

Information Sheet: BioAg Products for Organic Production

All products listed below are manufactured by Novozymes, who remains solely responsible for the content of this letter.

The following information covers products sold in Canada.

Canada

The following product has been reviewed by the Organic Materials Review Institute and is OMRI Listed in Canada as aligned with the Canada Organic Regime (COR) standards:

- Nitragin® Gold Pre-Inoculant Nitrogen-Fixing Bacteria for Alfalfa & Sweet Clover Seed

In addition, we provide the following information to help you and your certifier determine the suitability of our inoculants for organic production:

- Our peat inoculant products, namely Cell-Tech® peat and TagTeam® peat, are formulated with sterilized milled peat. Natural peat may contain human and plant pathogens. If present, these pathogens can grow and compete with rhizobia, especially when nutrients are added. In order to provide our customers with high performance peat inoculants that are safe to use, our peat is pre-sterilized using gamma and/or electron beam irradiation. In 2001, a major international certifying body made amendments to their standards to allow for the use of inoculants containing gamma irradiated peat. Other certifying bodies have followed suit. Check with your local chapter or certifying body to confirm their position on pre-sterilized inoculants before use
- We do not use corn-based stickers in our peat inoculant formulations. We do, however, use a corn-based ingredient in our TagTeam® liquid soybean, TagTeam® liquid pea/lentil and Cell-Tech® liquid pea/lentil inoculants. These are the only inoculants to be sold in Canada in 2019 that contain any type of corn based ingredient.
- JumpStart®, as well as the Wettable powder component in TagTeam® liquid contains an ingredient that may not be allowed in organic production.
- *Penicillium bilaiae* (*P. bilaiae*), the active ingredient in JumpStart® is processed using a material that has been sterilized by irradiation but such material is not present in the final product.

- Optimize[®]/Optimize[®] ST and TagTeam[®] LCO products contain an ingredient that may not be allowed in organic production.
- Liquid formulations are manufactured in a way that does not require irradiation for pre-sterilization. Steam and/or filter sterilization is used to sterilize liquid formulations. However, the bags that are used to ship/store liquid inoculants are sterilized using irradiation prior to use.
- TagTeam[®] and Cell-Tech[®] granular inoculants are peat based. The granulated peat carrier is not sterilized using gamma irradiation or electron beam methods.
- No Novozymes BioAg inoculant products contain sludge or waste derived products.

If you need more information or have questions about our products, contact Novozymes at 1-888-744-5662.

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