

March 30, 2026

Kumiai's patent portfolio related to pyroxasulfone in North America

Kumiai Chemical Industry Co., Ltd. ("Kumiai") maintains multiple valid patents covering its core herbicide product, pyroxasulfone and its related technologies in North America, including patents for key-intermediate, manufacturing-process, and herbicide compositions. Kumiai's North American patent portfolio includes, but is not limited to, the following:

United States: Patent Nos. US7714142B2 and US7812175B2 (key-intermediate and manufacturing-process patents), US7833939B2, US8110530B2 and US8283291B2 (herbicide composition patents); and

Canada: Patent Nos. CA2642308C (key-intermediate and manufacturing-process patent), CA3156419C (manufacturing-process patent), CA2671150C and CA2851098C (herbicide composition patents).

For details of each patent, including its current status, validity and remaining term, please refer directly to the patent information published by the relevant authorities in each jurisdiction.

From 2024, Kumiai has actively enforced its patent rights internationally and has won or successfully resolved several disputes in multiple jurisdictions. Kumiai is committed to protecting its intellectual property and will pursue appropriate legal remedies against any unauthorized manufacture, importation, distribution, or sale of pyroxasulfone products that infringe our patents around the world.

Kumiai is one of the world's leading agrochemical companies with over 70 years of experience in manufacturing herbicide products, and its pyroxasulfone products have

long been trusted by farmers worldwide. Kumiai holds a global patent portfolio, including but not limited to patents related to its core product, pyrooxasulfone.

<Inquiry for this press release>

Kumiai Chemical Industry Co., Ltd.

Customer Inquiry Form <https://www.kumiai-chem.co.jp/english/contact.html>