



## Statement of Compliance for IFOAM Regulations by Perfect Blend, LLC.

Statements of Perfect Blend, LLC concerning fertilizers manufactured under the labels of Perfect Blend Organics and Perfect Blend, LLC registered with the WSDA under the NOP criteria developed by the United States Department of Agriculture are as follows:

Perfect Blend meets or exceeds all IFOAM Standards under Section 4 Crop Production, specifically standards as specified under Section 4.4 Fertilization Policy.

Perfect Blend meets or exceeds all IFOAM Standards as detailed under Section 4.4.4 to include Appendix 1 – Products for use in Fertilization and Soil Conditioning.

Perfect Blend meets or exceeds all IFOAM Standards as detailed under Appendix 3 – Criteria To Evaluate Additional Inputs to Organic Fertilizer.

### General

The ingredients in Perfect Blend 100% NOP organic fertilizers are of plant or animal origin which have undergone a multiple of physical production processes.

### Necessity

The ingredients in Perfect Blend have been scientifically balanced to provide for a complete bacterial transformation of the fertilizer into complex fulvic and humic acid molecular structures in the soil.

### Nature of Production – Way of Production

The production processes which Perfect Blend 100% NOP organic fertilizers have undergone include:

- High speed sterilization by thrashing – mechanical
- Homogenization – mechanical
- Hydrolyzation – chemical using IFOAM approved organic chemical reactants
- Chelation – chemical using IFOAM approved organic chemical reactants
- pH Balanced – chemical using IFOAM approved organic chemical reactants
- Agglomerated into granules – mechanical
- Low temperature slow drying – mechanical

### Environmental Contamination

The use of Perfect Blend fertilizers does not result in, or contribute to, unacceptable effects, or contamination of the environment, including soil organisms.

### Safety of Final Organic Product

The use of Perfect Blend fertilizers has no unacceptable effect on the quality and safety of the final product.

### Input Necessity

Each input used in Perfect Blend fertilizers is necessary for the production of complex fulvic and humic acid molecular structures in the soil.

### Renewal Product

The base feedstock of the Perfect Blend fertilizer is the result of feeding egg laying chickens and as such is a renewable product.

### Habitat Stability

The collection of the raw materials comprising the input materials for Perfect Blend fertilizers does not affect the stability of the natural habitat nor affect the maintenance of any species within the fertilized area.

### Human Health and Quality

Perfect Blend fertilizers are pathogen free, testing N/D for common human pathogens and is not harmful to human health.

### Product Quality

Perfect Blend fertilizers do not have negative effects on the quality of the product. Testing indicates that Perfect Blend actually has a positive effect on the quality of the product by increasing the levels of soluble minerals and soluble sugars in the plants fertilized with Perfect blend.



### **Environmental Safety**

Perfect Blend fertilizers are not harmful, nor do they have a lasting negative impact on the environment. At no time during the application, break-down, or absorption stages of use are Perfect Blend fertilizers harmful to the surface or ground water, air, or soil.

### **Degradability**

All ingredients used in Perfect Blend fertilizers are degradable to CO<sub>2</sub>, H<sub>2</sub>O, or into beneficial soil minerals and carbon.

### **Toxicity**

Perfect Blend fertilizers have not been observed to be toxic to plants except in situations where plants are greatly over-fertilized by factors of 4 to 5 times the recommended application rates and in situations where the roots of new plants are virtually surrounded by fertilizer. Perfect Blend fertilizers are not potting soils, but are soil fertilizers and amendments.

Perfect Blend fertilizers are generally considered non-toxic in the case of ingestion of small quantities for humans and animals. No restrictions exist on the application of Perfect Blend with the exception of Boron. Applications where there are toxic levels of existing boron should not use Perfect Blend fertilizers which contain very low amounts of boron. Boron is a trace mineral, required for healthy plant growth. Boron is deliberately added to Perfect Blend fertilizers as a trace mineral along with other trace minerals.

### **Long Term Chronic Toxicity**

There are no identified situations of long term chronic toxicity associated with Perfect Blend fertilizers.

### **Chemically Synthesized Products and Heavy Metals**

Perfect Blend contains no harmful amounts of man made chemicals. OMRI approved trace minerals are used as trace mineral additives. No xenobiotic products are used in Perfect Blend fertilizers.

The levels of heavy metals in Perfect Blend fertilizers is very low and much lower than WSDA and USDA maximum guidelines for heavy metals in fertilizers.

As allowed under the IFOAM allowance for copper, 0.05% chelated copper is added to Perfect Blend fertilizers.

### **Human Health**

Perfect Blend fertilizers are considered pathogen free as shown by repeated independent laboratory testing resulting in Non-detect readings for tests for fecal coli form and salmonella bacteria.

Properly stored Perfect Blend fertilizers do not attract known disease vectors such as rodents, insects, or birds. Perfect Blend fertilizers are not known to be typically attractive as a food source to any mammal.

### **Product Quality**

Perfect Blend has no known negative cause as to the quality of any product grown with Perfect Blend. Perfect Blend fertilizers do increase soluble sugars and mineral content of the plants fertilized with Perfect Blend, which is considered by most to be a positive impact on product quality, product shelf-life, and product taste.

### **Ethical Aspects – Animal Welfare**

Perfect Blend feedstock comes from layer chickens housed in sanitary conditions at cage concentrations which allows sanitary holding. No barn-yard manure is used in the production of Perfect Blend fertilizers. No hormones, growth antibiotics, or arsenic based intestinal parasite treatments are provided to the chickens which provide the feedstock manure for Perfect Blend fertilizers.