



# E-Z MIXIN® “+” USER GUIDE



E-Z MIXIN® - “CST+” (EZMP-CST)

E-Z MIXIN® - “OF+” (EZMP-OF)

E-Z MIXIN® - “BF+” (EZMP-BF)

**E-Z MIXIN® “+” Semen Extenders** are inexpensive, easy to prepare, and can be utilized under a variety of conditions. When used appropriately, they will enhance the fertility of most stallions. Each lot is subjected to rigorous quality control to ensure a superior product.

**E-Z MIXIN® “+” Semen Extenders** consist of three components that are mixed by the user prior to use. Component A is a plastic bottle containing demineralized, deionized, purified water. Component B is a hermetically-sealed aluminum foil-lined packet containing the dry powdered formula. Component C is a pull-apart capsule containing the additional antibiotic Potassium G Penicillin.

### *Choice of formulas:*

E-Z Mixin® - “CST+” formula contains the antibiotic Amikacin and is recommended for cooled semen programs where semen is stored for extended periods and/or transported.

EZ-Mixin® - “OF+” is our original formula containing the antibiotic Polymyxin B Sulfate. It is recommended for immediate on farm use.

EZ-Mixin® - “BF+” is our basic formula and contains no other antibiotics.

### *Storage Instructions:*

1. Immediately upon receipt, it is recommended that Component A (water) be stored in a refrigerator until needed. For maximum storage life and maintenance of quality, Component B (dry powder) should be stored in a freezer at -20°C (-4°F). Keep all Components out of reach of children and animals.
2. Do not mix Components until immediately before use.
3. Do not expose the product to elevated temperatures or sunlight.
4. For best results, use the extender within 6 months of ordering.

### *Preparation for Use:*

The water (Component A) should be warmed to body temperature (37°C or 98.6°F) before the dry ingredients are added.

Warm Component A to body temperature by placing the bottle in an incubator for several hours, or in a water bath for 15 minutes. Allow Component A to reach body temperature (37°C or 98.6°F) before use.

**CAUTION:** Warming or heating the extender above body temperature (37°C or 98.6°F) can cause clumping or coagulation,

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resulting in an inferior product that should be discarded.

**WARNING:** EE-Z MIXIN® “+” Semen Extenders contain Potassium G Penicillin. Please refer to the Material Safety Data Sheet for handling information.

### ***Mixing Instructions:***

1. Add Component C (Penicillin) to Component A (water) by carefully pulling apart the capsule and pouring the powder into the bottle. Discard the capsule.

*NOTE:* Before opening capsule, move contents to the longer side of the capsule by gently tapping it.

2. Add Component B (dry ingredients) to the Component A mixture. Close bottle and shake to mix. The extender is now ready for use.
3. Discard any extender that is not used that day.

### ***Alternate Mixing Instructions:***

All components may be mixed at room temperature (see mixing instructions), and may be placed into a water bath (37°C or 98.6°F) until the extender reaches body temperature.

### ***Additional Suggestions & Comments For Best Results:***

All components should be examined prior to mixing to insure that the product has not been exposed to unfavorable conditions.

If the water level is below the top of the lettering “TWO WAY EQUINE” on the bottle of Component A, the mixture will not conform to the proper ratio and should not be used.

If the powdered materials in Component B are clumped, will not break up easily and do not pour freely, have a deep yellow or brown color, a cooked or sour milk odor, will not mix easily with Component A, do not remain in suspension or have a grainy appearance when mixed, or, if the spermatozoa show signs of rapidly diminishing motility, the material should be discarded.

**E-Z MIXIN® Semen Extenders** are sold by the Animal Reproduction Systems division of Dupree, Inc. under exclusive agreement with the Colorado State University Animal Reproduction and Biotechnology Laboratory. All **E-Z MIXIN® “+” Semen Extender** formulas have been evaluated by the Colorado State University Animal Reproduction and Biotechnology Laboratory.

### **LIMITED LIABILITY STATEMENT**

DUPREE, INC., a corporation (“SELLER” or “DUPREE”), warrants to the original purchaser only that the products sold by its Animal Reproduction Systems Division shall be free from defects in material and/or workmanship WHEN DELIVERED BUT NOT THEREAFTER. The purchaser must examine such products immediately upon receipt thereof and determine whether the same conform to the description thereof as set forth in the product data sheet accompanying this Limited Warranty Statement. If any such product does not conform to any of the data sheet descriptive criteria provided by SELLER with this statement, or if any such product appears to be defective in any respect, such product shall be immediately returned to SELLER for replacement and/or repairs as appropriate to the product. Such inspection and return of any allegedly defective product shall be made within five (5) days from the date of delivery thereof to the original purchaser and, if not so returned, this WARRANTY shall be void and of no effect whatsoever. Any allegedly defective product returned for repair or replacement within said five day period will be repaired or replaced and reshipped to the original purchaser within ten (10) days after return of the defective product to SELLER.

The restrictive and limited nature of SELLER’S warranty obligations as herein set forth is required by reason of the character of the products and the circumstances and conditions under which the same are likely to be used. The warranty obligations of SELLER shall be limited to repair or replacement of any allegedly defective product as set forth above and

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