SUMMARY

Corteva, Inc. is a publicly traded, global pure-play agriculture company that combines industry-leading innovation, high-touch customer engagement and operational execution to profitably deliver solutions for the world's most pressing agriculture challenges. Corteva generates advantaged market preference through its unique distribution strategy, together with its balanced and globally diverse mix of seed, crop protection, and digital products and services. With some of the most recognized brands in agriculture and a technology pipeline well positioned to drive growth, the company is committed to maximizing productivity for farmers, while working with stakeholders throughout the food system as it fulfills its promise to enrich the lives of those who produce and those who consume, ensuring progress for generations to come. More information can be found at www.corteva.com.

Corteva Agriscience Australia Pty Ltd, member of Corteva Agriscience group of companies, and its affiliated companies (herein referred to collectively as Corteva), is submitting this application to FSANZ to vary the Code to approve food uses of insect-resistant soybean (*Glycine max* [L.] Merrill) event COR-23134-4 (referred to as COR23134 soybean), a new food produced using gene technology.

COR23134 soybean was genetically modified to expresses the Cry1B.34.1, Cry1B.61.1, and IPD083Cb proteins for control of certain susceptible lepidopteran pests, and the GM-HRA protein that was used as a selectable marker. The GM-HRA protein present in COR23134 soybean is found in the approved soybean event DP-3Ø5423-1, which was subject to the A1018 application in 2009.

This application presents information supporting the safety and nutritional comparability of COR23134 soybean to conventional soybean. The molecular characterization analyses conducted on COR23134 soybean demonstrated that the introduced genes are integrated at a single locus, stably inherited across multiple generations, and segregate according to Mendel's law of genetics. The allergenic and toxic potential of the Cry1B.34.1, Cry1B.61.1, IPD083Cb, and GM-HRA proteins were evaluated, and these proteins were found unlikely to be allergenic or toxic to humans. A compositional comparability assessment demonstrated that the nutrient composition of COR23134 soybean forage and grain is comparable to that of conventional soybean, represented by non-genetically modified (non-GM) near-isoline soybean and non-GM commercial soybean.

Overall, data and information contained herein support the conclusion that COR23134 soybean, containing the Cry1B.34.1, Cry1B.61.1, IPD083Cb, and GM-HRA proteins, is as safe and nutritious as non-GM soybean.