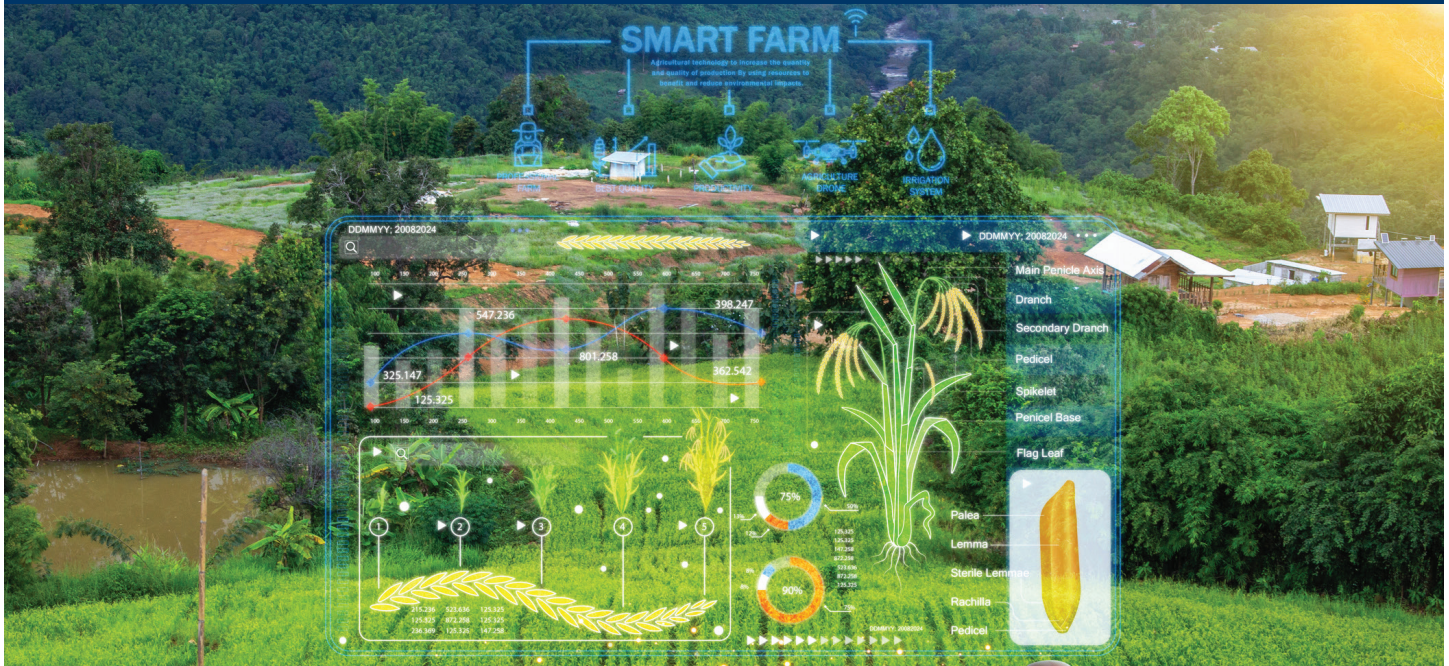




EXPERIENCE IN THE FIELD. *Raising understanding of the agriculture and animal health industries and how the two intersect.*

The agriculture and animal health industries form the backbone of the global food, farming and life sciences ecosystem. Agriculture encompasses the cultivation of plants, crops and related technologies – from mendelian genetics, advanced plant genetics and gene-editing techniques to precision systems for indoor farming, hydroponics and sustainable food production. As the sector evolves, innovations like plant-based protein alternatives and climate-resilient crops are transforming the way we grow and consume food. The animal health industry focuses on improving and maintaining the well-being of both food-producing and companion animals. This includes the development of pharmaceuticals, biologics and vaccines, as well as veterinary devices, diagnostics and pet care products. These technologies are essential for ensuring animal welfare, reducing disease transmission and producing safe, high-quality animal-derived food products.

The two industries intersect across multiple fronts, especially in pest/pathogen management, sustainability, biotechnology and food security. Healthier livestock and agriculture systems contribute to stronger outputs, and innovations in plant-based ingredients and biotechnology drive growth in both sectors. Together, agriculture and animal health form a dynamic, interconnected marketplace, where intellectual property and cutting-edge technology are key to staying competitive.

Duane Morris attorneys have experience focusing on the procurement, defense and enforcement of IP rights in veterinary treatments (both small molecule and biotech treatments including antibody treatments), veterinary care products, plants, plant-related technologies, agricultural products and the associated technologies that enable or facilitate the production of such veterinary, plant and agricultural products. The group also regularly provides strategic counseling regarding freedom to operate, noninfringement and invalidity, and transactions involving the transfer and licensing of such veterinary, plant and agricultural products and associated technologies, and related intellectual property.

REPRESENTATIVE MATTERS

- Serve and served as **patent prosecution and contentious matters counsel** for a number of animal health companies specializing in small molecule veterinary pharmaceuticals and biologics such as antibody therapeutics, including through subsequent acquisition, each by an international animal health company, with the quality of the patent work being a significant factor in the acquiring company proceeding with the acquisition.
- Continued service as **patent prosecution** for an animal health company focusing on breakthrough homeopathic treatments for animals.
- Continued service as **intellectual property counsel** to one of the largest worldwide fruit and vegetable seed purveyors. Representative technologies include new plant varieties, protection against pathogens and pests, and enhancing storage and shipment of crops and plants.
- Continued service as **intellectual property counsel** to entities involved in genetically modified plants, such as plants modified to produce useful human medicaments.
- Counseled an international animal health company in animal pharmaceuticals and biologics with respect to **patentability, freedom to operate and clearing patent thickets**.
- Counseled a companion animal supply company in **freedom to operate** for forthcoming probiotic supplements for canines and animal cage cleaning wipes.
- Served as **patent prosecution counsel** for a company focusing in lyophilization technology for drying plants and plant parts, whose application can include the drying of hops, herbs, hemp and cannabis.
- Represented an international seller of ornamental plants and other nursery products.

KEY TECHNOLOGIES

- ▶ Plant varieties and technologies utilizing **Mendelian genetics**
- ▶ **Transgenetic plants and technologies** for making and using such plants (e.g., as protein expression systems)
- ▶ **Gene editing (CRISPR)** technologies
- ▶ **Herbicides, pesticides** and plant treatment compositions
- ▶ **Hydroponics** and advanced agricultural systems
- ▶ **Lyophilization technology** and techniques for drying and curing of plant parts
- ▶ **Indoor farming systems** (air handling, irrigation, control systems, seeding/harvesting equipment)
- ▶ **Packaging and containers** for plants and vegetables
- ▶ **Allopathic and homeopathic veterinary treatments** (pharmaceuticals, biologics, vaccines)
- ▶ **Pet care products** (toys, harnesses, enclosures, feeding products, aquariums)
- ▶ **Yeast strains** for wine and beer fermentation and maintaining the aesthetics of wine
- ▶ **Plant-based egg alternatives** (vegan yolk, egg white, shells)
- ▶ **Apiculture technologies** (environmental condition monitoring in beehives)
- ▶ **Pisciculture technologies** (including software and cloud computing applications in breeding and rearing fish)

WHO WE SERVE

- ▶ **Agtech innovators** developing next-gen farming systems
- ▶ **Veterinary and animal health companies** in pharma and biologics
- ▶ **Pet care product manufacturers**
- ▶ **Food and beverage companies** creating plant-based or fermented products
- ▶ **Biotech firms** leveraging gene editing and agricultural genetics
- ▶ **Startups and established multinationals** across the global agriculture supply chain

WHY DUANE MORRIS

- ▶ **Industry Depth:** Decades of experience advising leaders in agriculture, veterinary care and life sciences.
- ▶ **Cutting-Edge IP Knowledge:** From gene-editing to plant-based proteins, we are trusted by innovators shaping the future of food and animal health.
- ▶ **Global Reach:** Support for cross-border IP protection, enforcement and transactions.

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Boca Raton | Pittsburgh | Northern New Jersey | Southern New Jersey | Las Vegas
Sydney | Myanmar | Duane Morris LLP - A Delaware limited liability partnership

RANKINGS

- ▶ **Law360 2024 INTELLECTUAL PROPERTY GROUP OF THE YEAR**



**Managing
Intellectual
Property**

- ▶ Ranked in *Managing IP's* IP Stars as **HIGHLY RECOMMENDED** (Georgia, Pennsylvania) for Intellectual Property and **RECOMMENDED** (New York) for Patent Prosecution for 2025

- ▶ **RECOGNIZED IN THREE CHAMBERS REGIONAL GUIDES** of leading lawyers for business – *Chambers USA*, *Chambers Global* and *Chambers Asia-Pacific* – as well as *Chambers High Net Worth* guide

**Chambers
AND PARTNERS**

- **50 practice areas** cited for excellence

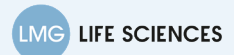
- ▶ Ranked by Juristat as a **TOP 3 LAW FIRM** for Patent Prosecution in Biotechnology and Organic Chemistry



- ▶ Ranked by Legal 500: United States 2025 as a **LEADING LAW FIRM** in Life Sciences



- ▶ Ranked by LMG Life Sciences 2025 among **LEADERS IN PATENT PROSECUTION**



RANGE OF SERVICES

- ▶ IP Prosecution and Procurement
- ▶ IP Counseling and Strategy
- ▶ IP Litigation
- ▶ IP Licensing/Diligence
- ▶ Regulatory
- ▶ Corporate Formation
- ▶ Financings
- ▶ Exits
- ▶ Stakeholder Disputes
- ▶ Collaborations/Partnering
- ▶ Commercial Contracts
- ▶ Corporate Governance
- ▶ Commercial Litigation
- ▶ Products Liability and Toxic Torts
- ▶ White-Collar/Government Regulatory
- ▶ Employment and Labor
- ▶ Benefits
- ▶ Immigration Services and Compliance

FOR MORE INFORMATION, PLEASE CONTACT:

THOMAS J. KOWALSKI, Partner

212.692.1025 | tjkowalski@duanemorris.com

BRANDON A. CHAN, PH.D., Senior Associate

212.471.1868 | bachan@duanemorris.com

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