



E-Z MIXIN[®] “BFT” USER GUIDE

Equine Semen Extender



E-Z MIXIN[®] “BFT” Semen Extender is inexpensive, easy to prepare, and is recommended for cooled, stored, and/or transported semen. When used appropriately, it will enhance the fertility of most stallions. Each lot is subjected to rigorous quality control to ensure a superior product.

E-Z MIXIN[®] “BFT” Semen Extender consist of three components that are mixed 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 antibiotic Ticarcillin Disodium, which has been proven effective in controlling bacterial growth in stallion semen.

E-Z MIXIN[®] “BFT” Semen Extender is recommended for stallions that have problems shipping in Amikacin based extenders.

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 ingredients) 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:

Component A (water) should be warmed to body temperature (37°C or 98.6°F) before the dry ingredients are added. Warm by placing Component A (water) in a thermoregulated water bath (P/N 586A-201) for 15 minutes or in an incubator for several hours.

CAUTION: Warming or heating the extender above body temperature (37°C or 98.6°F) can cause clumping or coagulation, resulting in an inferior product that should be discarded.

WARNING: E-Z MIXIN[®] “BFT” Semen Extender contains Ticarcillin Disodium. Please refer to the Material Safety Data Sheet for handling information.

ARS[®]

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Mixing Instructions:

1. Add Component C (Ticarcillin Disodium) 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 the contents to the clear section of the capsule by gently tapping the side.

2. Add Component B (dry ingredients) to the component A (water) mixture. To decrease the likelihood of spilling the dry powder, fold a crease vertically near the center of the foil bag. Pour the powder from this crease into the bottle slowly, tapping the bag gently.
3. Close bottle and shake to mix. The extender is now ready for use.
4. 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 (water), 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.

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