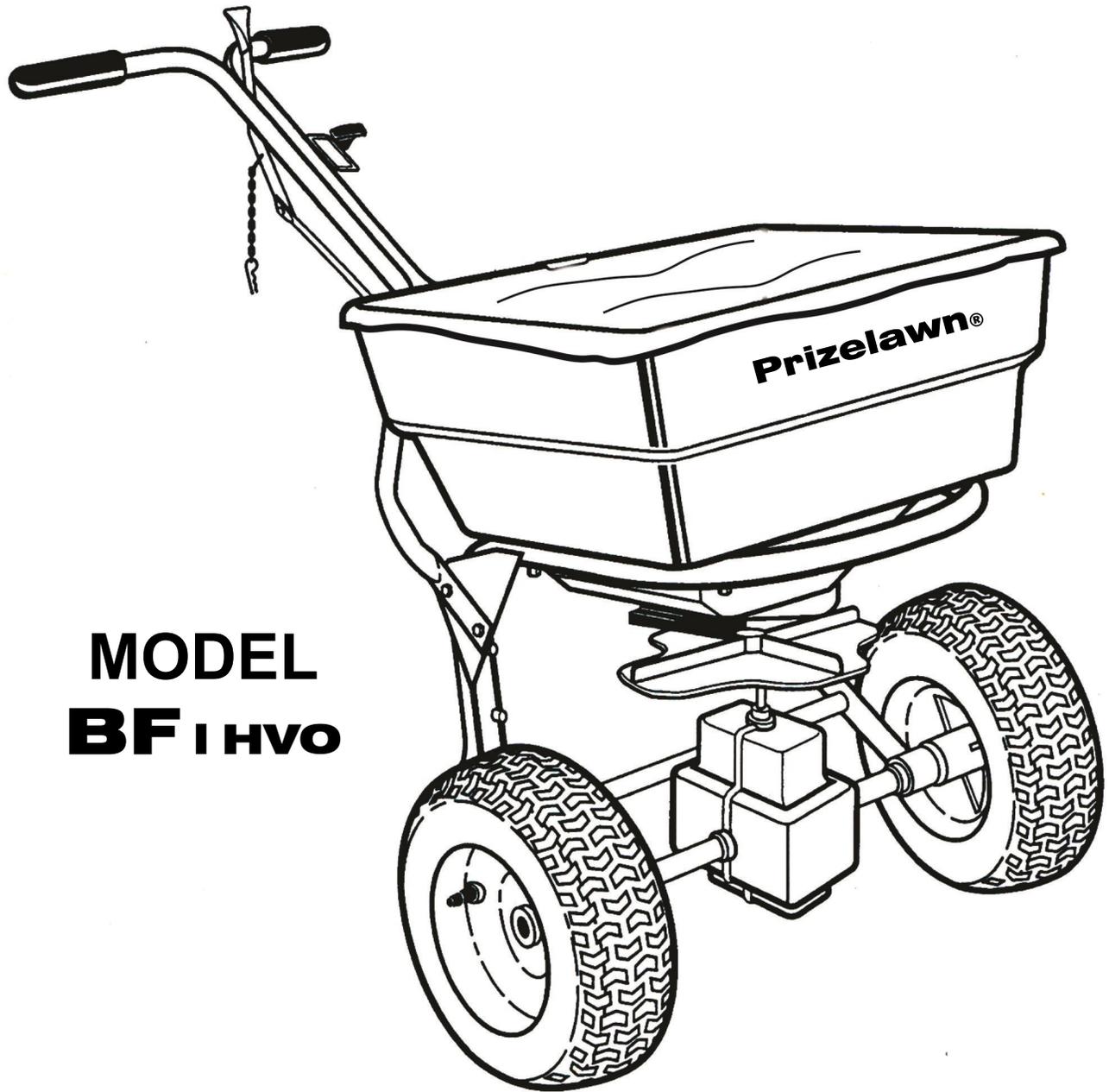


Prizelawn® BF1HVO

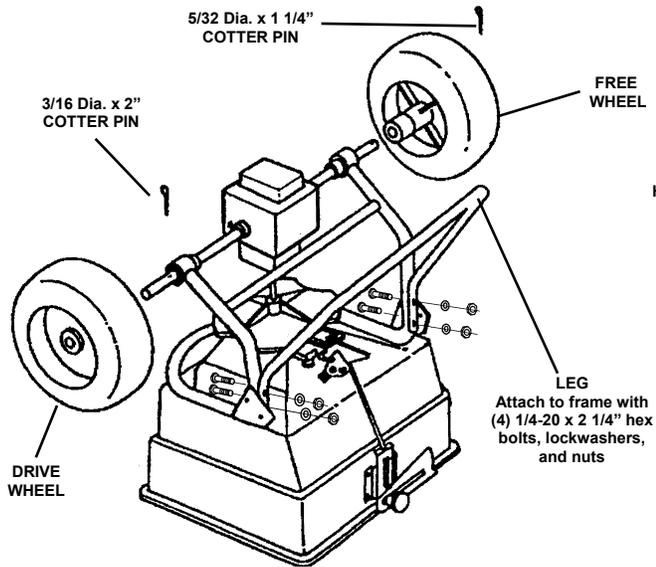
COMMERCIAL BROADCAST SPREADER



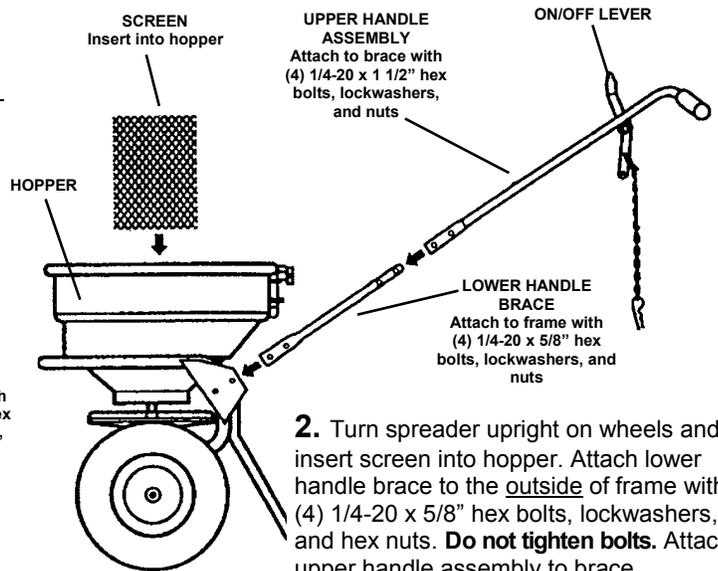
MODEL
BF1HVO

OWNER'S MANUAL

ASSEMBLY

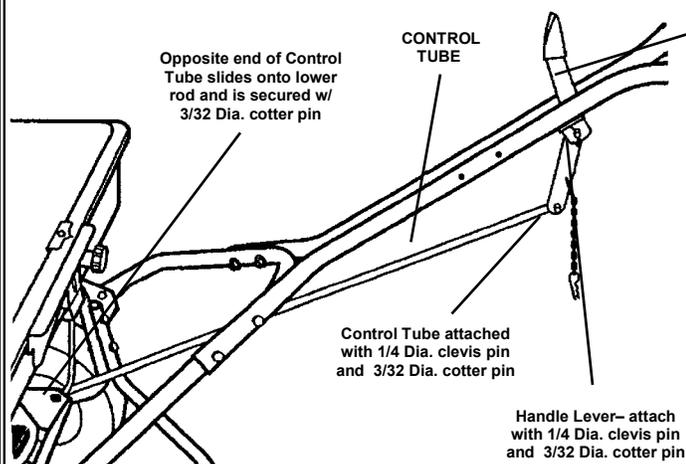


1. Remove spreader and components from carton and place spreader upside down. Slide drive and free wheels on axle as shown with the longer portion of wheel hub facing the frame. Secure free wheel with a 5/32 Dia. x 1 1/4" cotter pin. Secure drive wheel to axle with 3/16" Dia. x 2" cotter pin. Attach leg to frame using (4) 1/4-20 x 2 1/4" hex bolts, lockwashers, and nuts.

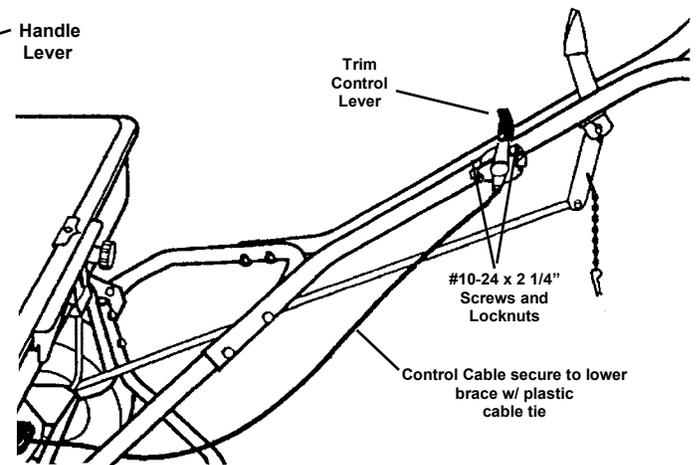


2. Turn spreader upright on wheels and insert screen into hopper. Attach lower handle brace to the outside of frame with (4) 1/4-20 x 5/8" hex bolts, lockwashers, and hex nuts. **Do not tighten bolts.** Attach upper handle assembly to brace

(make sure on/off lever is positioned as shown) using (4) 1/4-20 x 1 1/2" hex bolts, lockwashers, and nuts. Tighten securely. Install handle grips onto upper handle.



3. Slide handle lever between lever brackets as shown and secure with 1/4 Dia. clevis pin and 3/32 Dia. x 5/8" cotter pin. Install on/off control tube to control lever using 1/4 Dia. clevis pin and 3/32 Dia. x 5/8" cotter pin. Remove tape holding the lower rod to the pivot lever and slide opposite end of control tube onto lower control rod. Secure with a 3/32 Dia. cotter pin. **TIGHTEN ALL NUTS AND BOLTS LEFT LOOSE IN STEP #2.**



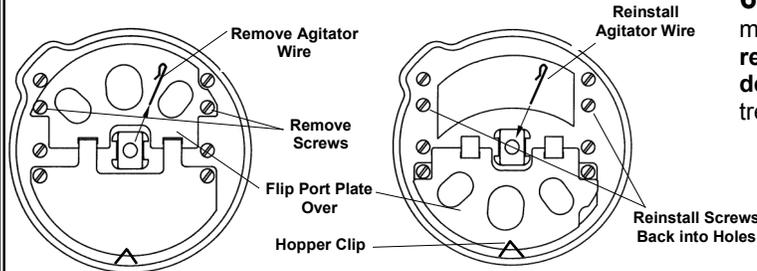
4. Attach trim control lever to the upper handle using (2) #10-24 x 2 1/4" screws and locknuts. Secure control cable to lower brace with the plastic cable tie. **TIGHTEN ALL NUTS AND BOLTS LEFT LOOSE IN STEP #2.**

5. To check spreader for complete shutoff, pull the on/off control lever back to the "OFF" position. Determine if the port holes are completely closed. If they are not, loosen the brace/frame bolts and push down on the handle and front of spreader. Re-tighten bolts and check shutoff.

OPERATION

This spreader is designed to apply normal lawn products or it can be easily converted to apply high volumes of pelletized mulch, sand, ice melt, limestone, and other **FREE FLOWING** products.

1. This spreader is factory set to apply normal lawn products. To convert to the **HVO** mode, slide the agitator wire out of the impeller shaft and remove the (2) screws securing the port plate inside the hopper. Flip the port plate over and lock under the clip in the hopper as shown. Reinstall the screws into their original holes and slide the agitator wire back into the impeller shaft.



2. Check the product package for the rate setting (letter), pattern setting, (number), and recommended swath width. Loosen the rate control knob and slide the rate plate to the proper rate setting. **NOTE:** the rate plate scale is split into two sections. The "A thru Z" scale is for fertilizers and other standard lawn products. The #1 thru #31 scale is for the HVO mode.



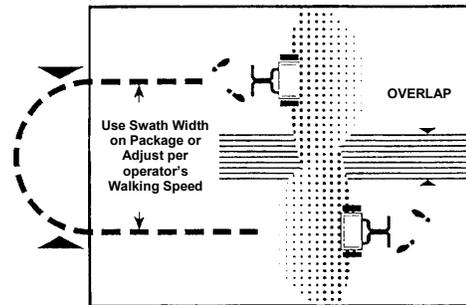
3. The trim control is remotely operated at the handle. This adjusts the pattern on the RH. side. The auxiliary slide is set at the hopper and adjusts the pattern on the LH. side. The pattern control to center the pattern from left to right is described below. See "PATTERN ADJUSTMENT" for further details.

4. Before filling hopper, make sure on/off control lever is in the "OFF" position. For fertilizer and other lawn products, make sure screen is in the hopper. For large partial HVO products, remove the screen. Fill hopper. Start spreader moving before opening ports, close ports before stopping spreader. Always push spreader. **DO NOT PULL.** Hold handle so top of spreader is level.

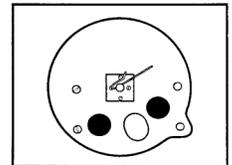
5. The setting and swath width on the product label are recommended starting points. Always check the delivery rate and pattern on a small area before treating a large area. Actual delivery rates can vary due to weather condition, operating variables, and condition of the products being applied. See "HOW TO DETERMINE SETTING AND SWATH WIDTH" for details.

6. For fertilizer and other turf products, push spreader at 2 1/2 m.p.h. (18 feet in 5 seconds). **Some HVO products require a reduced speed to obtain the proper spread pattern and delivery rate.** Apply header strips at each end of area to be treated then space trips across the area as shown.

7. To keep material off walks, flower beds, borders, etc., the pattern can be narrowed by pulling the trim control lever on the handle to the "ON" position. The pattern will end just beyond the right wheel.



8. A narrow band of product can be applied by closing the trim control and the auxiliary shut-off slide leaving only the center port open as shown.

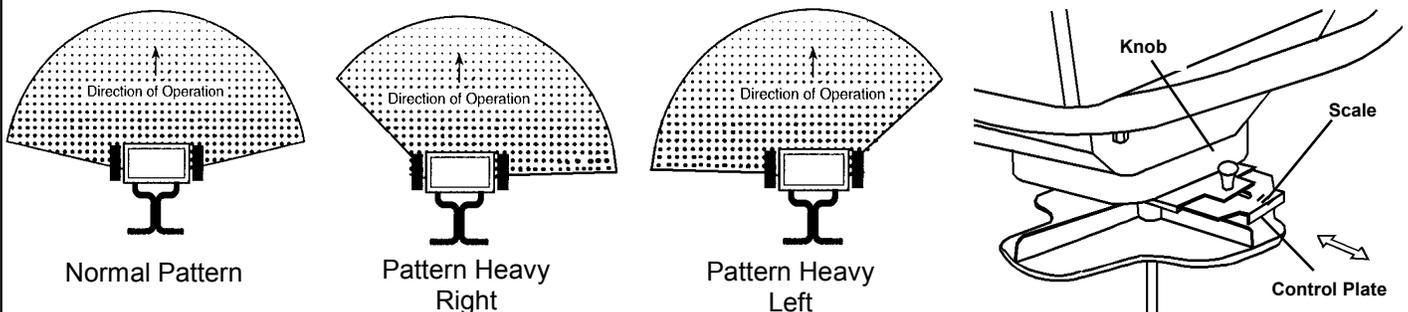


9. Empty the spreader after each use. Return leftover material to its original container.

10. When transporting the spreader, make sure the on/off control lever is locked in the "OFF" position securing the lever with the hitch pin.

PATTERN ADJUSTMENT

Normal spreading of material requires no adjustment unless otherwise stated on the package. In those cases where the spread pattern has shifted, the pattern can be adjusted. If the pattern is heavier to the left (as viewed from the operating position), loosen the knob and move the control plate in toward the hopper. If it is heavy to the right, move the control plate out away from the hopper. Tighten knob after each adjustment is made. A scale is stamped into the control plate to provide settings.



HOW TO DETERMINE SPREADER SETTINGS AND SWATH WIDTH

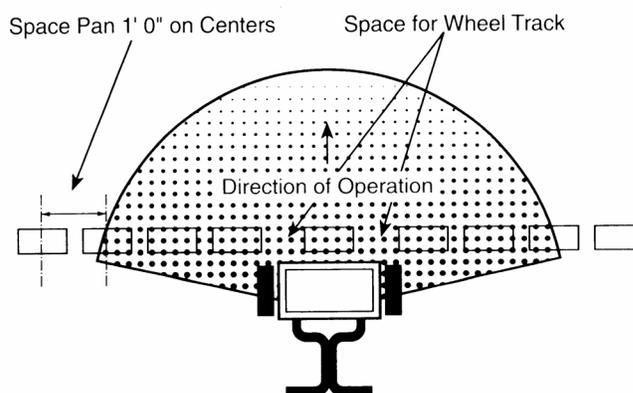
Two major factors should be considered when determining correct spreader settings of any product:

1. The product application rate, or the amount of material applied per 1,000 square feet.
2. The effective pattern width, or the actual width in which the material is applied. Label settings are a guide and can be effected by numerous factors.

EFFECTIVE PATTERN WIDTH

A simple visual pattern test can be made by operating spreader over a non-turf area and evaluating the pattern. A more accurate method is to place a row of common, disposable, aluminum cake pans approximately 1 foot on centers. Set the rate plate at a middle setting and make 3 or 4 passes in the same direction as shown. Pour the material collected from each pan into individual bottles of the same size. Set them side by side in order, and visually inspect their volume. If the pattern is not centered (example: volume in bottle #2 left not equal to bottle #2 right) adjust the pattern control as described in the "PATTERN ADJUSTMENT" section.

Once the pattern is uniform, the effective pattern width can be determined. the effective pattern



width is the distance out from the spreader to a point where the amount of material is 1/2 the average amount in the center pans. This distance is multiplied by 2 to achieve the total effective pattern width.

APPLICATION RATE

Knowing the effective pattern width (for example, 10 feet), measure a distance equal to 100 square feet (10' length x 10' swath width). Determine the product coverage in pounds-/100 sq. ft. by taking the weight of product and dividing it by the recommended square foot coverage (add two zeros to the weight of the bag).

EXAMPLE: Product Weight: 25 lbs.
Sq. ft. Coverage: 5,000 sq. ft.
2,500 lbs. divided by 5,000 sq. ft.
= .5 lbs. / 100 sq. ft.

Weigh out between 15 to 20 lbs. of material and spread over the 100 sq. ft. area. Weigh remaining material left in hopper and adjust rate setting as required. Repeat test until application rate is correct.

MAINTENANCE

1. Never store material in spreader. Return unused product to its original container.

2. Wash spreader thoroughly after each use. Make sure the port and pivot plate inside the hopper are clear of particles that could prevent the port plate from being flipped over easily. Allow spreader to dry completely in the sun or heated area.

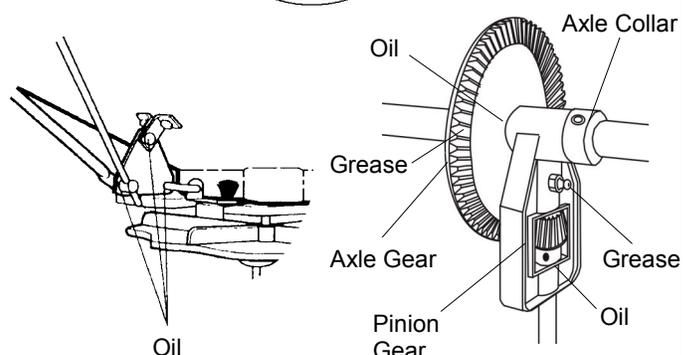
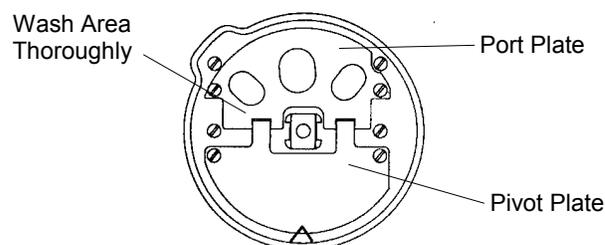
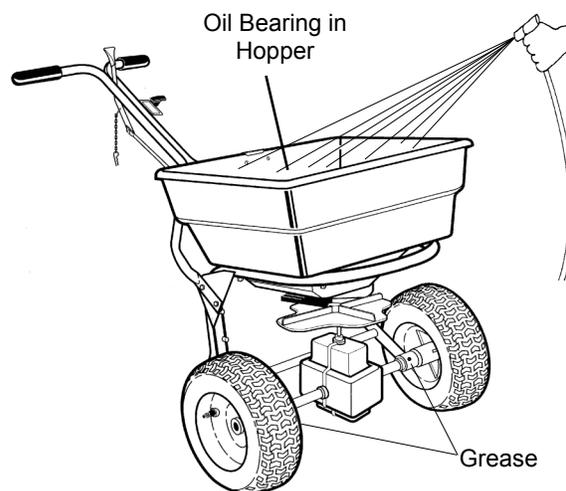
3. Grease the axle bearings in the frame. Oil the impeller shaft bearing in hopper, and pivot points on the shut-off linkage and spring in the housing behind the rate plate.

4. Remove gear cover and clean gears thoroughly. Apply grease at fitting and gear teeth. Oil all other bearing areas as shown. Re-install gear cover.

5. Gear mesh should be checked on a regular basis during high use periods. Clearance between the axle gear and pinion gear should be minimal, but not tight. If adjustment is necessary, loosen the axle collar set screw and hold the gears together. Slide axle collar against the gear support and tighten axle collar set screw. Spin drive wheel. Gears should run freely and smoothly.

6. Impeller surface should be cleaned periodically to remove build-up of product. Build-up can cause the spread pattern to change.

7. Tire pressure should be 20-25 lbs.



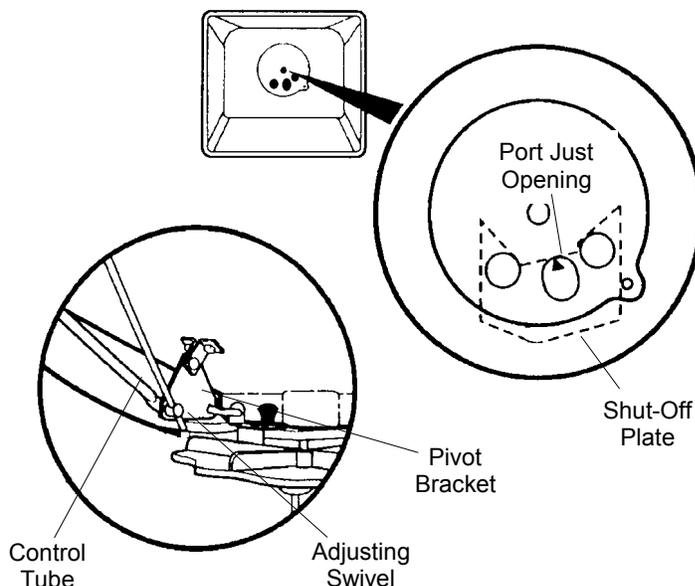
CALIBRATION INSTRUCTIONS

1. The **BF1150** spreader was factory calibrated, however calibration should be checked occasionally to assure optimum performance.

2. Make sure the spreader is in the fertilizer mode (three hole port). Pull the on/off lever to the closed position. Loosen the rate control knob and set the rate control plate to setting "A". Retighten knob.

3. Flip on/off control lever forward to the "ON" position. Check the center port hole. It should be just open as shown. If adjustment is necessary, continue to step #3.

Remove cotter pin from the adjusting swivel and slide off control tube. Slide swivel out of hole in pivot bracket. NOTE SIDE OF PIVOT BRACKET FROM WHICH IT WAS REMOVED. Thread swivel up or down on lower rod as required. Install swivel back into pivot bracket facing the same way it was removed. Check calibration and repeat unit it is correct. Reinstall control tube and secure with cotter pin.



RATE SETTING CONVERSION

The following provides approximate **Prizelawn BF I ss hvo**, **BF I**, and **CBR III** settings for those units listed.

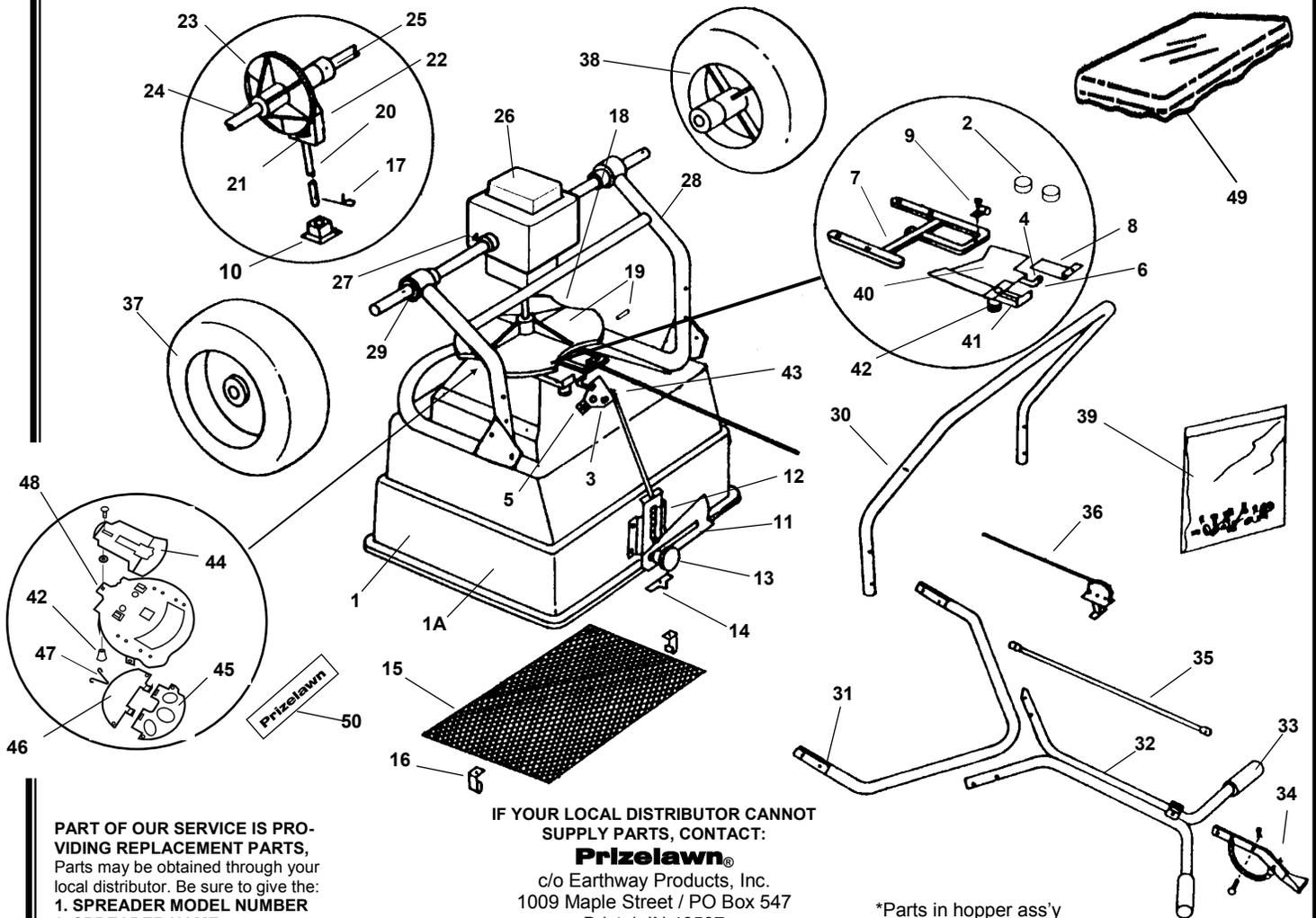
Prizelawn BF I HVO Setting	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Prizelawn BF1/CBRIII Setting	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	A	—	B	C	D	—	E	F	—	G	H	I	—	J	K	L	—	M	N	O	—	P	Q	R	—	S
Lesco #029600 Setting	A	—	B	C	D	—	E	F	—	G	H	I	—	J	K	L	—	M	N	O	—	P	Q	R	—	S
	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	—	V	W	—	X	Y	Z
Scotts R8A/SR-1 Setting	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	—	V	W	—	X	Y	Z
	5	—	—	—	—	10	—	—	—	—	15	—	—	—	—	20	—	—	—	—	25	—	—	—	—	30
Earthway 2200/2400 Setting	5	—	—	—	—	10	—	—	—	—	15	—	—	—	—	20	—	—	—	—	25	—	—	—	—	30
	—	—	3	—	—	—	4	—	—	5	—	—	6	—	—	7	—	—	8	—	—	—	9	—	—	10
Spyker 76/78-2 Setting	—	—	3	—	—	—	4	—	—	5	—	—	6	—	—	7	—	—	8	—	—	—	9	—	—	10

The following provides approximate **Prizelawn BF I ss hvo**, settings when only the product weight, square foot coverage, and visual inspection of material is available.

FERTILIZER PARTICLE SIZE	BAG RATE Pounds of fertilizer used per 1,000 sq. ft. of coverage	APPROX. SETTING	SPREAD WIDTH (IN FEET)
Large, heavy particles 	5	J	12
	10	K	12
	15	L	12
Medium- mixed particles 	5	G	10
	10	H	10
	15	I	10
Small particles (nitrogen) 	1	D	10
	2	F	10
	3	J	10
Mixed size particles -some fines 	5	I	8
	10	J	8
	15	K	8
Light weight particles 	5	F	6
	10	G	To
	15	H	8

The conversions should be used as guidelines for establishing proper rate settings for the particular product being applied. Steps for obtaining the most accurate settings are outlined in the "How to Determine Spreader Settings and Spread Width" section of this manual. These settings are approximate and may vary due to physical characteristics of the product. Walking speed, wear, condition of the turf and humidity, may cause actual rate setting to deviate. No expressed nor implied warranty or guarantee is provided as to coverage or uniformity indicated by these rate settings.

PARTS LIST MODEL BF I HVO



PART OF OUR SERVICE IS PROVIDING REPLACEMENT PARTS, Parts may be obtained through your local distributor. Be sure to give the:

1. SPREADER MODEL NUMBER
2. SPREADER NAME
3. PART NUMBER
4. NAME OF PART AS SHOWN

IF YOUR LOCAL DISTRIBUTOR CANNOT SUPPLY PARTS, CONTACT:

Prizelawn®

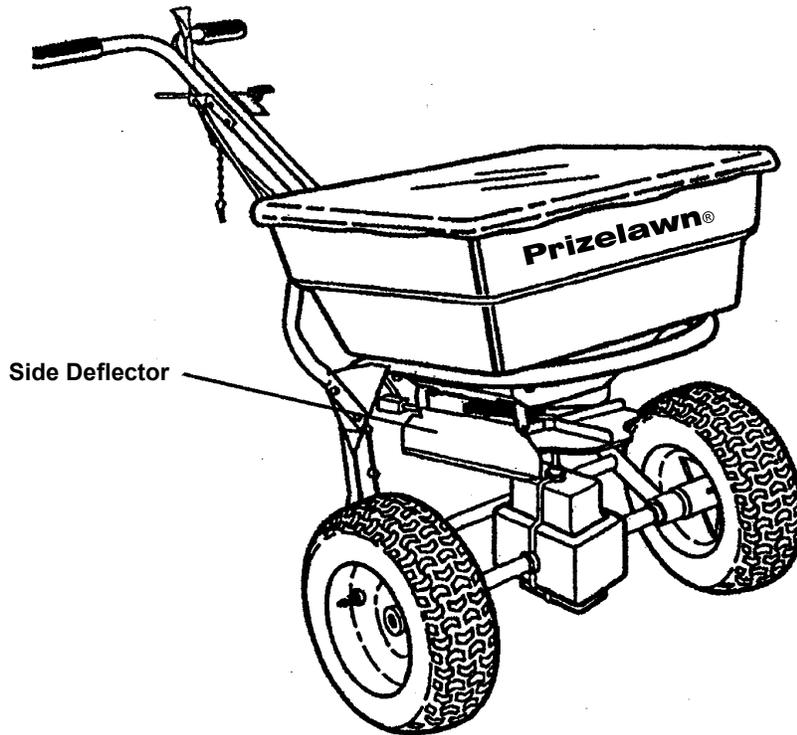
c/o Earthway Products, Inc.
1009 Maple Street / PO Box 547
Bristol, IN 46507

Ph: 800-294-0671 / Fax: 574-848-4249
www.prizelawnspreaders.com

*Parts in hopper ass'y
**Parts in impeller ass'y
*** Parts in shut-off plate ass'y

NO.	BF I HVO	DESCRIPTION	NO.	BF I HVO	DESCRIPTION	NO.	BF I HVO	DESCRIPTION
1	15095	Hopper*	17	14865	Agitator	34	14047	Handle Lever Assembly
1A	15094	Hopper Assembly	18	15102	Impeller Assembly	35	14916	Control Tube
2	14879	Hopper Hole Plug (2)*	19	15071	Impeller w/ Roll Pin**	36	14859	On/Off Control w/ Clamp
3	15096-1	Pivot Lever Assembly*	20	14867-3	Impeller Shaft**	37	14856	Drive Wheel w/ Cotter Pin
4	14846	Shut-Off Plate Link*	21	14833	Pinion Gear w/ Roll Pin**	38	14857	Free Wheel w/ Cotter Pin
5	14848	Reinforcing Plate*	22	14834	Gear Support**	39	15426	Fastener Package
6	15098	Shut-Off Plate Assembly*	23	14832	Axle Gear w/ Roll Pin**	40	15089	Shut-Off Plate***
7	14836-1	Shut-Off Plate Guide*	24	14860	Axle	41	15099	Aux. Shut-Off Plate-RH***
8	15100	Aux. Shut-Off Plate-LH.	25	14971	Axle Collar (3)	42	14001	Knob w/ Carriage Bolt***
9	15107	Bracket W/ Clamp	26	14837	Gear Cover (2)	43	14913	Adjusting Swivel
10	14312-1	Impeller Bearing Ass'y*	27	14868	Gear Cover Clamps (3)	44	15090	Deflector Plate*
11	15101	Rate Control Plate*	28	14898	Frame Ass'y. w/ Bearings	45	15091	Port Plate*
12	14885-1	Spring Housing Assembly*	29	14855	Axle Bearings (4)	46	15092	Pivot Plate*
13	12704	Rate Knob w/ Washer*	30	14904	Leg w/ Tube Caps	47	15105	Port Plate Retainer Spring*
14	12708	Pointer W/ Screw & Nut*	31	14905	Lower Handle Brace	48	15093	Hopper Bottom Plate*
15	14863	Hopper Screen	32	14907	Upper Handle	49	14827-1	Hopper Cover
16	14864	Screen Clip (2)	33	14870	Handle Grips	50	16465	Hopper Label

OPTIONAL ACCESSORIES



#14889--Side Deflector Kit

WARRANTY

Prizelawn warrants to Purchaser the following:

1. Product will be free of defects in materials and workmanship for a period of one year from date of purchase.
2. PRIZELAWN will decide in its reasonable discretion if the part(s)/unit is defective.
3. The spreader or part(s) will be shipped to PRIZELAWN at the customer expense with a written description of defect to the attention of PRIZELAWN WARRANTY DEPARTMENT.
4. If the spreader is used for commercial rental the Limited Warranty shall be limited to a period of 90 days.
5. All Unit and part replacement will be performed at the reasonable discretion of PRIZELAWN.
6. Labor charges are not covered and the unit need not be returned to the dealer for warranty service.
7. Proof of purchase must be supplied to PRIZELAWN.

PRIZELAWN's sole obligation under this warranty is limited to repairing or replacing the defective part. Upon replacement of any Product or Product part, the replaced item shall become the property of PRIZELAWN. If PRIZELAWN determines that the Product covered by this warranty requires service, PRIZELAWN shall prepay return shipping charges from PRIZELAWN. In all other instances, such charges shall be paid by Purchaser. Except for loss or damage caused by PRIZELAWN's negligence, Purchaser relieves PRIZELAWN of responsibility for all risks of loss or damage to the Product and its parts during the period the products are in transit to and from PRIZELAWN.

This warranty does not extend to any Product or parts thereof that have been allowed to corrode, subjected to misuse, neglect, accident, or modification by anyone other than PRIZELAWN or that have been affixed to any nonstandard accessory attachment or that have been used, stored, installed, maintained or operated in violation of PRIZELAWN's instructions or standard industry practice. No agent, employee or representative of PRIZELAWN has any authority to bind PRIZELAWN to any affirmation, representation or warranty concerning the Product and any affirmation, representation or warranty made by any agent, employee or representative shall not be enforceable by Purchaser.

THIS WARRANTY EXTENDS ONLY TO THE ORIGINAL PURCHASER AND IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS OR INTENDED USE FOR A PARTICULAR PURPOSE AND OF ANY OTHER OBLIGATION ON THE PART OF PRIZELAWN. PRIZELAWN SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF ANY OF THE PRODUCT INCLUDING, BUT NOT LIMITED TO, DAMAGE OR LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF PURCHASED OR REPLACEMENT GOODS, OR CLAIMS OF CUSTOMERS OF PURCHASER.