



Starch-Based Superabsorbent  
For Retention of Soil Moisture

ZEB A<sup>®</sup> LF<sup>™</sup>

Specially formulated for  
use with liquid fertilizers.

Absorbent Technologies, Inc.  
8705 SW Nimbus Avenue, Beaverton, OR 97008 U.S.A.

Net WT 40 lbs. (18.1 kg)



ZEB A<sup>®</sup> LF<sup>™</sup>

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

**CONTAINS NON-PLANT FOOD INGREDIENT**

**CONTENT ANALYSIS**

Active ingredient: 88% Starch-g-poly  
(2-propanamide-co-2-propenoic acid) potassium  
salt  
Inert ingredient: 12% Water

**CAUTION:** Powdered material may form explosive  
dust-air mixture. Use in well ventilated areas.  
For emergency transportation information call  
Chemtrek at 800-424-9300.

**GENERAL INFORMATION**

Zeba<sup>®</sup> brand is a biodegradable, non-toxic,  
starch-based superabsorbent polymer. It is designed  
to rapidly absorb and maintain moisture in the root  
zone, releasing moisture to plants as needed.

**STORAGE INSTRUCTIONS**

Zeba can be stored and shipped in fiberboard,  
plastic container, or poly-lined bag. Maintain  
product under dry storage conditions.

**USE DIRECTIONS**

**Crop and Site Uses:** Uses include but are not limited to  
the following crops. (See Zeba User Guide online or  
contact ATI for additional crop uses.)

**Turf (Athletic Fields and Golf Courses)**—Mix 1 pound  
Zeba LF in 1 gallon of 10-34-0 fertilizer per 1000  
square feet of turf. Inject the Zeba LF and fertilizer  
mixture under the soil surface with a spike wheel  
applicator or similar equipment.

**Small grains**—Mix 1 to 4 pounds of Zeba LF per acre  
in liquid fertilizer at planting in a minimum of 1  
gallon of fertilizer mixture per pound of Zeba LF.  
Zeba LF must be placed below the soil surface to be  
effective.

**Vegetables**—Mix 2 to 8 pounds of Zeba LF per acre in  
liquid fertilizer (typically 20 to 50 gallons per acre),  
apply preplant during bed shaping or sidedressed at  
planting and/or post-planting.

**Mixing guidelines:** Use of 30 mesh or coarser  
screens are recommended. Do not mix with  
fertilizers with a pH less than 5.0 nor greater than 8.0

**DO NOT ADD ZEB A LF DIRECTLY TO WATER. MIX WITH  
LIQUID FERTILIZER FIRST.** After mixing, water can be  
added to the fertilizer and Zeba LF mixture to  
achieve the desired application rates.

When mixing, add Zeba LF SLOWLY to the liquid  
fertilizer while maintaining constant agitation. Do  
not allow Zeba LF to build up on the surface or  
dumping may occur.

Zeba LF can be applied with a wide range of  
fertilizer rates (typically 5 to 100 gallons per acre);  
however, a minimum of 1 gallon of fertilizer per  
pound of Zeba LF is required.

Although Zeba LF is compatible with a wide range of  
fertilizer mixtures, check the compatibility of your  
specific mix by jar testing before making large  
batches. Contact ATI for other specific mixtures or  
applications.

**SPECIFIC FERTILIZER RECOMMENDATIONS:**

**Zeba LF and 10-34-0** Use a minimum of 1 gallon of  
10-34-0 per pound of Zeba LF powder. Constant  
agitation is required to maintain product mix. If left  
unagitated Zeba LF will tend to float to the surface. If  
this occurs agitate the mix until well blended before  
using.

**Zeba LF and Solution 32-0-0** Use a minimum of 6  
gallons of solution 32-0-0 per pound of Zeba LF  
powder. Maintain constant agitation until well  
mixed. Zeba LF and solution 32-0-0 blends can  
thicken over time. If this occurs simply add  
additional solution 32-0-0 to suit.

Please contact ATI or consult the Zeba User Guide for  
additional information on compatible fertilizer  
mixtures.

**CONDITIONS OF SALE AND WARRANTY**  
THE GOODS DELIVERED TO YOU ARE FURNISHED "AS

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metals in this product is available on the Internet at  
<http://www.aapfco.org/metals.htm>

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