



Safety and Application Guide

2024

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***BF₄*TM Kelp Fertilizer and *BF₄*TM Manure Fertilizer
SAFETY and APPLICATION RATES**

KEEP OUT OF REACH OF CHILDREN

**CAUTION
FIRST AID**

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses if present, after the first five minutes, then continue rinsing eyes.
- **Call a poison control center or doctor for treatment advice.**

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

HOTLINE NUMBER: in case of emergency call 985-352-7870.
Read additional precautionary statements found inside the booklet.

PRECAUTIONARY STATEMENTS
Hazards to humans and domestic animals

CAUTION

- Causes eye irritation.
- Harmful if absorbed through skin.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.
- Remove and wash contaminated clothing before reuse.
- Wear the Personal Protective Equipment (PPE)

Personal Protective Equipment:

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- chemical resistant gloves

Follow PPE manufacturer's instructions for cleaning and maintaining PPE. If no instructions for washables, use detergent and hot water. Keep and wash PPE from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 - Remove clothing immediately if product gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
-

ENVIRONMENTAL HAZARDS

For terrestrial uses: do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash-water or rinsate.

DIRECTIONS FOR USE

Usage of this product must be consistent with the Application Guideline and with the product label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR part 170. This standard contains requirements for the protection of workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural products. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry area for 4 hours unless wearing appropriate PPE.

EXCEPTION: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Workers Protection Standard and that involves contact with anything that has been treated such as plant, soil, or water, is:

1. Long sleeved shirt and long pants
2. Shoes plus socks
3. Waterproof gloves

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural products. The WSP applies when this product is used to produce agricultural plants on farms, forest, nurseries, or in greenhouses.

- Keep unprotected persons or pets out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

1. **STORAGE:** Protect from freezing and store out of direct sunlight.
2. **DISPOSAL:** Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.
3. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Read the entire **Directions for Use and Condition of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product at once.

Test results have shown that this product can stimulate higher yields through a larger root system, earlier fruiting, increased fruit retention and improved resistance to environmental stress. **BF₄**TM is a means to increase plant efficiency.

GENERAL CHEMIGATION INSTRUCTIONS

- Apply this product only through sprinkler systems including center pivot, lateral move, side roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal product residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact a State Extension Service specialist, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for product application to a public water system unless the product label prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

- Public water system means a system for the provision to the public of piped water for human consumption if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of product introduction.
- As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to product introduction.
- There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The product injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
- The product injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

- The system must contain functional interlocking controls to automatically shut off the product injection pump when the pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where product distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with products and capable of being fitting with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- The product supply tank should be agitated throughout the application of **BF₄TM**. *Except for turf grass* **BF₄TM** should be applied at the end of the irrigation period in a sufficient amount of water to allow proper coverage of plant or crop but not to exceed 730ml of **BF₄TM** per hectare per application.
- Fill the supply tank half full of water, add the appropriate amount of **BF₄TM** to the tank and finish filling the tank with water.

SPRINKLER CHEMIGATION

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The product injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
- The product injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being with-drawn from the supply tank when the system is automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the product injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the product distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with products and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- The product supply tank should be agitated throughout the application of **BF₄TM**. *Except for turf grass* **BF₄TM** should be applied at the end of the irrigation period in a sufficient amount of water to allow proper coverage of plant or crop but not to exceed 730ml of **BF₄TM** per hectare per application.
- Fill the supply tank half full of water, add the appropriate amount of **BF₄TM** to the tank and finish filling the tank with water.

SPECIAL NOTE FOR ALL TRANSPLANTED CROPS

Two programs are recommended for this program.

- Dip or spray roots in a solution **BF₄TM** (8ml kelp fertilizer and 8ml manure fertilizer) per liter of water prior to transplanting.
- Bedding seedlings may be sprayed or drenched in flats 12 to 24 hours before transplanting to reduce shock with a solution **BF₄TM** (8ml kelp fertilizer and 8ml manure fertilizer) per liter of water.
- The foliar program should begin two weeks after transplanting. A combination of the transplant and foliar spray program is most effective.

FOLIAR SPRAY PROGRAM FOR VEGETABLE CROPS

BEANS AND PEAS	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when the first trifoliate is unfolded.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after first application.
3rd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at first bloom.

ASPARAGUS, BROCCOLI, CABBAGE, CANOLA, CELERY, LETTUCE, MINT, AND SPINACH	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when the fifth leaf begins to unfold.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after the first application.
3rd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after the second application.

CANTALOPE, CUCUMBER, MUSKMELON, WATERMELON, HONEYDEW, OKRA, AND SQUASH	
1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when the third leaf begins to unfold.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after the first application.
3rd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after the second application.

EGGPLANT, PEPPERS, AND TOMATOES	
1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when plants have 3 true leaves.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at pre-bloom stage.
3rd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at fruit set.

SWEET CORN AND POPCORN	
1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when plants are at the 4-6 leaf stage.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at 8-10 leaf stage.
3rd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare just prior to tasseling (optional).

RED OR WHITE POTATOES:

Apply according to one of the following schedules:

1. To increase tuber size number and promote better rooting	
1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at tuber initiation.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare 3 weeks after first application.

2. To enhance tuber size and uniformity

1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at tuber initiation.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at onset of tuber bulking.

CARROTS, PARSLEY, RADISHES, AND TURNIPS

1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when the plants have 3 true leaves.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare 2 weeks after first application.
3rd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare 2 weeks after the second application.

SWEET POTATOES AND YAMS

1st Application	apply solution of BF₄™ (22ml kelp fertilizer and 22ml manure fertilizer) per hectare on a band just wide enough to cover all the plants seven to fourteen days after transplanting.
2nd Application	apply solution of BF₄™ (36ml kelp fertilizer and 36ml manure fertilizer) per hectare in a band as above at 28 days after transplanting.
3rd Application	apply solution of BF₄™ (7ml kelp fertilizer and 7ml manure fertilizer) per hectare per week along with a foliar fertilizer such 15-5-5 at the rate of 2.3 liters per hectare. Continue this program. On a weekly basis until potatoes have desirable harvest size.

FOLIAR SPRAY FOR FRUIT CROPS

CITRUS (GRAPEFRUIT, LEMON, LIME, AND ORANGE)

1st Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at first bloom.
2nd Application	apply solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare 2 to 3 weeks after first application. Additional applications solution of BF₄™ (585ml kelp fertilizer and 585ml manure fertilizer) per hectare may be applied if there is an extended bloom period.

POME (APPLE, MAYHAW)	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare shortly prior to or at first bloom.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks after first application.

STONE (PEACH)	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to or at first bloom.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks after first application.

STRAWBERRIES AND TABLE GRAPES	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare shortly prior to or at first bloom.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks after first application.

BANANAS	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to or at first bloom.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare per hectare two to three weeks after first application.

GUAVA AND PAPAYA	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to or at first bloom.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks after first application.

FOLIAR SPRAY PROGRAM FOR FIELD CROPS

COTTON – Non- Transgenic Varieties

Apply according to *one* of the following schedules:

Schedule A	
1st Application	<p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per 23kg of seed in the hopper box.</p> <p style="text-align: center;">OR</p> <p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare in the seed furrow at planting.</p>
2nd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the pinhead square stage. This can be applied in a tank mix of 292ml per hectare mepiquat chloride.
3rd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at early bloom.

Schedule B	
1st Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare on a band at the 3 to 7 leaf stage.
2nd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at pinhead square stage. This can be applied in a tank mix of 292ml per hectare of mepiquat chloride.
3rd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at early bloom.

COTTON – Transgenic Varieties:

(Cotton varieties that have been genetically manipulated to have insect-resistance and/or herbicide resistance built in)	
1st Application	<p>Use according to one of the following methods:</p> <p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per 23kg of seed in the hopper box.</p> <p style="text-align: center;">OR</p> <p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare in the seed furrow at planting.</p>

2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at pinhead square. This can be applied in a tank mix that has 585ml per hectare of mepiquat chloride.
3rd Application	Repeat the above application at first bloom. If needed for vegetative growth control, repeat the above application at mid bloom.

*Higher rates and/or late season applications may be warranted under high stress conditions where square and/or boll retention is needed. During the bloom and post bloom period, additional applications or higher rates of **BF₄TM** may be applied but do not exceed a total of 1,754ml per hectare per season.*

FIELD CORN:

BF₄TM works best on varieties that have a tendency for multiple earing.	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare in furrow at planting.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the 3-4 leaf stage.
3rd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the 8-11 leaf stage.

GRAIN SORGHUM	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the 3-5 leaf stage.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare after the 8th but before the 12th leaf stage.

PEANUTS	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the 3-5 leaf stage.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at early flowering.
3rd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at initial pegging.

SOYBEANS:

Apply to foliage according to *one* of the following recommended schedules.

Schedule A	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the 3-5 trifoliolate leaf stage.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to bloom.

OR

Schedule B	
If the first application is missed apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to bloom.	

SUGARBEETS	
1st Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare after thinning.
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks after first application.

SUGARCANE	
1st Application	<p>USE ONE OF THE FOLLOWING METHODS:</p> <p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare in the furrow at planting.</p> <p>OR</p> <p>apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at 2-3 leaf stage.</p>
2nd Application	apply solution of BF₄TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare one month after 1 st application.

ALFALFA, BARLEY, OATS, RYE, AND WHEAT

Apply according to *one* of the following Schedules:

Schedule A	
1st Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare prior to jointing.
2nd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the flag leaf stage.

OR

Schedule B	
If the first application is missed in schedule A, apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at the flag leaf stage.	

FLAX	
1st Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when the plant is 5 to 10cm tall.
2nd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks later.

SUNFLOWERS	
1st Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at 4 true leaves.
2nd Application	apply solution of BF₄ TM (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two to three weeks later.

FOLIAR SPRAY PROGRAM FOR RICE

A solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare should be applied as a foliar spray to the plant *during either one* of the following stages of development.

PRIMARY RECOMMENDATIONS – 3 to 7 LEAF STAGE:

This application must be made after the rice seedling has 3 fully emerged leaves and the fourth leaf is beginning to emerge but before the seedling has completed development of 7 leaves or 3 tillers. This period for application generally begins 3 to 6 weeks after seeding and ends 5 to 9 weeks after seeding. The duration of this period depends on the variety and the growing conditions. This application may be made in conjunction with corresponding herbicide application.

ALTERNATE RECOMMENDATION – TWO MILLIMETER (mm) PANICLE GROWTH STAGE:

If the primary application is missed, a solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare can be applied to stimulate cell differentiation in the developing panicle. This application must be made when no more than 10% of the main culms are at the 2mm panicle growth stage. The 2mm panicle growth stage occurs immediately after internode elongation or joint movement has begun. **BF₄TM** must be applied as soon as internode elongation is detected so the 2mm panicle growth stage is not missed. It is better to apply slightly early than to apply late.

IMPORTANT: timing of the application at 2mm growth stage is critical. Check the entire field for the stage of plant development. Large fields may require split applications on upper and lower ends of the field to ensure proper timing throughout the field.

HAY and PASTURE

HAY

After first greening and fertilization, apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare; continue with a solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare after each cutting. You may mix **BF₄TM** with liquid fertilizer.

PASTURE

If unable to rotate cattle on a regular grazing schedule, you may use Schedule A:

- **Schedule A:**

Apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at sight of first greening and after fertilizing. Apply second and any additional applications of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare 90 days apart.

OR

- **Best Practices Application for Pasture:**

Apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare at first sight of first greening and after fertilizing. Apply second and any additional applications 28 days apart as a solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare. The total application should total 1757ml per hectare over an 84-day period.

- **Winter Grazing:**

Apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks after emergence. Apply a second application of solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare when spring growth begins after vernalization.

TURFGRASS

On all turfgrass regardless of type, use a solution of **BF₄TM** (177ml kelp fertilizer and 177ml manure fertilizer) per 93sqm per month.

WARM SEASON TURF

(Bermuda, Bermuda hybrids, Zoysia, Centipede, St. Augustine, etc.)

For lower traffic areas and where **BF₄TM** is used as a maintenance program, begin applications early in the growing season. Apply solution of **BF₄TM** (177ml kelp fertilizer and 177ml manure fertilizer) per 93sqm. Maintenance application should be made on a two-to-three-week schedule throughout the growing season. Application may be made with foliar-applied urea for added benefits.

COOL SEASON TURF

(Tall Fescue, Rye, Bentgrass, Bluegrass, etc.). Apply solution of **BF₄TM** (60ml kelp fertilizer and 60ml manure fertilizer) per 93 sqm in fall, or when a stand is established. Repeat application in late winter when grasses begin to grow actively.

APPLICATION WITH FOLIAR-APPLIED UREA

Maximum benefit and color can be achieved when **BF₄TM** applications are made with foliarly-applied urea solutions. To prepare urea solution, dissolve 46% urea into spray solution at the rate of 0.45kg per 465sqm to be sprayed and apply with the recommended rate of **BF₄TM**.

SPECIFIC RATES OF APPLICATION

TEES AND GREENS

Apply solution of **BF₄TM** (118ml kelp fertilizer and 115ml manure fertilizer) per 93sqm on a 2-week schedule throughout the growing season. Begin in early spring after grasses have begun to grow.

Sunbelt and transition zones should continue the spray program throughout playing season. Courses north of the transition zone should continue applications thru September.

FAIRWAYS

Begin applications in early spring as soon as grasses have begun to actively grow. Apply solution of **BF₄TM** (177ml kelp fertilizer and 177ml manure fertilizer) per 93 sqm and repeat on a monthly schedule as long as grass is growing.

PRE-TOURNAMENT QUICK GREEN UP

Apply solution of **BF₄TM** (118ml kelp fertilizer and 118ml manure fertilizer) per 93sqm in conjunction with urea solution 4 to 5 days before the tournament. Make an application with a minimum spray volume of 2 liters of water per 93sqm.

SPRING DORMANCY BREAK

Apply solution of **BF₄TM** (177ml kelp fertilizer and 177ml manure fertilizer) per 93 sq. meters in spring as soon as new growth (opening) is visible. Raking of thatch prior to making this application is most desirable. Application at this time generates rapid growth and often can reduce incidence of “spring die back” on certain species of grass.

FALL APPLICATION FOR WINTER HARDINESS

Make 2 applications 7-10 days apart in late summer or early fall just prior to cessation of normal active growth. Apply solution of **BF₄TM** (118ml kelp fertilizer and 118ml manure fertilizer) per

93sqm. Make an application with a spray volume of 2 liters of water per 93 sq. meters. Applications at this time will greatly increase root mass and depth of roots. Winter kill problems are often greatly reduced.

COMMERCIAL TURF, CEMETERIES, ATHLETIC FIELDS, GOLF COURSES, and OTHER FINE TURF

Applications solution of **BF₄TM** (118ml kelp fertilizer and 118ml manure fertilizer) per 93sqm made at any point during the growing season will produce desirable results. Make applications during the very early growth stages and continue monthly schedule throughout the growing season. Healthier and more beautiful turf can be realized in high traffic areas such as greens and tees by making regular applications every two weeks.

SOD FARMS

Apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare on a monthly basis during growing season. Two weeks prior to cutting sod apply solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare.

SPECIFIC RATES OF APPLICATION

After sod is cut, a re-establishment program is necessary. This program should start as soon as there is any greening over 30% of the area. Spray solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare. Repeat in two weeks, and thereafter, once per month throughout the growing season. Make a final application solution of **BF₄TM** (585ml kelp fertilizer and 585ml manure fertilizer) per hectare two weeks before dormancy.

Start the program again as soon as some green-up has started in the spring.

When species started from seed have reached 2.54cm of height, the monthly treatment may be started and followed in the same way as non-seeded varieties.

SPECIAL NOTE FOR ALL DIRECT SEEDED GRASSES

- Acting through its special combination of plant growth enhancers, **BF₄TM** is a ready to use seed dressing that aids in enhancing germination and early season root and top growth.
- A solution of **BF₄TM** (177ml kelp fertilizer and 177ml manure fertilizer) per 45kg of seed. Sufficient amounts of water should be added to ensure proper coverage. Improper coverage will minimize product performance.
- ALWAYS USE WITH A GOOD FERTILIZER PROGRAM **BF₄TM**.

CONDITIONS OF SALE AND WARRANTY

All statements concerning the use of this product apply only when used as directed. The directions for use of this product reflect the opinions based on field use and test and should be followed carefully. However, it is impossible to eliminate all risks associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of **BF₄TM**. All such risk shall be assumed by the Buyer.

BF₄TM warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Directions for Use subject to the inherent risks referred to above. **BF₄TM** or Agritein, L.L.C. makes no warranty express or implied, including, but not limited to Warranties of Fitness or Merchantability other than as stated in the preceding sentence.

In no case shall **BF₄TM** or Agritein, L.L.C., be liable for consequential, special, or indirect damages resulting from the use or handling of this product. The exclusive remedy of the user or buyer of this product, and the limit of liability of **BF₄TM** or Agritein, L.L.C., for any loss, damages, or injuries resulting from the use or handling of this product shall be the replacement of any nonconforming product or the refund of its purchase price as determined by **BF₄TM** or Agritein, L.L.C in its sole discretion.

BF₄TM and Agritein, LLC offer this product and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of **BF₄TM** or Agritein, L.L.C.