

March 27<sup>th</sup>, 2018

## **GMO Statement**

### **Citric acid blender products**

Citric acid blender products offered for sale by Greenfield Global are formulated solely with ethyl alcohol, citric acid, and water.

The citric acid purchased by Greenfield Global for use in the formulation of citric acid blender is derived from corn and is traceable as non-GMO and compliant with European Union and United States regulations.

The ethyl alcohol used in the formulation of citric acid blender products is manufactured at Greenfield Global facilities and is derived from corn.

During the manufacturing process, the corn starch is converted to sugars using enzymes, following which yeast consumes the sugars and converts them to ethyl alcohol during fermentation. The alcohol is then purified through a series of distillation steps.

Any corn residues remaining after fermentation are removed from the alcohol during distillation.

No additives, flavourings, or further ingredients that are derived from genetically modified organisms are added to the final alcohol product.

No DNA or protein, genetically modified or otherwise, is present in the final alcohol product, beyond the guaranteed non-volatile residue limit of 0.002g/100mL.

Greenfield Global's corn purchasing policy and corn purchasing contracts state the only corn varieties which are non-GMO or are EU approved GMO strains will be purchased for our Chatham and Tiverton plants, for the manufacture of industrial and beverage grades of ethyl alcohol.

Greenfield Global expects their corn suppliers delivering corn to the Chatham and Tiverton plants to deliver only corn having no EU regulatory, sales, or usage restrictions. Strains of corn not approved by the EU are not approved for use at our Chatham and Tiverton plants, and will not knowingly be accepted for purchase by Greenfield Global.

The Canadian Seed Trade Association (CSTA) collects available data on corn hybrids marketed in Canada. The most up-to-date listing can be found at <https://secure.bestlane.com/csta/hybrid/grid.php>. The listing includes whether the strain is EU approved, approved strains are acceptable for use at our Chatham and Tiverton facilities.

Note that all hybrids may be delivered for use at the Greenfield Global Varennes and Johnstown plants strictly for conversion to fuel grade ethyl alcohol, which does not enter the industrial and beverage grade product streams.



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