

APPENDIX 1-2. Commitment Letter from the Simazine Registrants

The Agency has received commitment letters from the technical registrants for simazine: Drexel Chemical Company; Sipcam Agro USA, Inc. (on behalf of Sipcam Oxon S.p.A.), and; Syngenta. The technical registration identified and proposed voluntary label modifications that would reduce the scope and complexity of the biological evaluation for simazine. Attached to this appendix are the technical registrants' commitment letters.



Drexel Chemical Company

March 3, 2020

Document Processing Desk
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Attention: Mr. Christian Bongard, Chemical Review Manager
Pesticide Re-evaluation Division, RMIB III**

Subject: Proposed Simazine Voluntary Label Modifications

Dear Mr. Bongard,

As confirmed in the Simazine Proposed Interim Registration Review Decision, Drexel Chemical Company understands that EPA is conducting a nationwide assessment of the potential risks that use of simazine may pose to federally listed threatened or endangered species or designated critical habitat, in support of the effects determination under Endangered Species Act § 7(a)(2) that EPA is scheduled to complete by August 2021. According to EPA's Draft Proposed Revised Method for National Level Endangered Species Risk Assessment Process for Biological Evaluations of Pesticides, the foundation of that assessment is an analysis of the potential overlap between approved or actual simazine use locations and species locations. Drexel Chemical Company further understands that, depending on the results of its effects determinations, EPA may determine that formal or informal consultation with the Services under § 7(a)(2) may be necessary.

In the interest of streamlining and improving the process for EPA's biological evaluation and any subsequent consultations, Drexel reviewed its simazine product registrations and labels and the relevant data regarding species locations and potential simazine use locations, as well as information regarding the current actual scope of use and the agronomic or other needs for specific simazine uses in specific areas. Based on that review, Drexel has identified the following voluntary label modifications that would significantly reduce the scope and complexity of EPA's simazine use locations analysis, the number of species whose range might overlap with simazine use sites, and the scope and complexity of EPA's simazine biological evaluation and any subsequent consultations. Drexel has identified these label modifications for these reasons only, and not because of any consideration or determination whether the identified uses actually pose any ecological risks, whether to listed species or otherwise. Drexel has conferred with the other simazine technical registrants and understands that they will likewise request and accept the label modifications identified below, and will confirm their commitment to do so in separate letters.

Along with the other simazine technical registrants, Drexel Chemical Company will voluntarily request and accept the following label modifications for all simazine registrations:

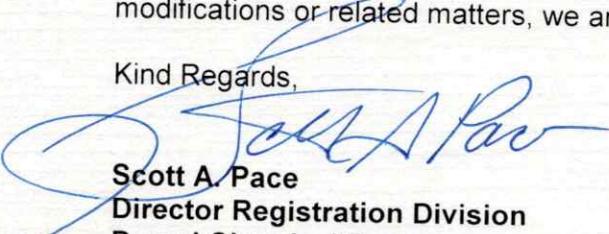
- Voluntarily label-off all uses of simazine in Hawaii and the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands), thereby restricting registered uses to the contiguous United States as simazine is not registered for use in Alaska.
- Voluntarily remove "shelterbelt" uses from all labels.
- Voluntarily restrict forestry uses to "Christmas trees" only on all labels.
- Voluntarily specify that turf uses include "warm season turf" only on all labels.

Along with the other simazine technical registrants, Drexel is also proposing and will accept the following label modifications for all simazine registrations to provide assurance against potential risks to listed species according to the best available triazine data as demonstrated in MRID 50683101 (Brain et al., 2019):¹

- Require the following mandatory spray drift language: Use nozzles intended to deliver a coarse to ultra-coarse droplet size distribution. Do not apply if average windspeeds exceed 10 mph (16 kph) for ground applications. Use a maximum release height of 4 feet (1.2 meters) for ground applications.
- Require an in-field downwind buffer from threatened and endangered species critical habitat and/or species locations of 15 feet (4.6 meters) for ground applications. This buffer would also apply generically to the edge of streams and rivers as well as the high-tide line for estuarine/marine environments. Bulletins Live (<https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins>) can be utilized to identify counties with potential co-occurrence of listed species and registered uses.

These label modifications would apply to all current Drexel Chemical Company simazine product registrations as listed in Appendix 1 to this letter, as well as any future simazine product registrations. Drexel and the other simazine technical registrants are offering these voluntary label modifications in the hope that they will streamline and improve the Agency's ongoing simazine endangered species risk assessment. If you have any questions on these label modifications or related matters, we are willing and available to discuss them.

Kind Regards,



Scott A. Pace
Director Registration Division
Drexel Chemical Company

¹ Brain R, Goodwin G, Abi-Akar F, Lee B, Rodgers C, Flatt B, Lynn A, Kruger G, Perkins D. 2019. Winds of Change, Developing a Non-Target Plant Bioassay Employing Field-Based Pesticide Drift Exposure: A Case Study with Atrazine. *Science of the Total Environment* 678:239–252. <https://doi.org/10.1016/j.scitotenv.2019.04.411>.

Appendix 1: Current Drexel Chemical Company Simazine Product Registrations

Primary Product Name	Registration Number
Drexel Simazine Technical	#19713-59
Drexel Simazine 4L	#19713-60
Drexel Simazat 4L	#19713-171
Drexel Simazine 90 DF	#19713-252
Drexel Simazine 4F	#19713-273
Drexel Simazine Technical Two	#19713-386
SimaZat 90DF	#19713-553



April 29, 2020

Document Processing Desk
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Attention: Mr. Christian Bongard, Chemical Review Manager
Pesticide Re-evaluation Division, RMIB III**

Subject: Proposed Simazine Voluntary Label Modifications

Dear Mr. Bongard,

As confirmed in the Simazine Proposed Interim Registration Review Decision, Sipcam Oxon S.p.A. (Sipcam Oxon) understands that EPA is conducting a nationwide assessment of the potential risks that use of simazine may pose to federally listed threatened or endangered species or designated critical habitat, in support of the effects determination under Endangered Species Act § 7(a)(2) that EPA is scheduled to complete by August 2021. According to EPA's Draft Proposed Revised Method for National Level Endangered Species Risk Assessment Process for Biological Evaluations of Pesticides, the foundation of that assessment is an analysis of the potential overlap between approved or actual simazine use locations and species locations. Sipcam Oxon further understands that, depending on the results of its effects determinations, EPA may determine that formal or informal consultation with the Services under § 7(a)(2) may be necessary.

In the interest of streamlining and improving the process for EPA's biological evaluation and any subsequent consultations, Sipcam Oxon reviewed its simazine product registrations and labels and the relevant data regarding species locations and potential simazine use locations, as well as information regarding the current actual scope of use and the agronomic or other needs for specific simazine uses in specific areas. Based on that review, Sipcam Oxon has agreed, with the other simazine technical registrants, to the following voluntary label modifications that would significantly reduce the scope and complexity of EPA's simazine use locations analysis, the number of species whose range might overlap with simazine use sites, and the scope and complexity of EPA's simazine biological evaluation and any subsequent consultations. Sipcam Oxon agrees to these label modifications for these reasons only, and not because of any consideration or determination whether the identified uses actually pose any ecological risks, whether to listed species or otherwise. Sipcam Oxon has conferred with the other simazine technical registrants and understands that they will likewise request and accept the label modifications identified below, and will confirm their commitment to do so in separate letters.

Along with the other simazine technical registrants, Sipcam Oxon will voluntarily request and accept the following label modifications for all simazine registrations:

- Voluntarily label-off all uses of simazine in Hawaii and the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands), thereby restricting registered uses to the contiguous United States as simazine is not registered for use in Alaska.
- Voluntarily remove "shelterbelt" uses from all labels.
- Voluntarily restrict forestry uses to "Christmas trees" only on all labels.
- Voluntarily specify that turf uses include "warm season turf" only on all labels.



Page 2
April 29, 2020
Mr. Christian Bongard
Proposed Simazine Voluntary Label Modifications

Along with the other simazine technical registrants, Sipcaml Oxon is also proposing and will accept the following label modifications for all simazine registrations to provide assurance against potential risks to listed species according to the best available triazine data as demonstrated in MRID 50683101 (Brain et al., 2019):¹

- Require the following mandatory spray drift language: Use nozzles intended to deliver a coarse to ultra-coarse droplet size distribution. Do not apply if average windspeeds exceed 10 mph (16 kph) for ground applications. Use a maximum release height of 4 feet (1.2 meters) for ground applications.
- Require an in-field downwind buffer of 15 feet (4.6 meters) for ground applications:
 - from the edge of all streams and rivers as well as the high-tide line for all estuarine/marine environments, and
 - from threatened and endangered species critical habitat and/or species locations. Bulletins Live (<https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins>) can be utilized to identify counties with potential co-occurrence of listed species and registered uses.

These label modifications would apply to all current Sipcaml Oxon simazine product registrations as listed in Appendix 1 to this letter, as well as any future simazine product registrations. Sipcaml Oxon and the other simazine technical registrants are offering these voluntary label modifications in the hope that they will streamline and improve the Agency's ongoing simazine endangered species risk assessment. If you have any questions on these label modifications or related matters, we are willing and available to discuss them.

Sincerely,

Lizbeth Rea
Director of Regulatory Affairs
Sipcaml Agro USA, Inc.
US Agent of Record for Sipcaml Oxon S.p.A.

¹ Brain R, Goodwin G, Abi-Akar F, Lee B, Rodgers C, Flatt B, Lynn A, Kruger G, Perkins D. 2019. Winds of Change, Developing a Non-Target Plant Bioassay Employing Field-Based Pesticide Drift Exposure: A Case Study with Atrazine. *Science of the Total Environment* 678:239–252. <https://doi.org/10.1016/j.scitotenv.2019.04.411>.



Page 3
April 29, 2020
Mr. Christian Bongard
Proposed Simazine Voluntary Label Modifications

Appendix 1: Current Sipcaml Oxon S.p.A. Simazine Product Registrations

Primary Product Name	Registration Number
Simazine Technical	35915-10
Oxon Italia Sim-Trol 4L Simazine Flowable Herbicide	35915-11
Sim-Trol 9DF	35915-12



Regulatory Affairs
P.O. Box 18300
Greensboro, NC 27419-8300

April 17, 2020

Document Processing Desk
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Attention: Mr. Christian Bongard, Chemical Review Manager
Pesticide Re-evaluation Division, RMIB III**

Subject: Proposed Simazine Voluntary Label Modifications

Dear Mr. Bongard,

As confirmed in the Simazine Proposed Interim Registration Review Decision, Syngenta understands that EPA is conducting a nationwide assessment of the potential risks that use of simazine may pose to federally listed threatened or endangered species or designated critical habitat, in support of the effects determination under Endangered Species Act § 7(a)(2) that EPA is scheduled to complete by August 2021. According to EPA's Draft Proposed Revised Method for National Level Endangered Species Risk Assessment Process for Biological Evaluations of Pesticides, the foundation of that assessment is an analysis of the potential overlap between approved or actual simazine use locations and species locations. Syngenta further understands that, depending on the results of its effects determinations, EPA may determine that formal or informal consultation with the Services under § 7(a)(2) may be necessary.

In the interest of streamlining and improving the process for EPA's biological evaluation and any subsequent consultations, Syngenta reviewed its simazine product registrations and labels and the relevant data regarding species locations and potential simazine use locations, as well as information regarding the current actual scope of use and the agronomic or other needs for specific simazine uses in specific areas. Based on that review, Syngenta has identified the following voluntary label modifications that would significantly reduce the scope and complexity of EPA's simazine use locations analysis, the number of species whose range might overlap with simazine use sites, and the scope and complexity of EPA's simazine biological evaluation and any subsequent consultations. Syngenta has identified these label modifications for these reasons only, and not because of any consideration or determination whether the identified uses actually pose any ecological risks, whether to listed species or otherwise. Syngenta has conferred with the other simazine technical registrants and understands that they will likewise request and accept the label modifications identified below, and will confirm their commitment to do so in separate letters.

Along with the other simazine technical registrants, Syngenta will voluntarily request and accept the following label modifications for all simazine registrations:

- Voluntarily label-off all uses of simazine in Hawaii and the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands), thereby restricting registered uses to the contiguous United States as simazine is not registered for use in Alaska.
- Voluntarily remove “shelterbelt” uses from all labels.
- Voluntarily restrict forestry uses to “Christmas trees only” on all labels.
- Voluntarily specify that turf uses include “warm season turf only” on all labels.

Along with the other simazine technical registrants, Syngenta is also proposing and will accept the following label modifications for all simazine registrations to provide assurance against potential risks to listed species according to the best available triazine data as demonstrated in MRID 50683101 (Brain et al., 2019):¹

- Require the following mandatory spray drift language: Use nozzles intended to deliver a coarse to ultra-coarse droplet size distribution. Do not apply if average windspeeds exceed 10 mph (16 kph) for ground applications. Use a maximum release height of 4 feet (1.2 meters) for ground applications.
- Require an in-field downwind buffer of 15 feet (4.6 meters) for ground applications:
 - from the edge of all streams and rivers as well as the high-tide line for all estuarine/marine environments, and
 - from threatened and endangered species critical habitat and/or species locations. Bulletins Live (<https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins>) can be utilized to identify counties with potential co-occurrence of listed species and registered uses.

These label modifications would apply to all current Syngenta simazine product registrations as listed in Appendix 1 to this letter, as well as any future simazine product registrations. Syngenta and the other simazine technical registrants are offering these voluntary label modifications in the hope that they will streamline and improve the Agency’s ongoing simazine endangered species risk assessment. If you have any questions on these label modifications or related matters, we are willing and available to discuss them.

Kind Regards,



Cheryl Moore
Regulatory Product Manager

¹ Brain R, Goodwin G, Abi-Akar F, Lee B, Rodgers C, Flatt B, Lynn A, Kruger G, Perkins D. 2019. Winds of Change, Developing a Non-Target Plant Bioassay Employing Field-Based Pesticide Drift Exposure: A Case Study with Atrazine. *Science of the Total Environment* 678:239–252. <https://doi.org/10.1016/j.scitotenv.2019.04.411>.

Appendix 1: Current Syngenta Simazine Product Registrations

Primary Product Name	Registration Number
Princep 4L	100-526
Princep Caliber 90 Herbicide	100-603
Simazine Technical	100-541