



# BudBreak™

17-0-0

Dormant Applied Plant Nutrient

**READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT**

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) ..... 17.0%  
     5.6% Ammoniacal Nitrogen  
     11.4% Nitrate Nitrogen

Calcium (Ca)..... 8.8%  
 Derived from calcium nitrate and ammonium nitrate.  
 Contains 2.14 pounds nitrogen (N) per gallon.

exceed 20 gallons of First Choice BudBreak per acre.

**RESTRICTIONS:**

- Do not apply First Choice BudBreak on trees and vines that are under 3 years old or that are in poor nutritional health.
- Do not use First Choice BudBreak in combination with registered petroleum spray oils or Dormex® or within 30 days of using petroleum spray oils or Dormex.
- Applying First Choice BudBreak within the prescribed time period reduces risk of phytotoxicity and variable product performance.
- Avoid drift to neighboring sensitive crops.
- Do not use zinc or copper in combination with First Choice BudBreak.
- Do not use this product through any type of irrigation system.
- Users are advised that this product can promote early BudBreak and flowering. Growing buds and shoots are susceptible to frost and may be killed or damaged by freezing temperatures.
- Should treated crop leaf out during periods of adverse environmental conditions (soil temperatures <58° F), application of an additional foliar fertilizer is advised.
- First Choice BudBreak will not provide desired results unless minimum chilling hour requirements for specific crops are met. First Choice BudBreak is not a substitute for a lack of dormancy.

**WARNING**  
**Keep Out of Reach of Children**  
 May Cause Eye and Skin Irritation

**USER SAFETY RECOMMENDATIONS**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**GENERAL USE DIRECTIONS**

First Choice BudBreak is a nitrogenous compound that promotes more uniform BudBreak on grapes, cherries and apples. Applying First Choice BudBreak within the prescribed time period reduces risk of phytotoxicity and variable product performance. Users are advised that this product promotes early BudBreak and flowering. Growing buds and shoots are susceptible to frost and may be killed or damaged by freezing temperatures. Should treated crop leaf out during periods of adverse growing conditions (soil temperatures less than 58° F) application of a suitable foliar fertilizer is advised. Best results occur when applications are made after all pruning activities are completed. First Choice BudBreak is not a substitute for a lack of dormancy. First Choice BudBreak is a dormant applied plant nutrient designed to stimulate bud development only when adequate chilling hour requirements for specific crops have been met.

**SUGGESTED APPLICATION RATES AND TIMING**

**APPLES AND CHERRIES:** To promote uniform bloom and fruit set in apples and cherries, apply 6-35 gallons First Choice BudBreak per 100 gallons of spray solution (6 – 35% v/v spray solution). Make applications 30 to 60 days before BudBreak. Rate and timing of application should be adjusted to chill hours accumulated and days before BudBreak.

Since compressed bloom can occur with the use of this product, users are advised to have hives in orchards prior to initiation of bloom to insure adequate pollination. First Choice BudBreak is not a substitute for chilling hours and the desired uniformity in bloom and fruit set will not occur with this product unless minimum chill hours are met.

**For use with First Choice BREAK-THRU®:** Apply a maximum of 20 gallons First Choice BudBreak per acre with First Choice BREAK-THRU at a rate of 5 to 6 ounces per 100 gallons of water. Apply as directed spray in volumes not to exceed 200 gallons per acre. Uniform coverage of bud material is required for good performance.

**For Use with NON Penetrant Non-Ionic Surfactants such as First Choice No Foam A®:** Apply 25 to 35 gallons of First Choice BudBreak plus up to a maximum of 6 ounces of a non ionic surfactant per 100 gallons of spray solution. Apply as a directed spray in volumes not to exceed 200 gallons per acre.

**GRAPES (NON-DESERT AREAS)** For use in the San Joaquin Valley, North Coast and Central Coast grape growing areas to promote uniform bloom and fruit set, apply 6-10 gallons of First Choice BudBreak plus 5-6 ounces of First Choice BREAK-THRU per 100 gallons of spray solution (6-10% spray solution). Apply to dormant vines not closer than 30 days prior to anticipated BudBreak. Rate and timing should be adjusted to chill hours accumulated and days before BudBreak. Apply as a direct spray in volumes not to exceed 200 gallons spray per acre. Do not

**DIRECTIONS FOR MIXING**

Order of mixing should be First Choice BudBreak first, then agitate spray mixture and finally add prescribed amount of non-ionic surfactant/penetrant.

For Agricultural Use Only

In Case of an Emergency Call: Chemtrec (800) 424-9300.

**CONDITIONS OF SALE**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to, damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

NET CONTENTS: \_\_\_\_ GALLONS (\_\_\_\_ LITERS)  
 12.6 lbs./gallon( \_\_\_\_ kgs./liter)

Manufactured By:

Western Farm Service, Inc.  
 P.O. Box 1168  
 Fresno, CA 93715

First Choice is a registered trademark of Western Farm Service, Inc.

BudBreak is a trademark of Western Farm Service, Inc.

BREAK -THRU is a registered trademark of Goldschmidt Chemical Co.

No Foam A is a registered trademark of C.M.R.

Dormex is a registered trademark of SKW