



Safety and Application Guide

2024

Table of Contents

Page	Contents
1.	First Aid / Precautionary Statements
2.	PPE / Safety Recommendations / Environmental Hazards / Agricultural Use
3.	Storage & Disposal
4.	General Chemigation Instructions
5.	Chemigation-Continued
6.	Sprinkler Chemigation
	Vegetable Crops
7.	Transplanted Crops, Beans, Peas, Asparagus, Broccoli, Cabbage, Canola, Celery, Lettuce, Mint, and Spinach
8.	Cantaloupes, Cucumber, Muskmelon, Watermelon, Honeydew, Okra, Squash, Eggplant, Peppers, Tomatoes, Sweet Corn, Popcorn, Red/White Potatoes
9.	Carrots, Parsley, Radishes, Turnips, Sweet Potatoes, Yams,; Citrus (Grapefruit, Lemon, Lime, and Orange)
10.	Pome (Apple & Mayhaw), Stone (Peach), Strawberries, Table Grapes, Bananas, Guava, and Papaya
	Field Crops
11.	Cotton
12.	Field Corn, Grain Sorghum, Peanuts,
13.	Soybeans, Sugarbeets, Sugarcane
14.	Alfalfa, Barley, Oats, Rye, Wheat, Flax, Sunflowers
15.	Rice
16.	Hay and Pasture / Turf
17.	Turf Continued
18.	Turf Continued
19.	Conditions of Sale and Warranty

***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 soiled 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 this Application Guide and with the product labeling. 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**[™] 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 10 fluid ounces of **BF₄TM** per acre 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 10 fluid ounces of **BF₄TM** per acre 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 **BF₄**TM (1oz kelp fertilizer and 1oz manure fertilizer) per gallon 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 **BF₄**TM (1oz kelp fertilizer and 1oz manure fertilizer) per gallon 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 BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre when the first trifoliolate is unfolded.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after first application.
3rd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at first bloom.

ASPARAGUS, BROCCOLI, CABBAGE, CANOLA, CELERY, LETTUCE, MINT, AND SPINACH	
1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre when the fifth leaf begins to unfold.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after the first application.
3rd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after the second application.

**CANTALOPE, CUCUMBER, MUSKMELON, WATERMELON, HONEYDEW, OKRA,
AND SQUASH**

1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre when the third leaf begins to unfold.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after the first application.
3rd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after the second application.

EGGPLANT, PEPPERS, AND TOMATOES

1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre when plants have 3 true leaves.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the pre-bloom stage.
3rd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at fruit set.

SWEET CORN AND POPCORN

1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre when plants are at the 4-6 leaf stage
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at 8-10 leaf stage
3rd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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 TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at tuber initiation.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre 3 weeks after first application.

2. To enhance tuber size and uniformity	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at tuber initiation.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at onset of tuber bulking.

CARROTS, PARSLEY, RADISHES, AND TURNIPS	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre when the plants have 3 true leaves.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 2 weeks after first application.
3rd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 2 weeks after the second application.

SWEET POTATOES AND YAMS	
1st Application	apply solution of BF₄ [™] (0.3oz kelp fertilizer and 0.3oz manure fertilizer) per acre on a band just wide enough to cover all the plants seven to fourteen days after transplanting.
2nd Application	apply solution of BF₄ [™] (0.5oz kelp fertilizer and 0.5oz manure fertilizer) per acre in a band as above at 28 days after transplanting.
3rd Application	apply solution of BF₄ [™] (0.1oz kelp fertilizer and 0.1oz manure fertilizer) per acre per week along with a foliar fertilizer such 15-5-5 at the rate of 32 fluid ounces per acre. 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 [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 2 to 3 weeks later. Additional applications of solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre may be applied if there is an extended bloom period.

POME (APPLE, MAYHAW)	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre shortly prior to or at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks after first application.

STONE (PEACH)	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to or at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks after first application.

STRAWBERRIES AND TABLE GRAPES	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre shortly prior to or at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks after first application.

BANANAS	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to or at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks after first application.

GUAVA AND PAPAYA	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to or at first bloom.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per 50 lbs. of seed in the hopper box. <i>OR</i> apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre in the seed furrow at planting.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the pinhead square stage. This can be applied in a tank mix that contains 4 ounces per acre of mepiquat chloride.
3rd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at early bloom.

Schedule B	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre on a band at the 3 to 7 leaf stage.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) at the pinhead square stage. This can be applied in a tank mix that has 4 ounces per acre of mepiquat chloride.
3rd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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	Use according to <i>one</i> of the following methods. Apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per 50 lbs. of seed in the hopper box. <i>OR</i> Apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre in the seed furrow at planting.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at pinhead square. This can be applied in a tank mix that has 8 ounces per acre 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 24 fluid ounces per acre per season.*

FIELD CORN:

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

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

PEANUTS	
1st Application	apply solution of BF₄TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the 3-5 leaf stage.
2nd Application	apply solution of BF₄TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at early flowering.
3rd Application	apply solution of BF₄TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at initial pegging.

SOYBEANS:

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

Schedule A	
1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the 3-5 trifoliolate leaf stage.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to bloom.

OR

Schedule B	
If the first application is missed, apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to bloom.	

SUGARBEETS	
1st Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre after thinning.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks after first application.

SUGARCANE	
1st Application	use <i>one</i> of the following methods: Apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre in the furrow at planting. <i>OR</i> Apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre at 2-3 leaf stage.
2nd Application	apply solution of BF₄ TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre one month after first application

ALFALFA, BARLEY, OATS, RYE, AND WHEAT:

Apply according to *one* of the following Schedules:

Schedule A	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre prior to jointing.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the flag leaf stage.

OR

Schedule B	
If the first application is missed in schedule A, apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at the flag leaf stage.	

FLAX	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre when plant is 2-4 inches tall.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks later.

SUNFLOWERS	
1st Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre at 4 true leaves.
2nd Application	apply solution of BF₄ [™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre two to three weeks later.

FOLIAR SPRAY PROGRAM FOR RICE

A solution of **BF₄**[™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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 **BF₄**[™] (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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. **BF₄**[™] 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 fertilizer apply solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre; continue with a solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre after each cutting. You may mix **BF₄TM** with liquid fertilizer.

PASTURE

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

- **Schedule A:**
 - Apply a solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre at sight of first greening and after fertilizing. Apply second and any additional applications of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre 90 days apart.

OR

- **Best Practices application schedule for pasture:**
 - Apply a solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre at sight of first greening and after fertilizing. Apply second and third application 28 days apart with a solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre. The total application should total 24 oz per acre over an 84-day period. (per grazing session)
- **Winter Grazing:**
 - Apply a solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre two weeks after emergence. Apply a second of solution of **BF₄TM** (8oz kelp fertilizer and 8oz manure fertilizer) per acre when spring growth begins after vernalization.

TURFGRASS

On all turfgrass regardless of type, use a solution **BF₄TM** (6oz of kelp fertilizer and 6oz of manure fertilizer) per 1000 square feet 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** (4oz kelp fertilizer and 4oz manure fertilizer) per 1000 square feet. 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** (2oz kelp fertilizer and 2oz manure fertilizer) per 1000 square feet 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 1.0 lb. per 5000 square feet to be sprayed and applied with the recommended rate of **BF₄TM**.

SPECIFIC RATES OF APPLICATION

TEES AND GREENS

Apply solution of **BF₄TM** (4oz kelp fertilizer and 4oz manure fertilizer) per 1000 square feet 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 the 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** (6oz kelp fertilizer and 6oz manure fertilizer) per 1000 square feet and repeat on a monthly schedule as long as grass is growing.

PRE-TOURNAMENT QUICK GREEN UP

Apply solution of **BF₄TM** (4oz kelp fertilizer and 4oz manure fertilizer) per 1000 square feet in conjunction with urea solution 4 to 5 days before the tournament. Make an application with a minimum spray volume of 0.50 gallon of water per 1000 square feet.

SPRING DORMANCY BREAK

Apply solution of **BF₄TM** (6oz kelp fertilizer and 6oz manure fertilizer) per 1000 square feet 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** (4oz kelp fertilizer and 4oz manure fertilizer) per 1000 square

feet. Make an application with a spray volume of 0.50 gallon of water per 1000 square feet. 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 **BF₄**TM (4oz kelp fertilizer and 4oz manure fertilizer) per 1000 square feet made at any point during the growing season will produce desirable results. Make applications during the very early growth stages and continue on a 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 **BF₄**TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre on a monthly basis during growing season. Two weeks prior to cutting sod apply solution of **BF₄**TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre.

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 with solution of **BF₄**TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre. Repeat in two weeks, and thereafter, once per month throughout the growing season. Make a final application of solution of **BF₄**TM (8oz kelp fertilizer and 8oz manure fertilizer) per acre 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 1 inch 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, **BF₄**TM is a ready to use seed dressing that aids in enhancing germination and early season root and top growth.
- A solution of **BF₄**TM (6oz kelp fertilizer and 6oz manure fertilizer) can be used per 100 lbs. of seed. Sufficient amounts of water should be added to ensure proper coverage. Improper coverage will minimize product performance.
- Always use a good fertilizer program in conjunction with **BF₄**TM.

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 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.