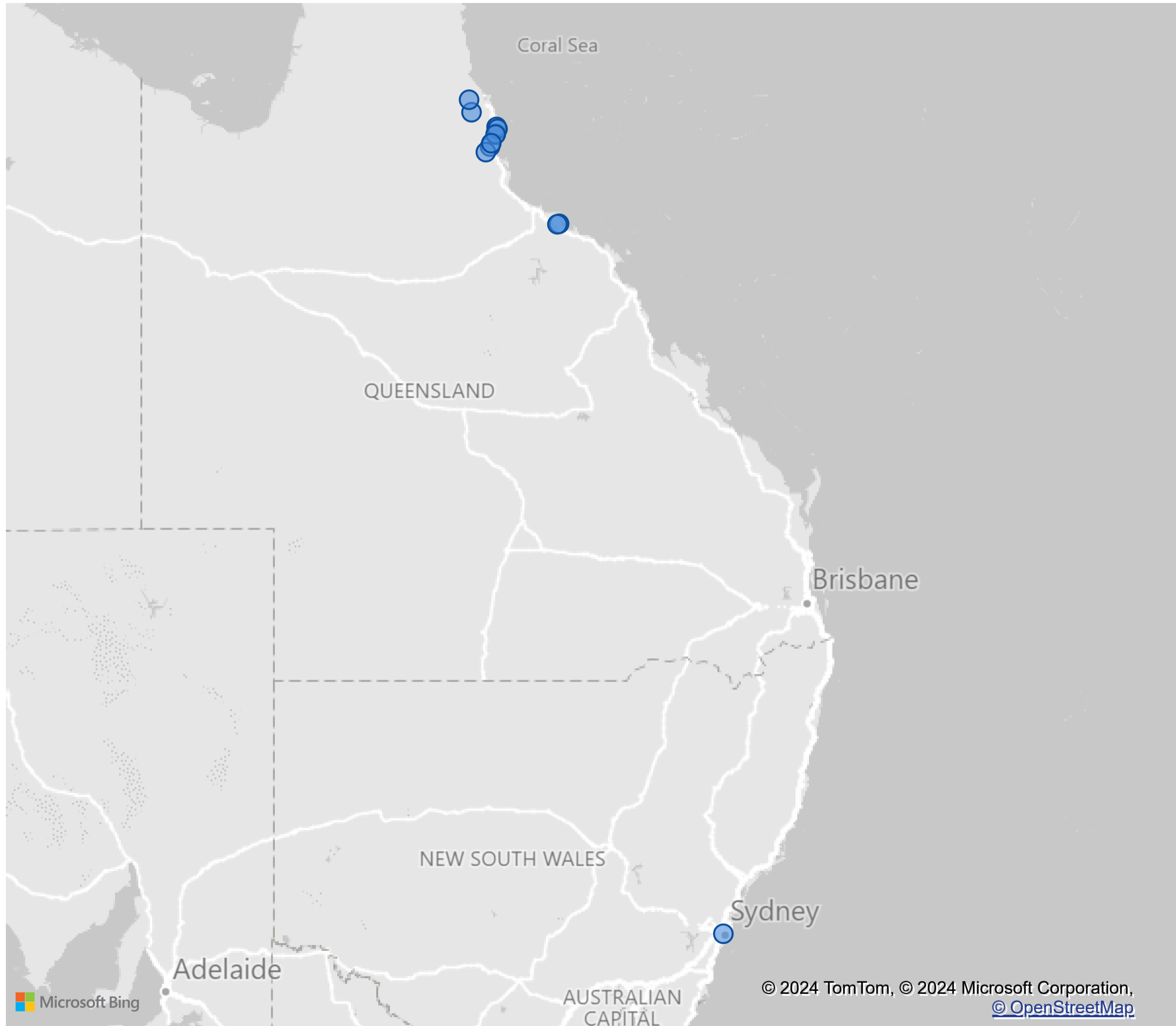
Country	City	Farms
Argentina	Carlos Casares	3
Total		3



COVERED AREA - AUSTRALIA

The ProTerra audits cover **14** Farms in **AUSTRALIA**

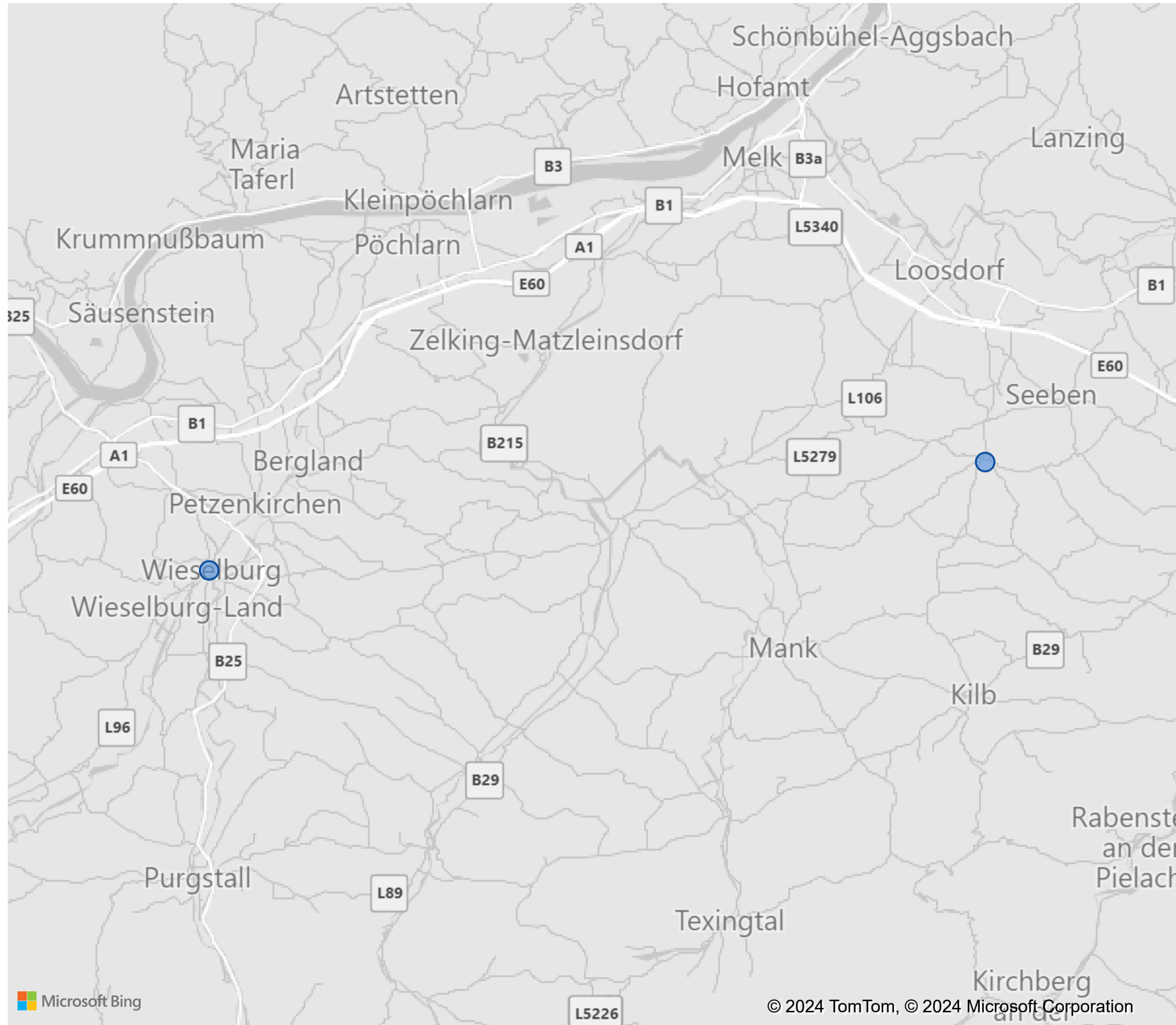
Country	City	Farms
Australia	Antherton	1
Australia	Carstairs	1
Australia	Euramo	1
Australia	Goolboo	1
Australia	Home Hill	2
Australia	Leichhardt	1
Australia	Mareeba	2
Australia	Mourilyan	1
Australia	Murry Upper	1
Australia	New Harbourline	1
Australia	Silkwood	1
Australia	Tully	1
Total		14



COVERED AREA - AUSTRIA

The ProTerra audits cover 2 Farms in **AUSTRIA**

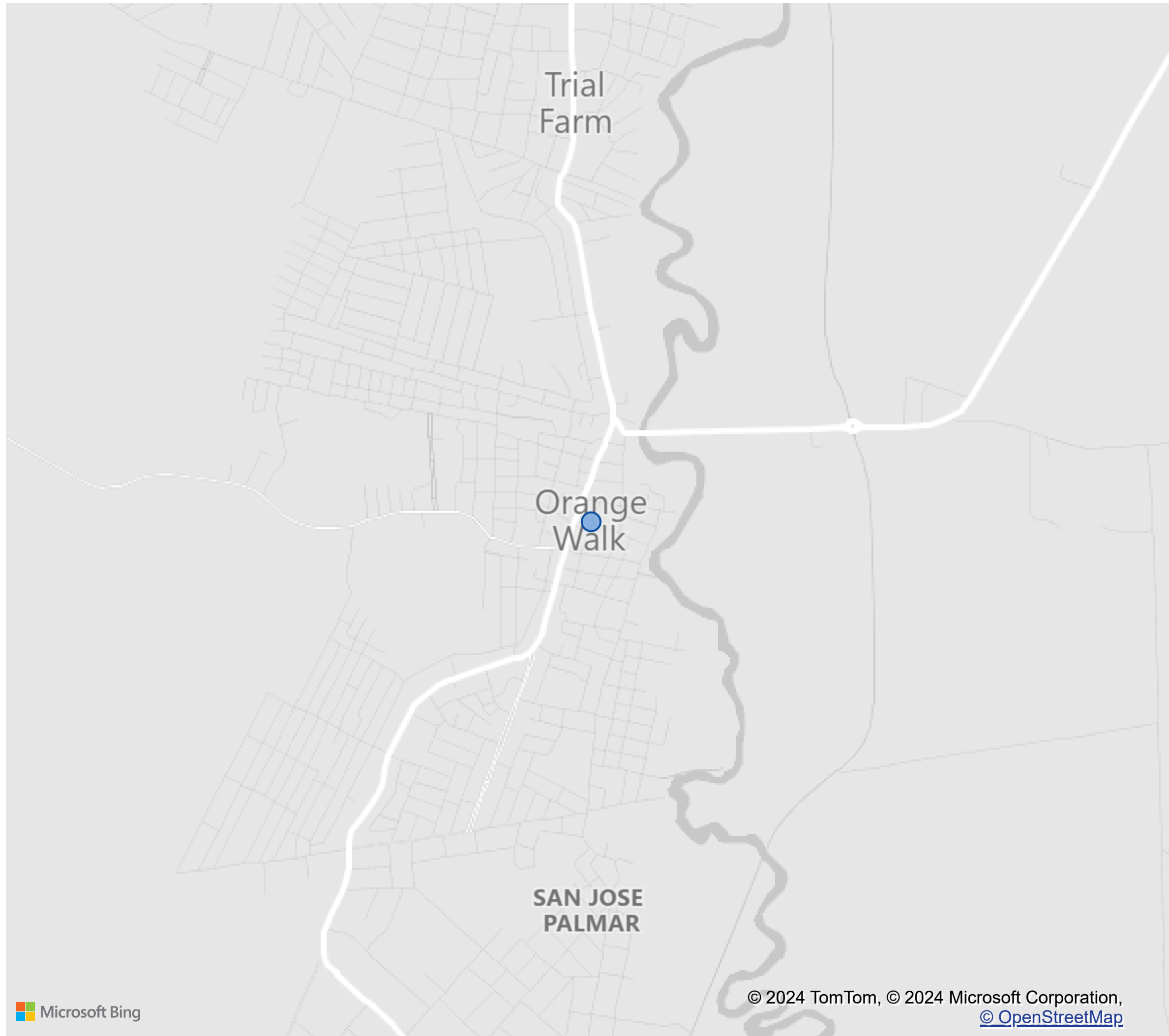
Country	City	Farms
Austria	Hurm	1
Austria	Wieselburg	1
Total		2



COVERED AREA - BELIZE

The ProTerra audits cover 1 Farms in **BELIZE**

Country	City	Farms
Belize	Orange Walk District	1
Total		1



Microsoft Bing

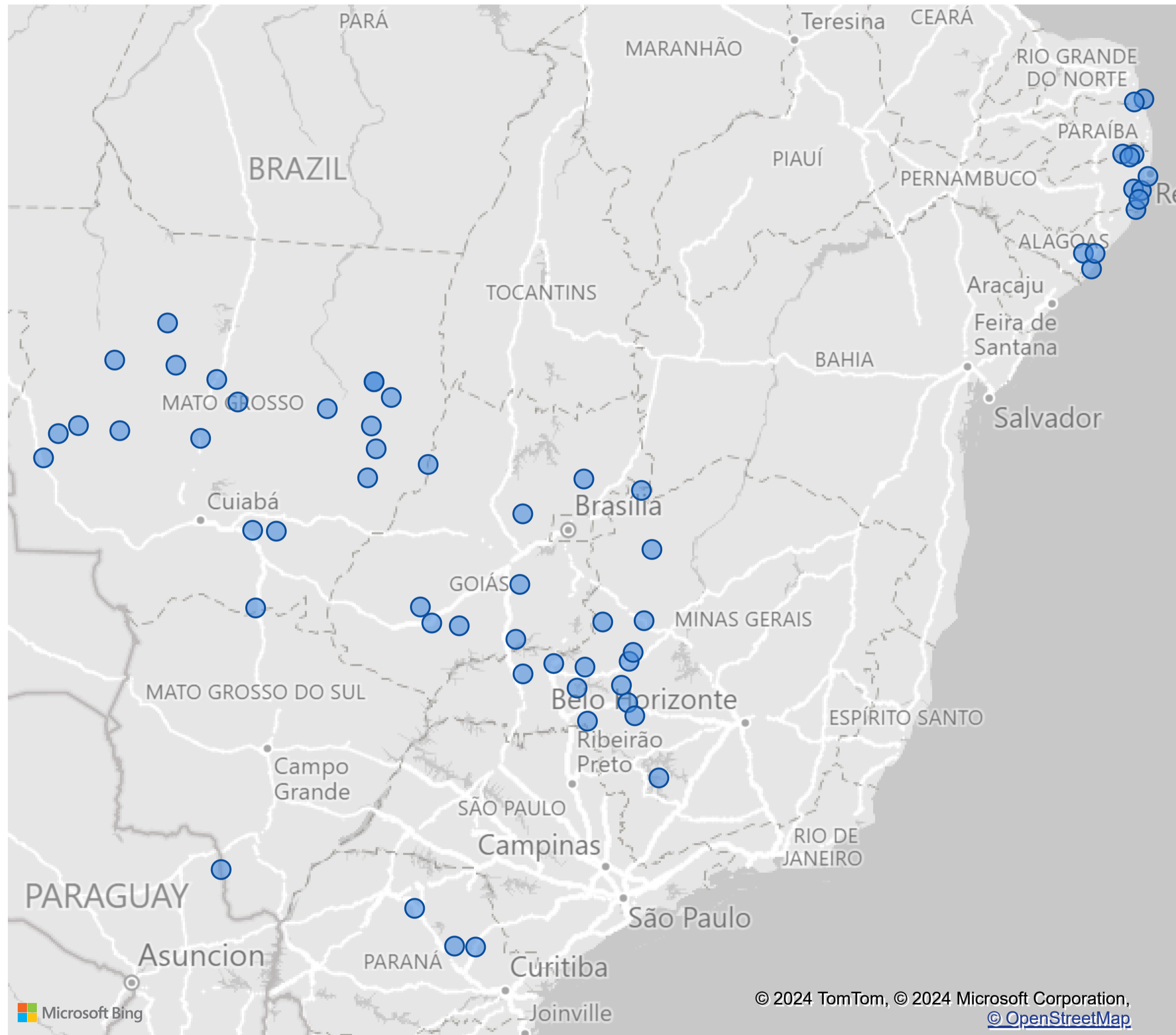
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COVERED AREA - BRAZIL

The ProTerra audits cover **118** Farms in **BRAZIL**

Country	State	Farms
Brazil	Alagoas	4
Brazil	Goiás	19
Brazil	Mato Grosso	39
Brazil	Mato Grosso do Sul	1
Brazil	Minas Gerais	36
Brazil	Paraná	4
Brazil	Pernambuco	12
Brazil	Rio Grande do Norte	3
Total		118

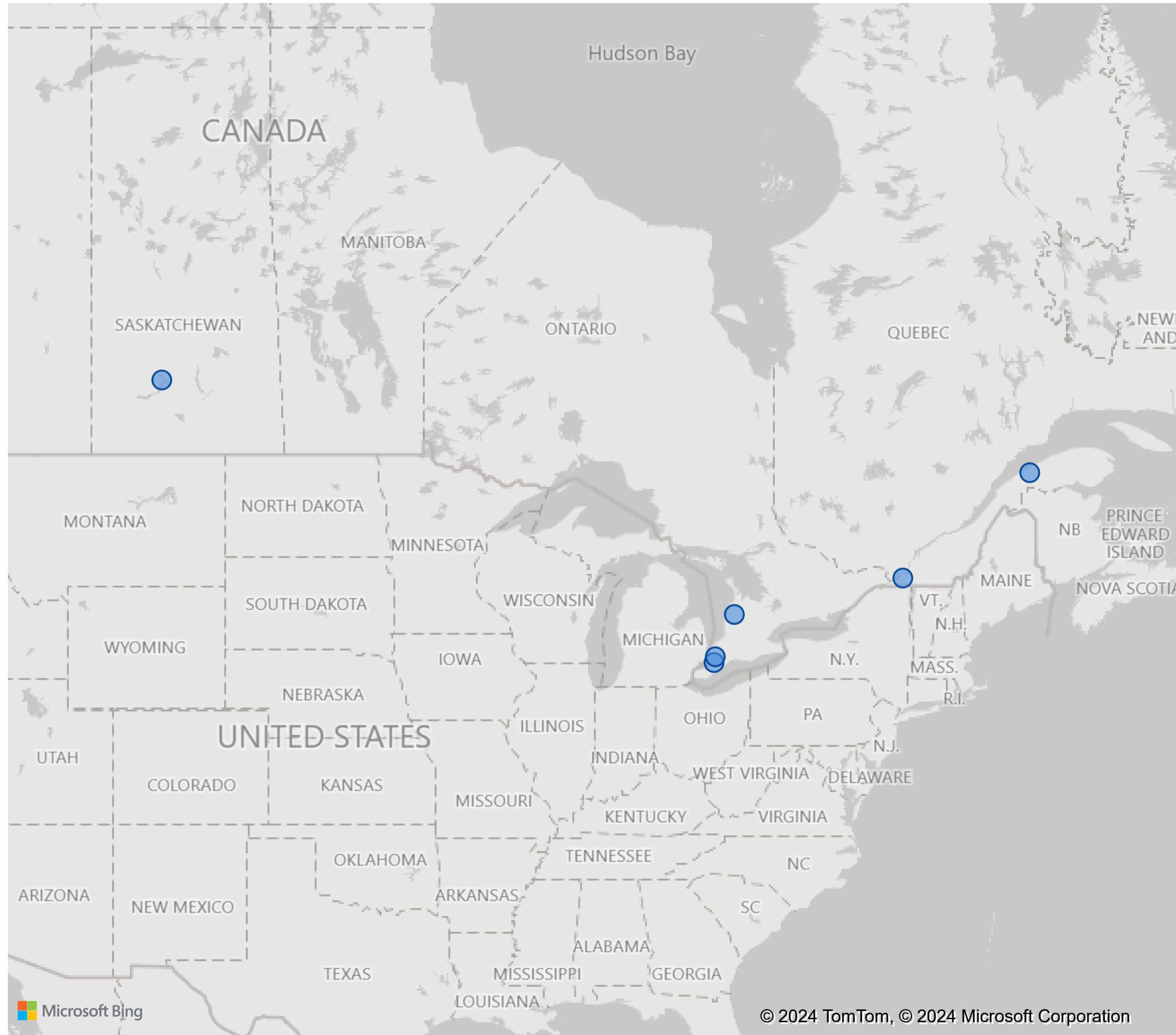


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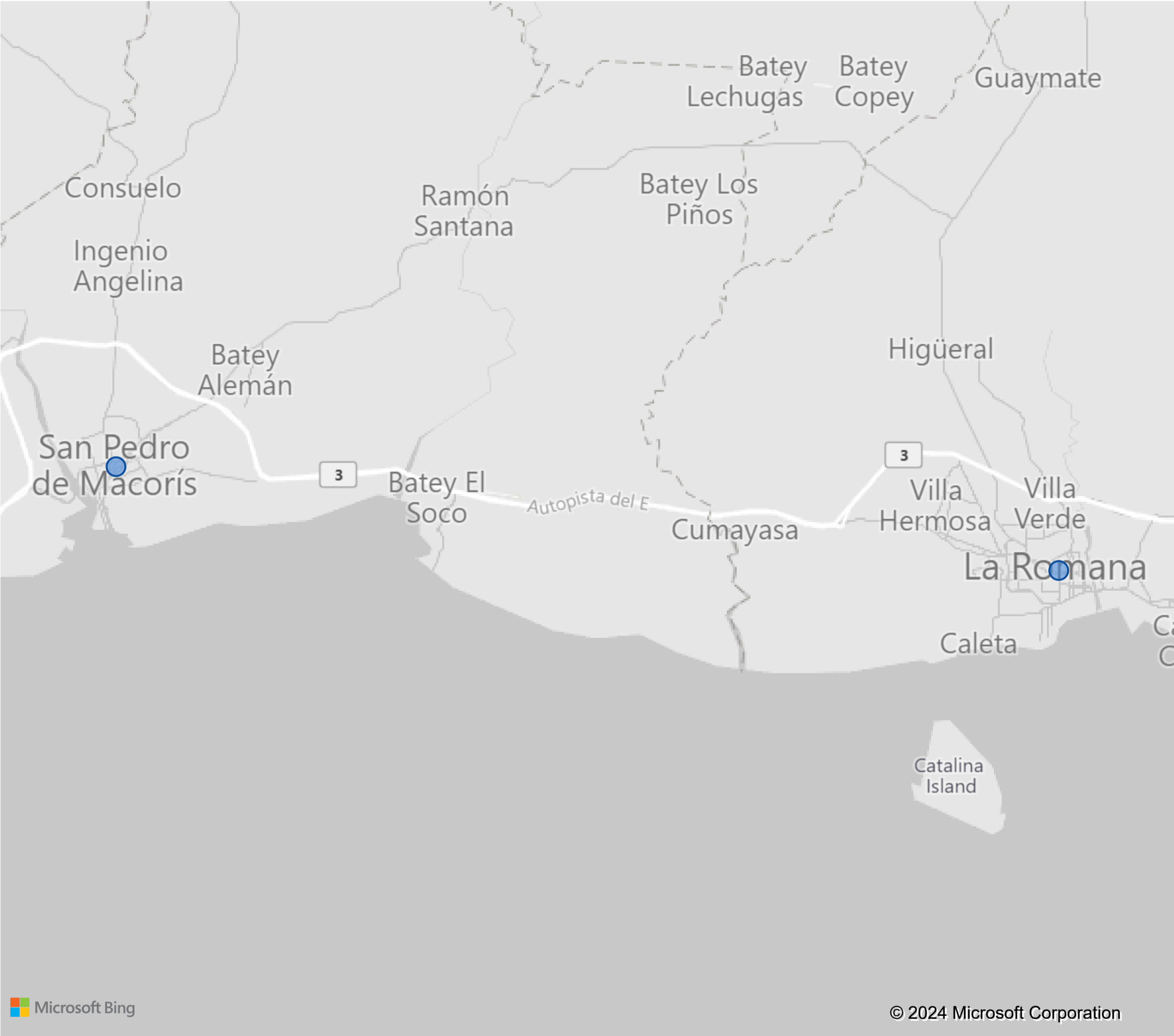
COVERED AREA - CANADA

The ProTerra audits cover 6 Farms in CANADA

Country	State	Farms
Canada	Canada, Chepstow	1
Canada	Canada, Dresden	1
Canada	Canada, Dunblane	1
Canada	Canada, Mercier	1
Canada	Canada, Oil Springs	1
Canada	Canada, Ste-Angele-Monnoir	1
Total		6



COVERED AREA - DOMINICAN REPUBLIC



The ProTerra audits cover **5** Farms in **DOMINICAN REPUBLIC**

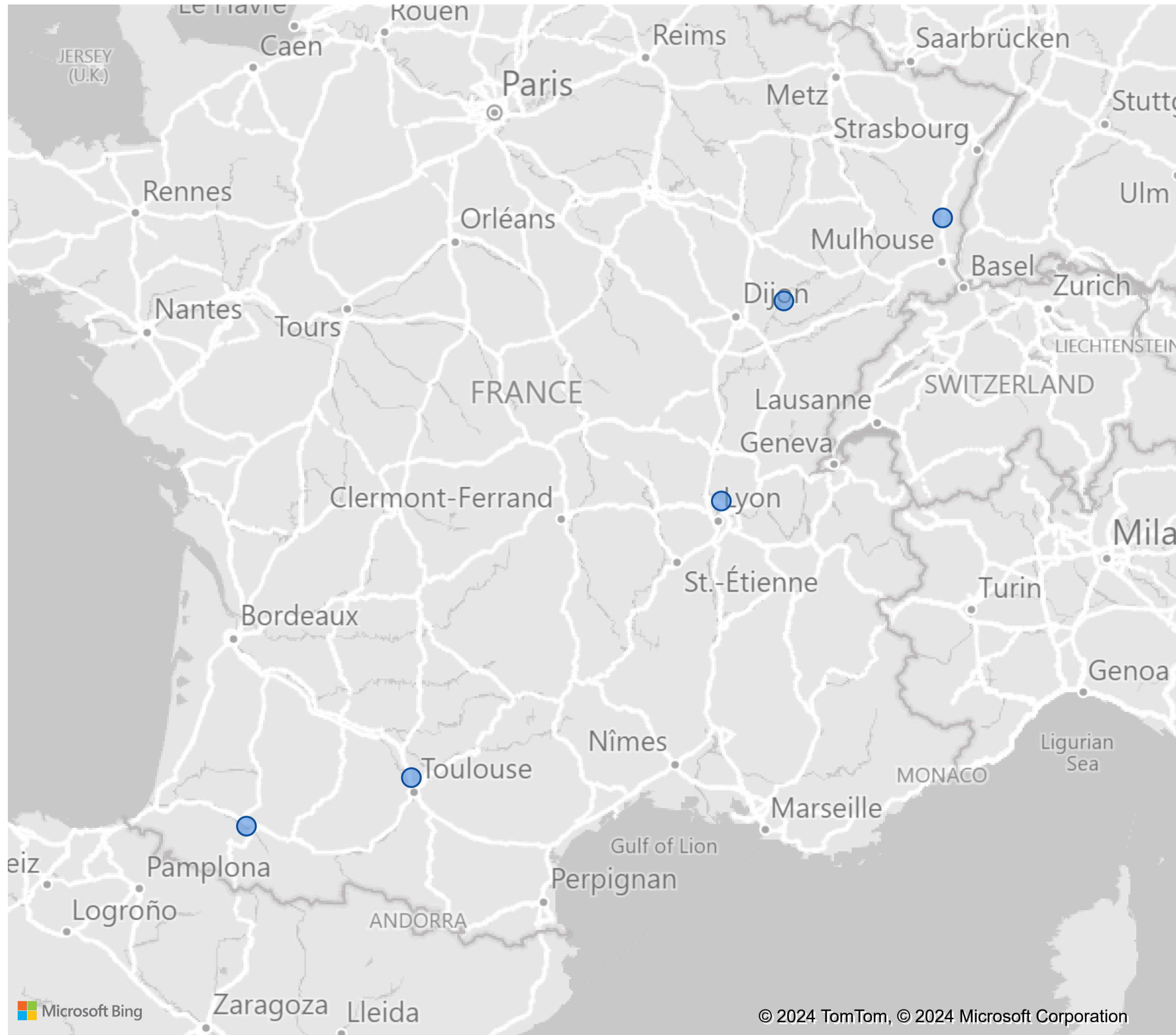
Country	City	Farms
Dominican Republic	La Romana	1
Dominican Republic	San Pedro De Macoris	4
Total		5



COVERED AREA - FRANCE

The ProTerra audits cover **12** Farms in **FRANCE**

Country	City	Farms
France	Arc-Les-Gray	4
France	Bruguières	1
France	Civrieux	1
France	Colmar	5
France	Lescar	1
Total		12



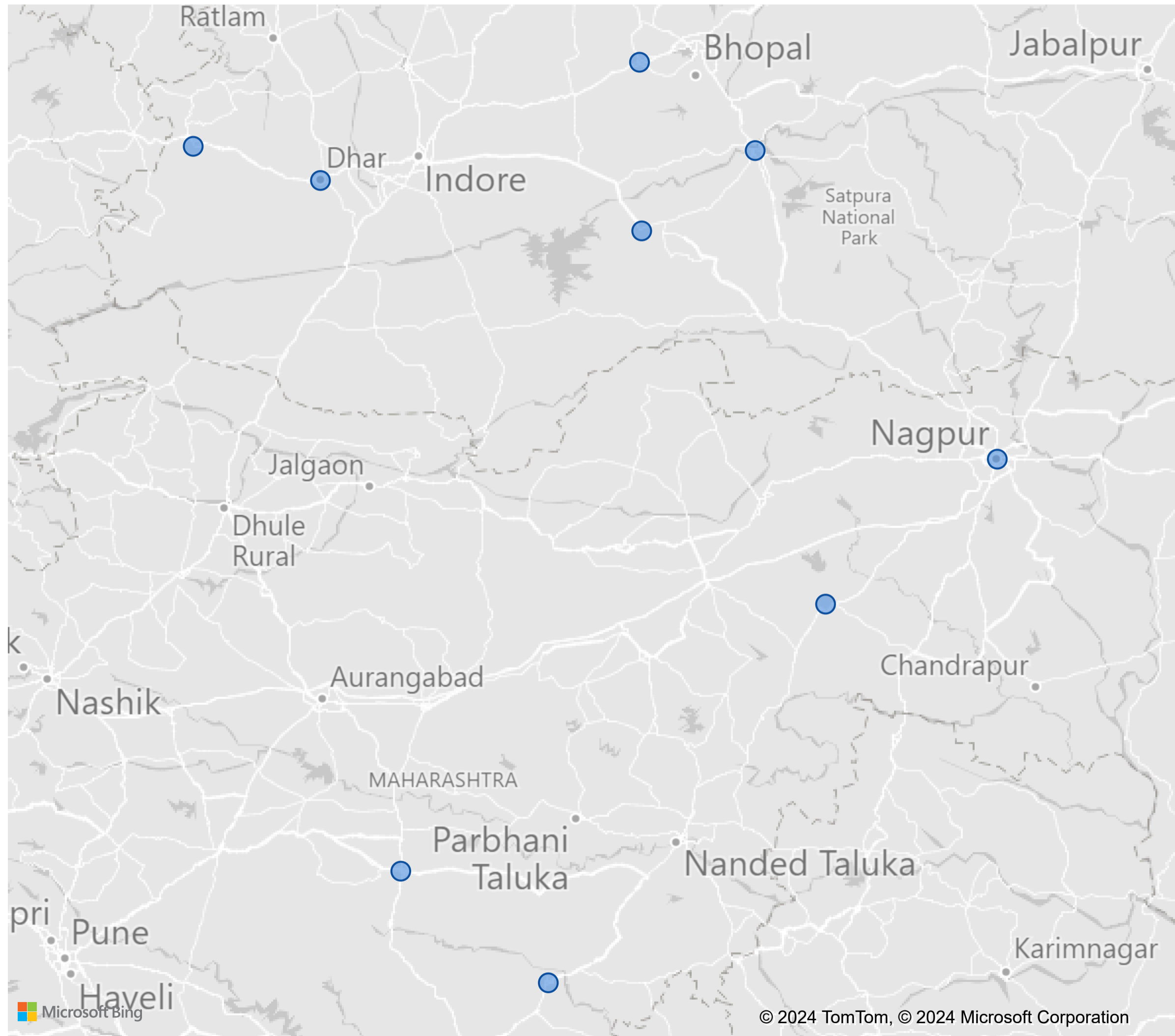
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COVERED AREA - INDIA

The ProTerra audits cover **481** Farms in **INDIA**

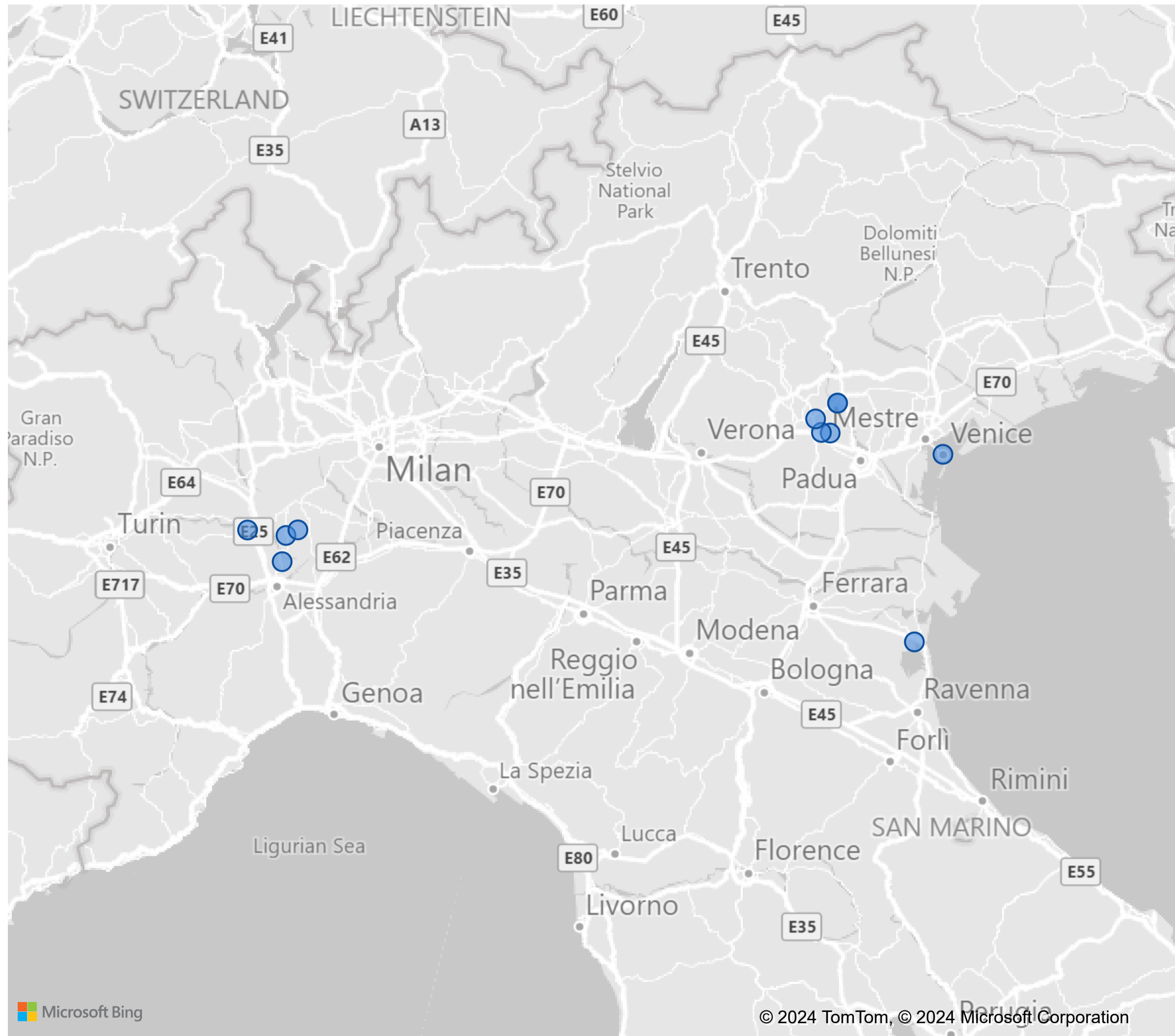
Country	City	Farms
India	Beed	52
India	Dhar	100
India	Harda	66
India	Hoshangabad	7
India	Jhabua	100
India	Latur	52
India	Nagpur	3
India	Sehore	100
India	Yawatmal	1
Total		481



COVERED AREA - ITALY

The ProTerra audits cover **12** Farms in **ITALY**

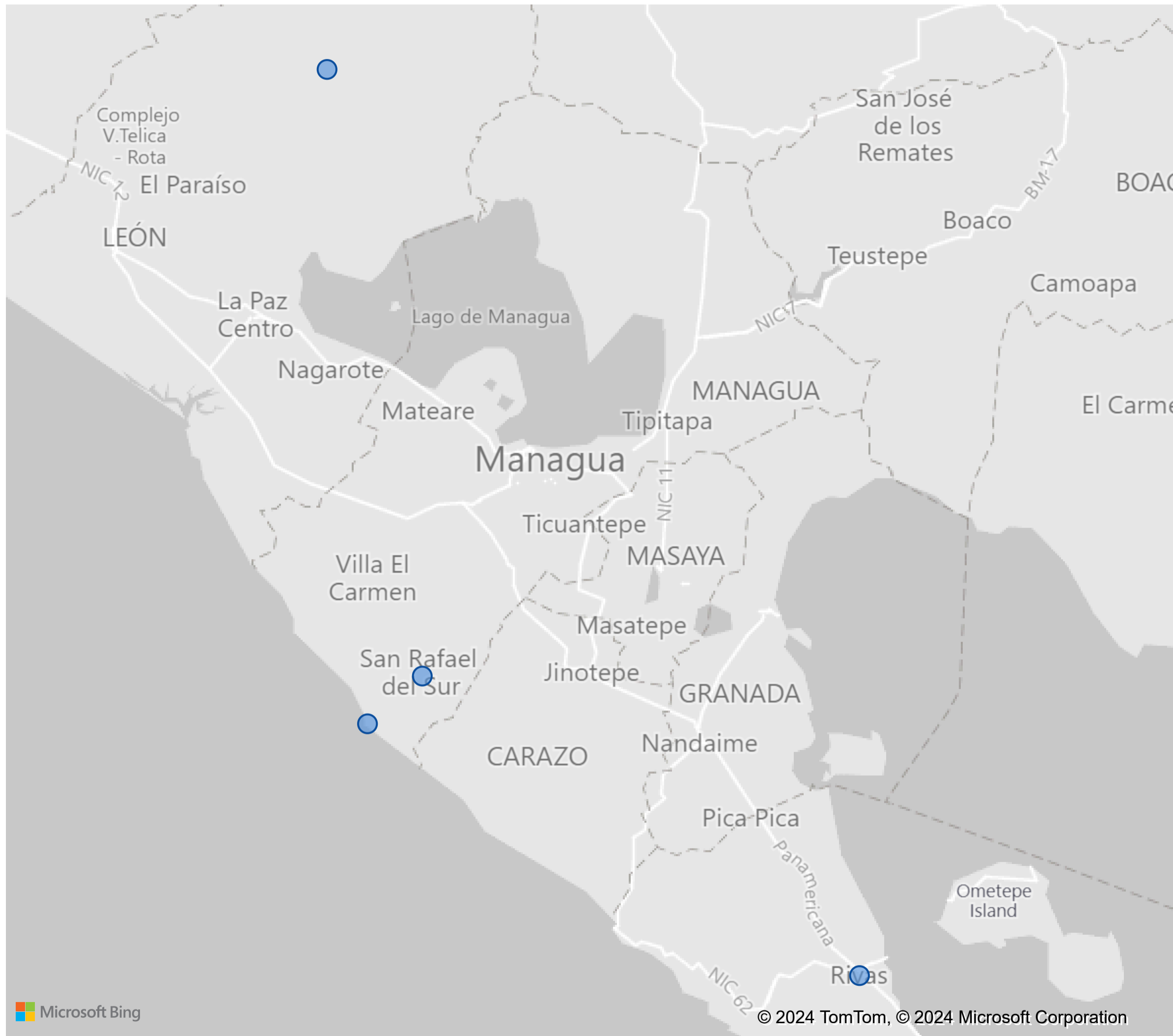
Country	City	Farms
Italy	Camisano Vicentino	1
Italy	Casale Monferrato	1
Italy	Comacchio (Fe)	2
Italy	Fontaniva	1
Italy	Fontaniva (Pd)	1
Italy	Grumolo Delle Abbadesse	1
Italy	Quinto Vicentino	1
Italy	Sartirana Lomellina – (Pv)	1
Italy	Semiana	1
Italy	Valenza	1
Italy	Venezia	1
Total		12



COVERED AREA - NICARAGUA

The ProTerra audits cover **8** Farms in **NICARAGUA**

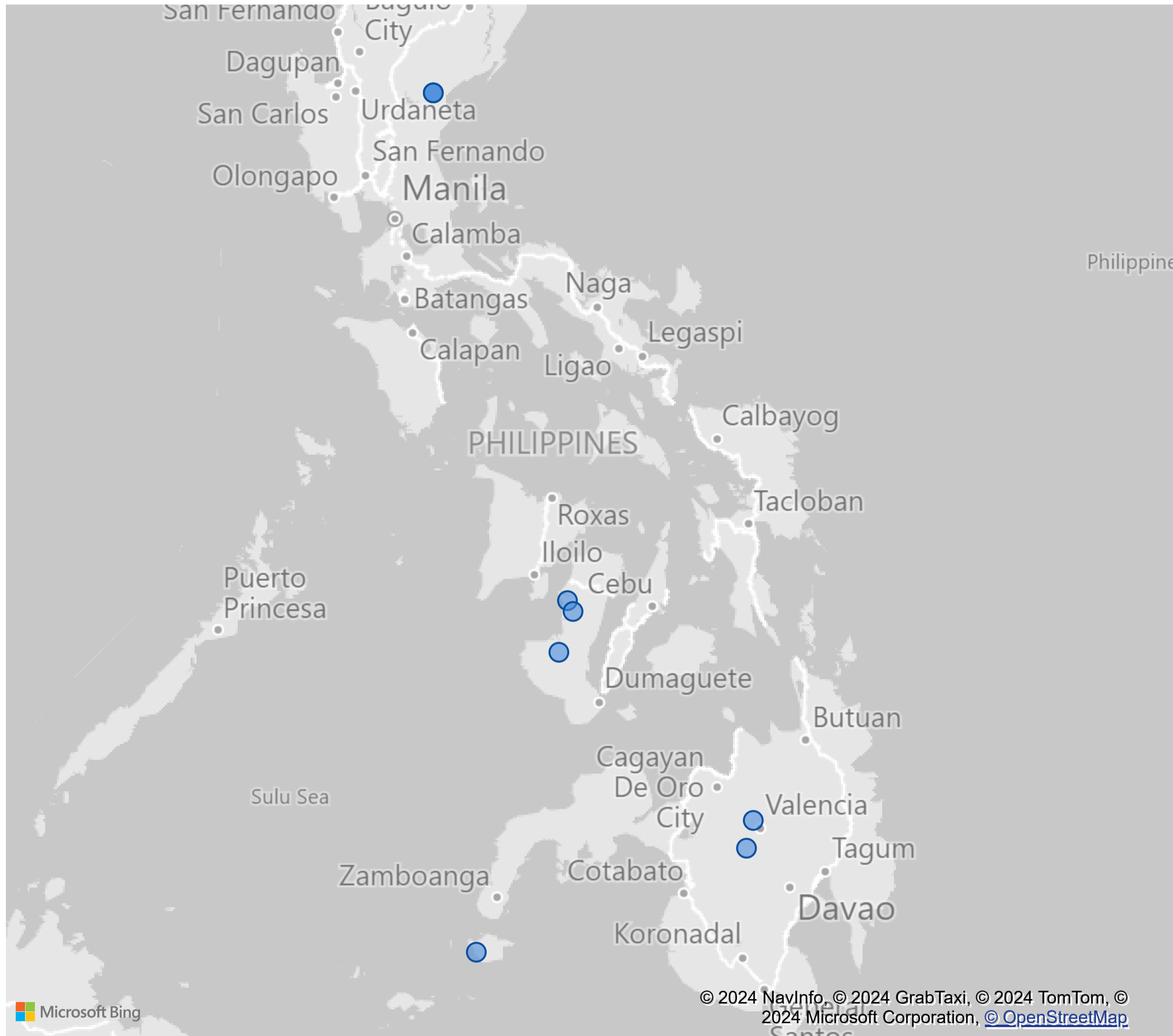
Country	City	Farms
Nicaragua	Rivas	4
Nicaragua	Malpaisillo	2
Nicaragua	Masachapa	1
Nicaragua	San Rafael Del Sur	1
Total		8



COVERED AREA - PHILIPPINES

The ProTerra audits cover **16** Farms in **PHILIPPINES**

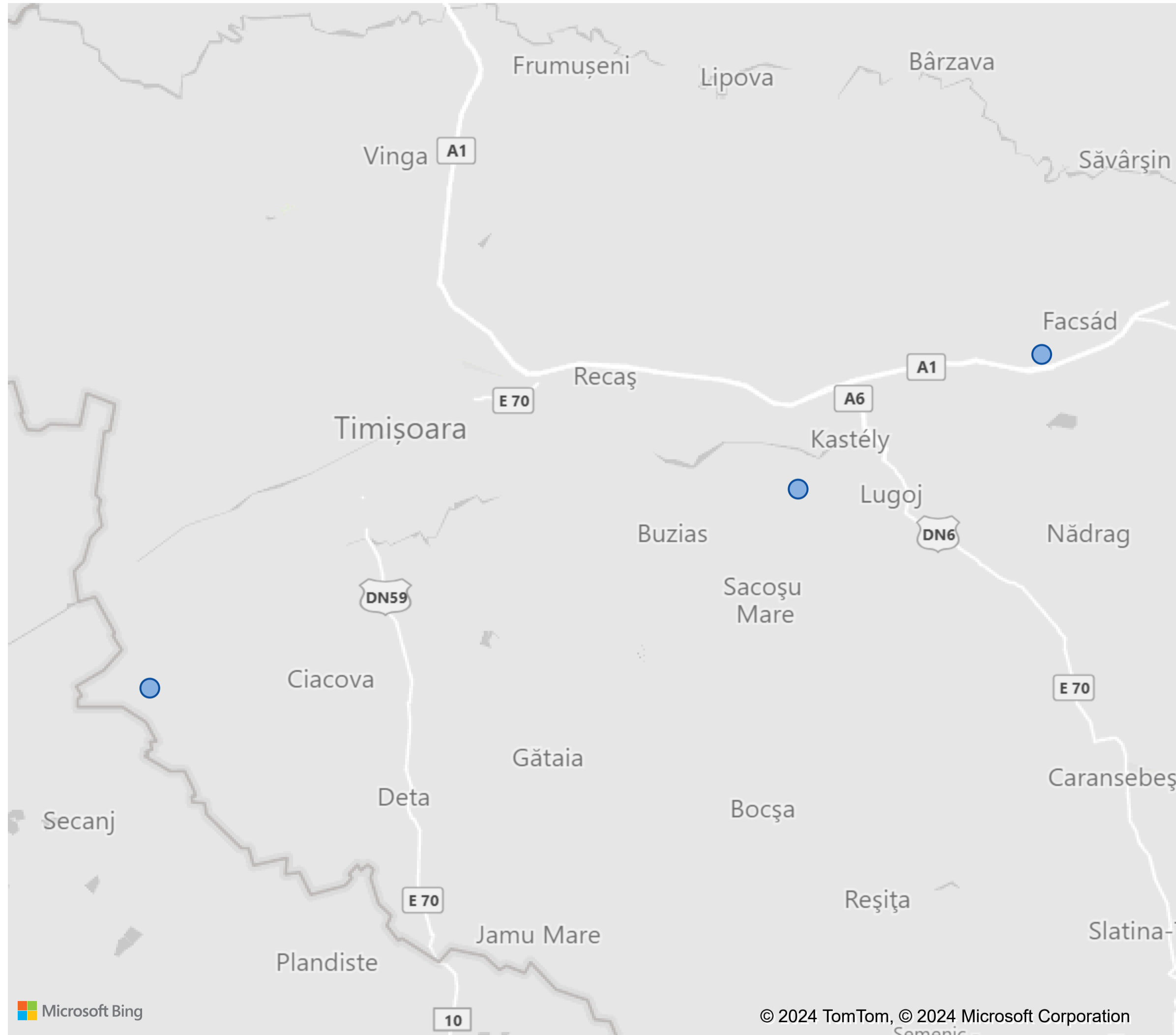
Country	City	Farms
Philippines	Buas	1
Philippines	Don Carlos	2
Philippines	Kabankalan	1
Philippines	La Carlota City	1
Philippines	Mahayahay	1
Philippines	Mindanao,	1
Philippines	Negros Occidental	7
Philippines	New Cean	1
Philippines	North Pob	1
Total		16



COVERED AREA - ROMANIA

The ProTerra audits cover 3 Farms in ROMANIA

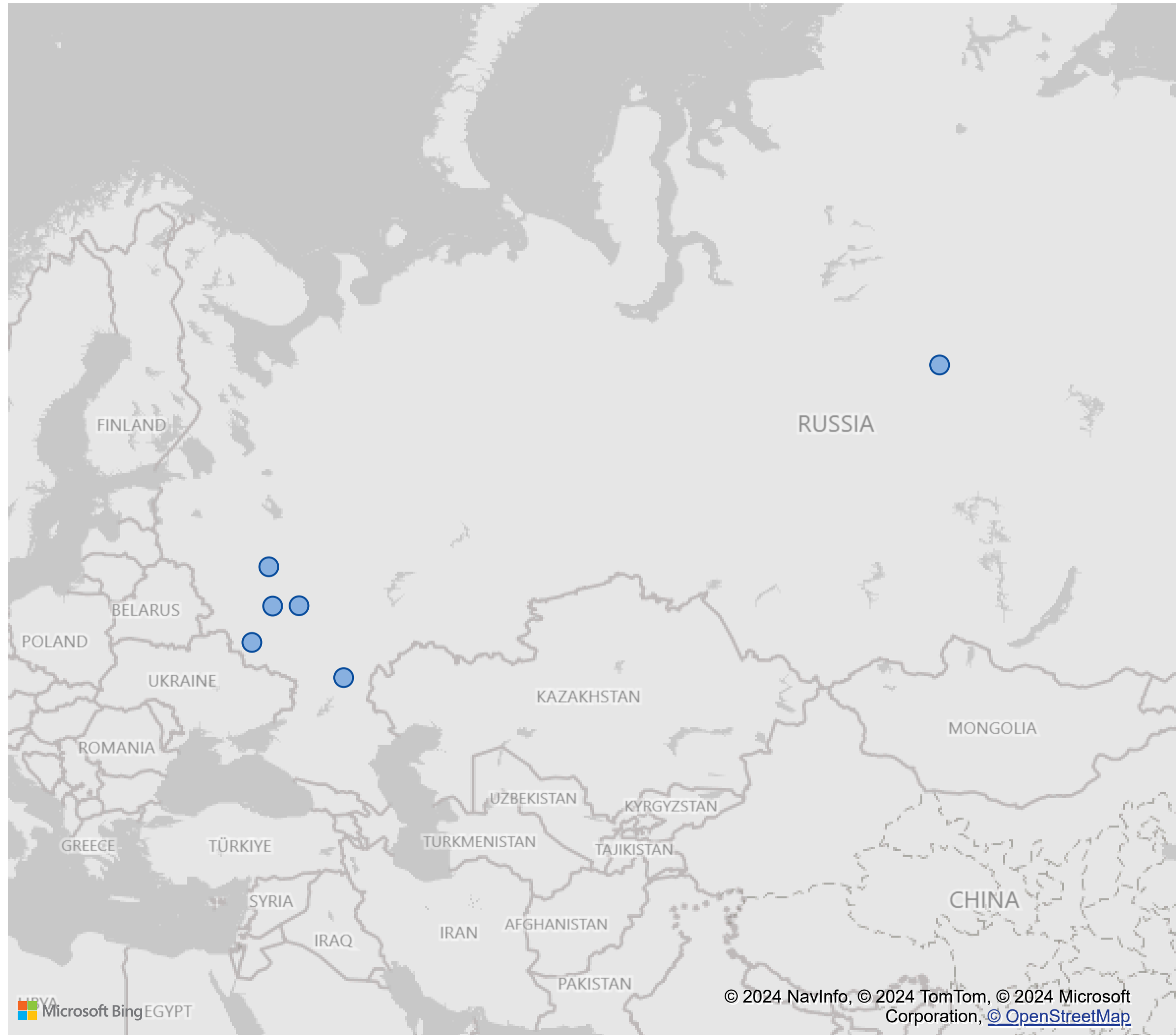
Country	City	Farms
Romania	Boldur	1
Romania	Dumbrava	1
Romania	Foeni	1
Total		3



COVERED AREA - RUSSIA

The ProTerra audits cover **6** Farms in **RUSSIA**

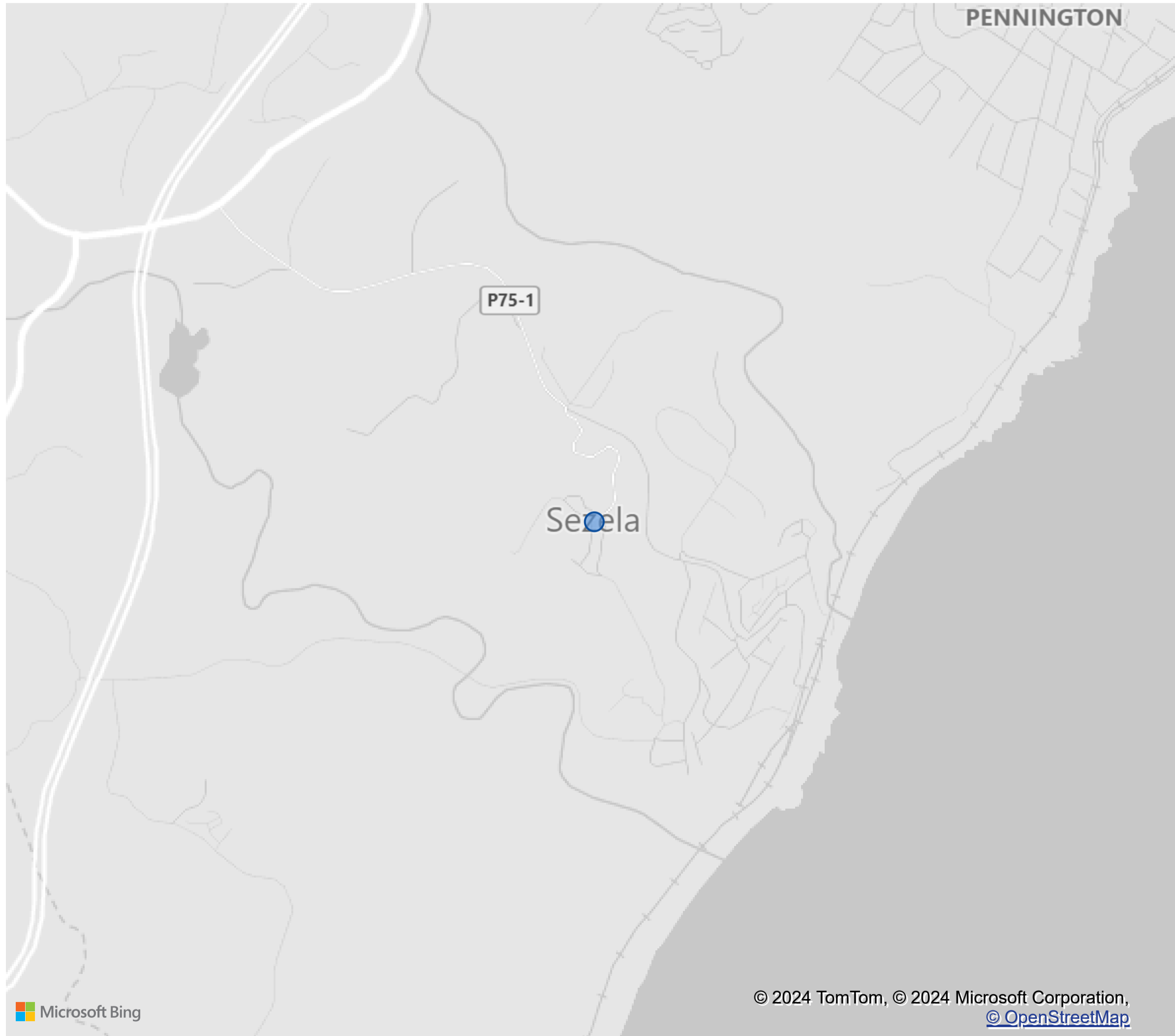
Country	City	Farms
Russia	Bogoroditsk	1
Russia	Izmalkovo	1
Russia	Kamenny Brod	1
Russia	Kamyshi	1
Russia	Lubovka	1
Russia	Uholovo	1
Total		6



COVERED AREA - SOUTH AFRICA

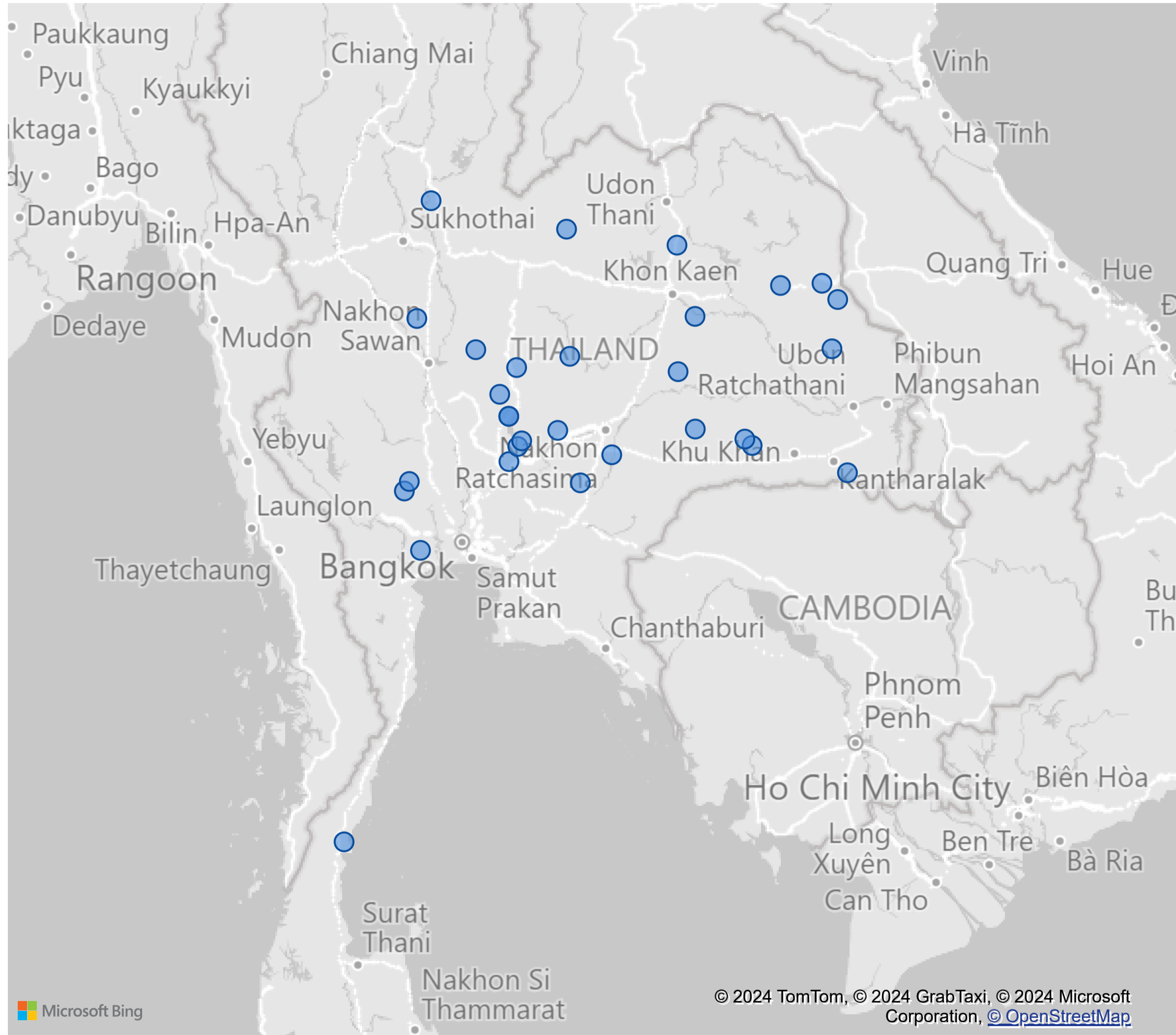
The ProTerra audits cover 2 farms in SOUTH AFRICA

Country	City	Farms
South Africa	Sezela	2
Total		2



COVERED AREA - THAILAND

The ProTerra audits cover 55 farms in THAILAND



Country	City	Farms
Thailand	Ban Kaeng Subdistrict	1
Thailand	Ban Pa	1
Thailand	Ban Pao Subdistrict	1
Thailand	Bung Lert Subdistrict	1
Thailand	Buriram	8
Thailand	Chorakhe Sam Phan	1
Thailand	Chumphon Subdistrict, Moei	1
Thailand	Don Kha Sub	1
Thailand	Dong Yen	1
Thailand	Kaeng Kae Subdistrict	1
Thailand	Kham Phran, Wang	1
Thailand	Khok Sa-At	1
Thailand	Klong Pikrai Township	1
Thailand	Kuchinarai	1
Thailand	Mukdahan	1
Thailand	Non Sa-At	1
Thailand	Nong Bua Subdistrict	1
Thailand	Nong Lek Subdistrict	1
Thailand	Nong Ong Sub	1
Thailand	Nong Ya Khao	1
Thailand	Phon	1
Thailand	Phu Luang Subdistrict	1
Thailand	Soeng Faek Subdistrict	1
Thailand	Surin	18

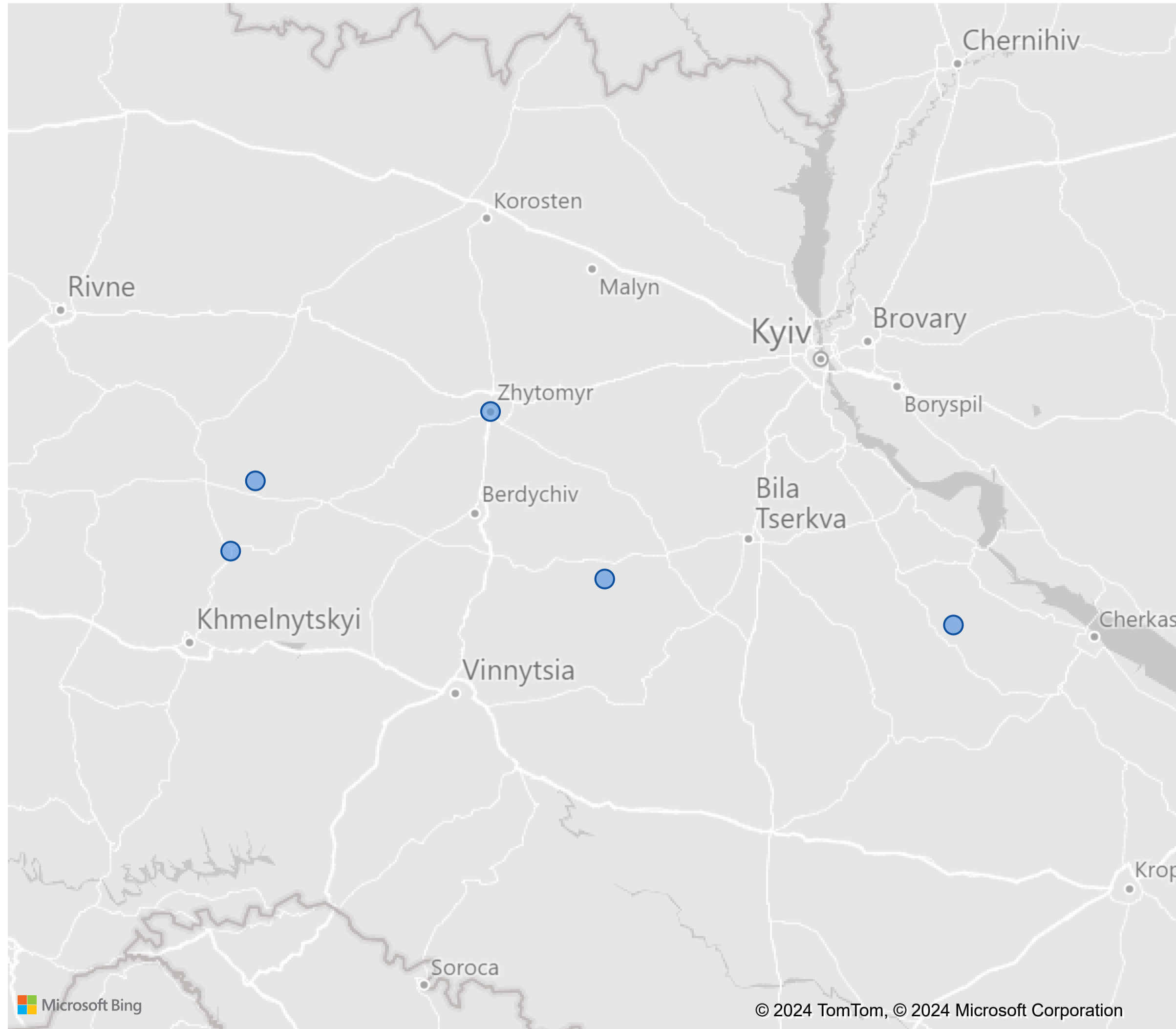
Country	City	Farms
Thailand	Takhop Sub-District	1
Thailand	Tha Rong Sub	1
Thailand	Tung Sai Township	1
Thailand	Wang Cha-On	1
Thailand	Wang Muang Subdistrict	1
Thailand	Wang Nam Khiao	1
Thailand	Yang Rak Subdistrict	1
Total		55



COVERED AREA - UKRAINE

The ProTerra audits cover **6** farms in **UKRAINE**

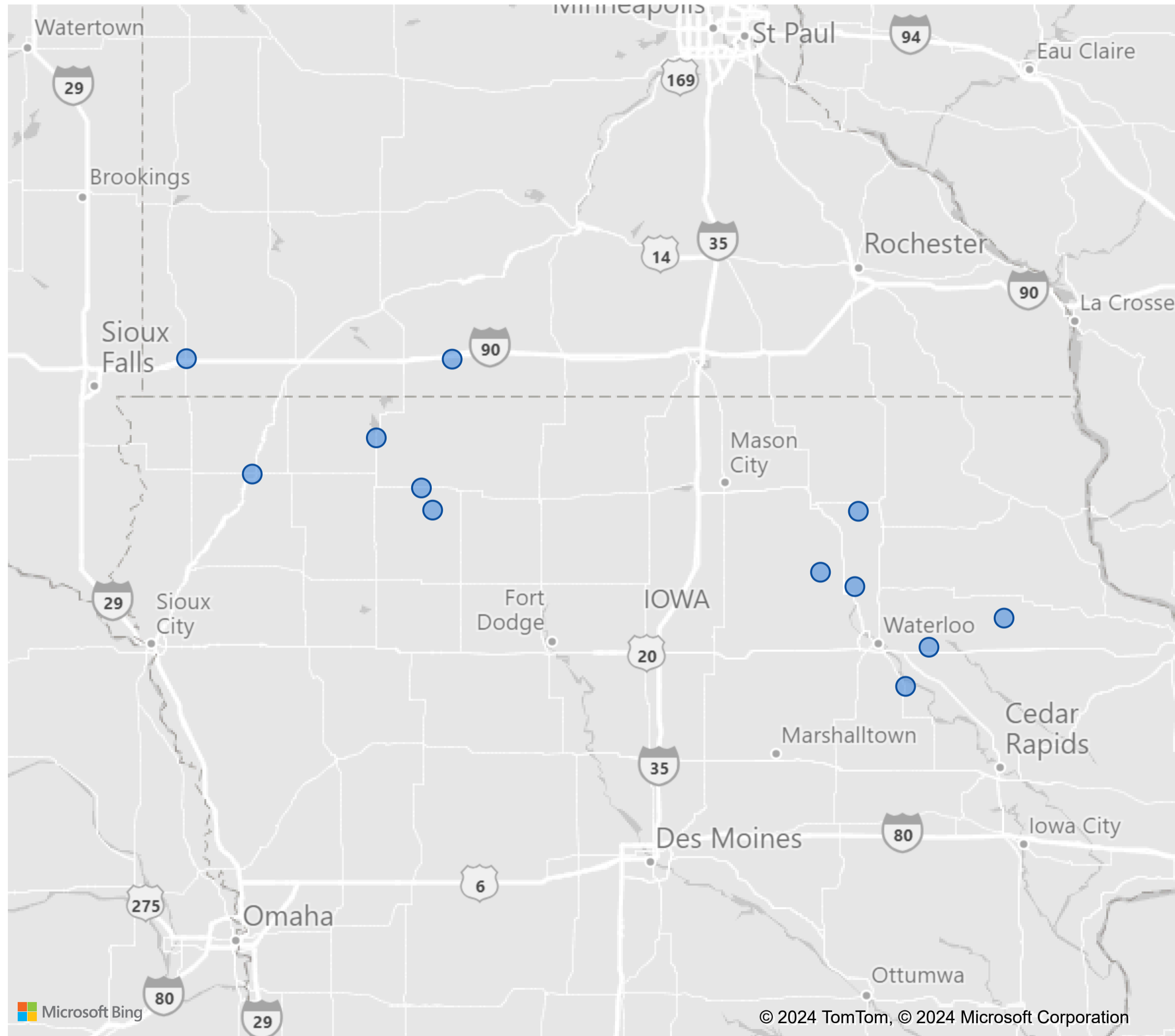
Country	City	Farms
Ukraine	Novolabun Village	1
Ukraine	Pereryv Village	1
Ukraine	Starokostiantyniv	1
Ukraine	Topory Village	1
Ukraine	Zhytomyr	2
Total		6



COVERED AREA - USA

The ProTerra audits cover **20** farms in **USA**

Country	City	Farms
USA	Ayrshire	2
USA	Clarksville	1
USA	Ionia	5
USA	Jesup	1
USA	La Porte	1
USA	Lamont	2
USA	Luverne	2
USA	Milford	1
USA	Ruthven	2
USA	Sheldon	1
USA	Sherburn	1
USA	Waverly	1
Total		20



AUDITED FARMS

- Total Number of Audited Farms: **770**
- Total Number of Farms: **52,727**
(Including Smallholders)
- Audited Production Area: **6,824,539** hectares
- Total Production Area: **1,839,822** hectares
- Total Soy Production Volume Audited: **2,532,021** tons
- Total Sugar Cane Production Volume Audited: **52,808,319** tons
- Consolidated Number of Total Employees On Certified Farms **49,608**
(Including Permanent Employees, Part Employees, Temporary Employees)



PROTERRA GROWNING

Sugar Cane Annual Crush (mt)

Total 2021	1.981.249,20
Total 2022	2.392.431,51
Total 2023	2.532.021,24

Certified Soy Volume (mt)

Total 2021	49.308.473,31
Total 2022	53.708.516,88
Total 2023	52.808.319,18



PRINCIPLE 1 - Compliance with law, international accords and the ProTerra Standard

92.97%

1.1.1 - Compliance with applicable laws.

97.66%

1.1.4 - The grower has title of the land.



PRINCIPLE 2 – Human Rights and Responsible personnel policies, labour practices

100.00%

2.1.1 - There is no slave labour or equivalent.

100.00%

2.1.2 - Workers' identity papers are not retained by the employer.

100.00%

2.1.4 - There is no child labour.

100.00%

2.1.5 - There are no coercive disciplinary or control methods used.

98.70%

2.2.1 - The workweek does not exceed 48 hours per week, or respects the national law/collective ag

98.96%

2.2.2 - Overtime does not routinely exceed 12 hours per week

99.48%

2.2.4 - Overtime hours are compensated as required by law



PRINCIPLE 2 – Human Rights and Responsible personnel policies, labour practices

99.48%

2.2.6 - Workers are entitled to one day off following 6 consecutive days of work.

99.61%

2.4.1 - Workers have equal opportunities and there is no discrimination.

97.79%

2.5.1 - Working conditions are appropriate and legally compliant.

95.84%

2.5.2 - Workers living on site shall have appropriate food, water and housing.

95.06%

2.6.1 - Workers have written employment contracts.

97.92%

2.8.1 - Workers' wages meet or exceed the national minimum wage or collective agreement.

98.44%

2.8.3 - Wages are regularly paid, documented and recorded.



PRINCIPLE 2 – Human Rights and Responsible personnel policies, labour practices

99.22%

2.8.4 - There is no deductions from wages for disciplinary purposes.

99.35%

2.8.5 - Social security plan required by law and legally deducted from salary.

92.34%

2.9.2 - Operation's risk assessment to mitigate activities' inherent risks.

84.81%

2.9.3 - First aid kits/emergency services are quickly available in case of accidents.

94.55%

2.9.4 - Workers' health and safety program is implemented and monitored.

95.97%

2.9.5 - Hazardous tasks are conducted by qualified and properly trained workers.

90.13%

2.9.6 - Required PPE is provided.



PRINCIPLE 2 – Human Rights and Responsible personnel policies, labour practices

90.65%

2.10.1 - Workers are trained on health and safety.

98.96%

2.11.1 - Maternity leave is respected according to the law.

100.00%

2.12.1 – Workers are allowed to join trade unions.



PRINCIPLE 3 - RESPONSIBLE RELATIONS WITH WORKERS AND COMMUNITY

94.52%

3.1.1 - The farm has a complaint system implemented for employees and local community.

100.00%

3.2.1 - Land use does not interfere with neighbours' production systems.

100.00%

3.2.2 - There is no land rights disputes.



PRINCIPLE 4 - ENVIRONMENTAL SERVICES, EFFECTIVE ENVIRONMENTAL MANAGEMENT PLAN

99.48%

4.1.1 - Native vegetation areas and other HCVAs have not been cleared after 2008.

99.87%

4.1.2 - Farm Joined CAR (Rural Environment Registry), complies with BR Forest Code

98.44%

4.2.1 - Native vegetation around bodies of water, on steep slopes and hill tops is maintained.

100.00%

4.2.2 - There is neither hunting nor gathering of native species.



PRINCIPLE 5 - GENETICALLY MODIFIED ORGANISMS (GMO) NOT USED

99.35%

5.1.1 - GMO products are not used in the production of ProTerra products.

100.00%

5.1.2 - The production system ensures that there is no contamination by GMO's.

98.96%

5.2.1 -Non-GMO materials segregated from GMO materials.



PRINCIPLE 6 - POLLUTION AND WASTE MANAGED EFFECTIVELY

88.18%

6.1.1 - Hazardous wastes are properly handled and have correct destination.

86.49%

6.1.2 - Non-hazardous wastes have correct destination and, where possible, are recycled.

94.55%

6.2.1 - Biological wastes are properly handled and have correct destination.

99.87%

6.2.2 - Biological wastes are not incinerated.



PRINCIPLE 7 - WATER MANAGED CONSERVATIVELY

95.84%

7.1.1 - The quantity and quality of natural water resources are conserved.

98.31%

7.2.1 - Best practices are implemented for water management and for irrigation.



PRINCIPLE 8 - GREENHOUSE GASES AND ENERGY MANAGED EFFECTIVELY

97.92%

8.1.1 - Greenhouse gases emissions are monitored, and restrictions and limits observed.

99.09%

8.2.1 - Practices to minimize the use of energy are adopted, giving preference to renewable sources



PRINCIPLE 9 - GOOD AGRICULTURAL PRACTICES ADOPTED

99.35%

9.1.1 - Good agricultural practices are adopted, for example Integrated Pest Management (IPM).

98.44%

9.2.1 - No burning of vegetation is used for area cleaning, except when authorized by law.

97.92%

9.3.1 - Soil and crops are managed to improve soil quality and fertility.

98.44%

9.3.2 - Soil suitability for the crop cultivation is assessed.

98.44%

9.3.3 - Fertilizer use is based on recommendations of experts or manufacturers.

96.48%

9.4.3 - Agricultural production records are kept.

96.36%

9.4.4 - Records of fertilizers and pesticides are kept as well as of pests, diseases.



PRINCIPLE 9 - GOOD AGRICULTURAL PRACTICES ADOPTED

100.00%

9.5.2 - Quality of seeds, either saved or obtained by breeding, is maintained.

98.83%

9.6.1 - The use of toxic or polluting materials is minimized, and pesticides with lower toxicity .

98.83%

9.6.2 - There is no use of pesticides listed in the WHO List classes 1a, 1b and II, Rotterdam.

98.83%

9.6.3 - No use of pesticides listed in WHO classes 1a and 1b, Rotterdam and Stockholm.

100.00%

9.6.4 - Non-chemical weed control methods are used.

95.71%

9.7.1 - Methods for the application of agrochemicals that minimize harm to health .

100.00%

9.7.2 - There is no pesticide spraying over bodies of water, protected or residential areas.



PRINCIPLE 9 - GOOD AGRICULTURAL PRACTICES ADOPTED

95.40%

9.7.3 - Recently sprayed areas are properly marked to prevent people entrance.

98.83%

9.7.4 - Aerial spraying is carried out only under good weather conditions.

100.00%

9.7.5 - Residents within 1 km shall be informed at least one day in advance before aerial spraying

99.35%

9.7.6 - Aerial spraying is not performed with pesticides listed in WHO classes 1 List classes 1a, 1b

97.92%

9.7.7 - Quarantine periods after application of pesticides are respected.

91.17%

9.7.8 - Pesticides are handled, stored, transported, and disposed in accordance with manufacturers.



THANK YOU!

FOODCHAIN

Seeing Food Clearly

