



MODEL #: 190808

INSTRUCTION MANUAL



SMITH® SB65 Spreader
(190808)

Do not return this product to the store.
For help, information, or parts contact:



**THE
FOUNTAINHEAD
GROUP**

Craftsmanship. Innovation. Commitment

www.thefountainheadgroup.com

(800) 311-9903 | info@thefgi.com

23 Garden St. New York Mills, NY, 13417



⚠ WARNING

Read and fully understand manual
before using this product.

Failure to follow instructions could
result in death or serious injury.

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IMPORTANT SAFETY INSTRUCTIONS

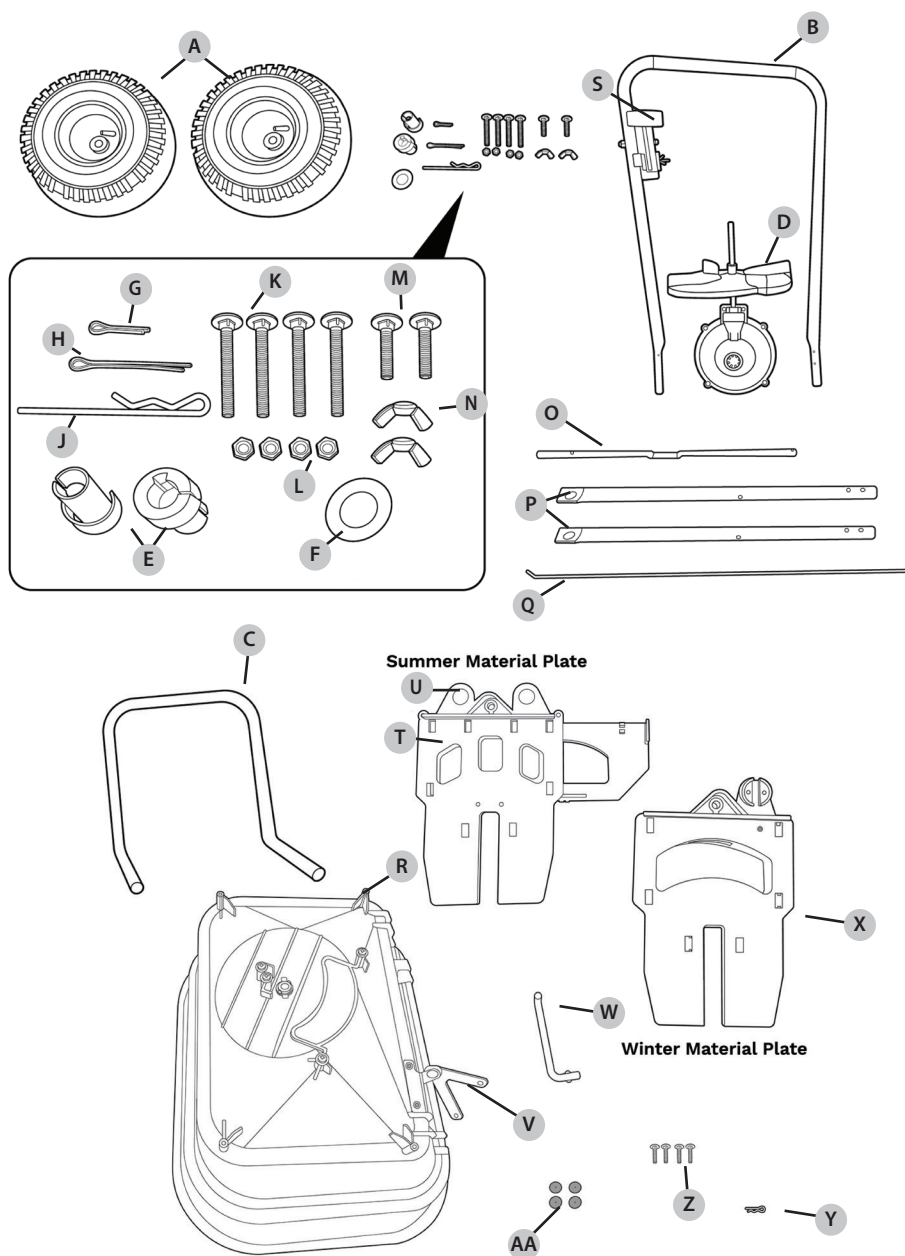
- Read and understand the entire instruction manual before using this spreader.
- Follow all instructions and precautions in the instruction manual when using this spreader.
- ▲ **WARNING: RISK OF PERSONAL INJURY DUE TO CONTACT WITH ROTATING COMPONENTS.**
 - Keep hands and feet away from wheels, belts, and pulleys when spreader is in motion.
 - Never modify or alter the spreader from original condition.
 - Use only replacement parts from original manufacturer. Other replacement parts are not compatible with this spreader.
- ▲ **WARNING: RISK OF PERSONAL INJURY AND/OR PROPERTY DAMAGE DUE TO CHEMICAL EXPOSURE.**
 - Read and follow all instructions and precautions on chemical manufacturer’s label of chemicals used in this spreader.
 - Use only chemicals indicated for broadcast spreading applications. Some chemicals may create a toxic or other hazardous conditions when broadcast spread.
 - Always refer to chemical manufacturer’s instructions and/or the chemical Safety Data Sheet (SDS) for proper mixture and safe application.
 - Use the appropriate Personal Protective Equipment (PPE) as recommended by the chemical manufacturer and/or refer to the chemical Safety Data Sheet (SDS) of the chemical being used. This includes at least goggles, gloves, and protective clothing. Failure to use appropriate PPE could result in chemical exposure through skin contact, eye contact, inhalation, or other means.
 - Keep the spreader and all chemicals out of the reach of children and pets.
 - Never store chemicals in the spreader.
 - Store or dispose of any unused chemicals as instructed by the chemical manufacturer due to the potential for environmental damage from a spill or leak, and/or refer to the disposal criteria referenced in the SDS.
 - Clean spreader after each use to avoid unintended chemical exposure and prevent contamination of subsequent applications.
- ▲ **WARNING: RISK OF ENVIRONMENTAL CONTAMINATION AND HARM TO AQUATIC LIFE.**
 - Follow all local regulations for broadcast applications of fertilizers and other chemicals.
 - Avoid overapplication, which can lead to nutrient runoff.
 - Maintain buffer zones around bodies of water.
 - Use the deflector shield along the boundaries of the application area to prevent broadcasting chemical onto roads, sidewalks, driveways, gutters, storm drains, or other non-targeted areas where the chemical could wash away.

SAVE THESE INSTRUCTIONS FOR FUTURE USE.

PACKAGE CONTENTS - PARTS FOR ASSEMBLY

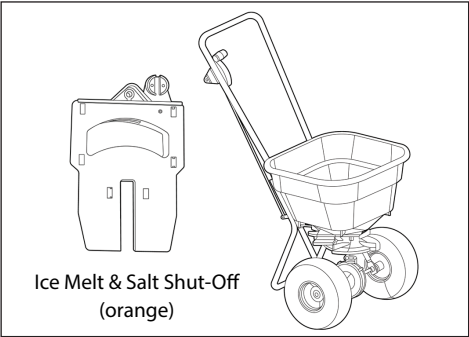
Item	Description
A	Pneumatic Wheel (X2)
B	Handle Bar
C	Stand
D	Gear Box and Impellor
E	Axle Bearing (X2)
F	Wheel Washer
G	Small Cotter Pin
H	Large Cotter Pin
J	Agitator
K	M6x60 Bolts (X4)
L	M6 Lock Nuts (X4)
M	M6 X35 Bolts
N	M6 Wing Nuts (X2)
O	Axle
P	Lower Frame (X2)
Q	Control Rod
R	Hopper Body
S	Control Lever
T	Summer Material Plate
U	Adjuster
V	Pivot Bracket
W	Pivot Rod
X	Winter Material Plate
Y	R-Pin Small
Z	Screws (X4)
AA	Washers (X4)

Prior to assembly, ensure all parts are accounted for.

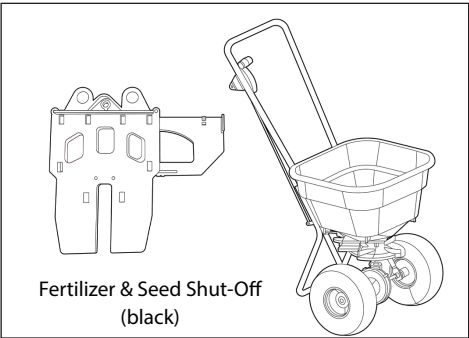


ASSEMBLY

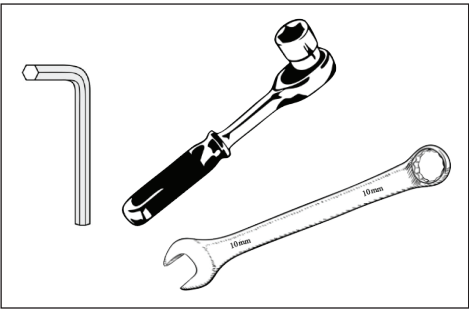
1. Before you start, decide what you would like to use your spreader for. If you are spreading salt, please use the orange colored Ice Melt & Salt shut-off pictured below.



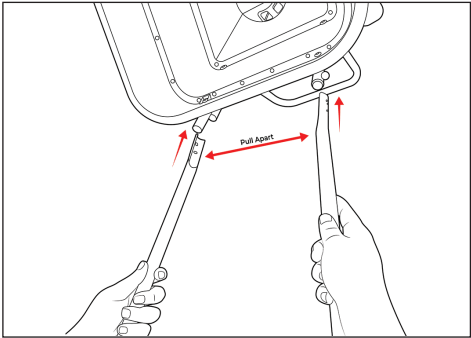
2. If you are using the spreader to apply fertilizer, please use the Summer Fertilizer shut-off with the three holes pictured below. If the wrong material plate is fixed to your spreader, please refer to the 'Material Plate Removal and Installation' section of this manual.



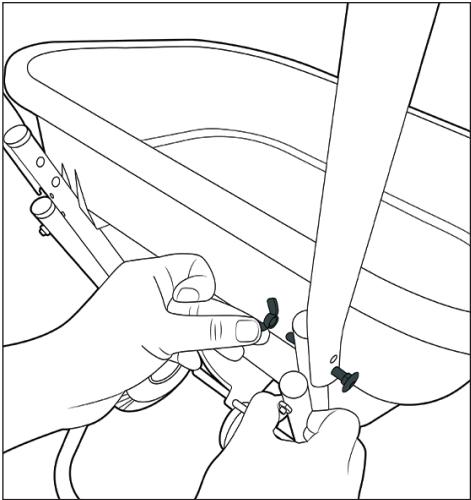
3. Tools you'll require to assemble your SMITH® SB65 are an Allen wrench (included in parts bag) two 10MM wrenches or a ratchet and 10MM socket.



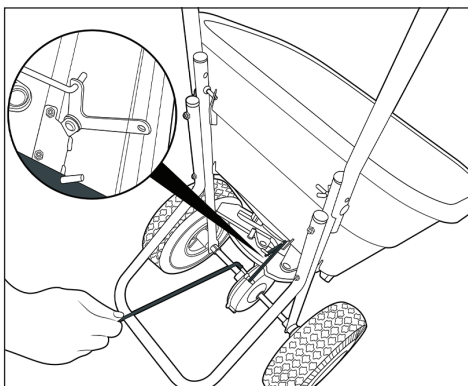
4. Align the holes at the bottom of the handle bar (B) with the holes at the top of the lower frame (P). You may need to pull the ends apart slightly to place in position.



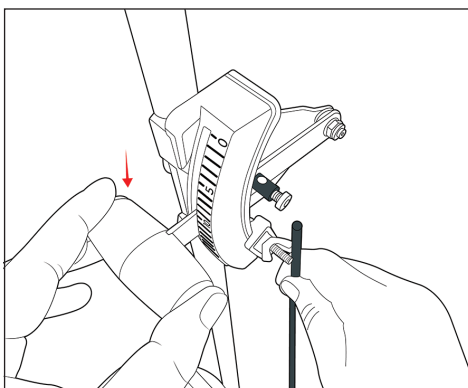
5. Thread the M6x35 bolt (M) through the hole of the handle bar (B) and lower frame (P). Use the M6 wingnut (N) to tighten. Repeat on both sides.



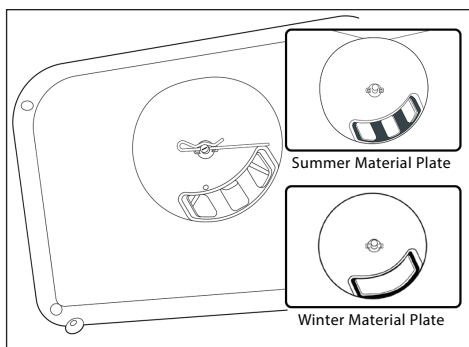
6. Protruding from the back of the hopper body (R) is a V-shaped metal (pivot bracket) (V). Clip the pivot bracket end of the control rod (Q) into the hole on the V-shaped metal.



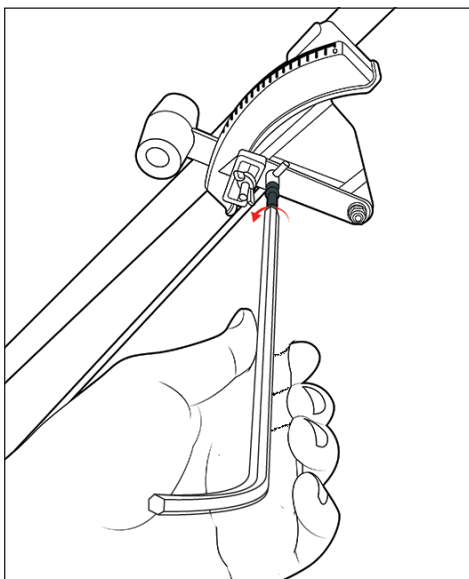
7. Feed the other end of the control rod (Q) through the hole at the back of the control lever. Make sure you push the lever all the way to the bottom.



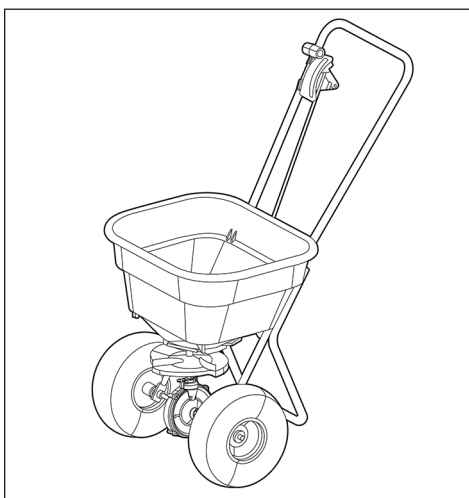
8. Before tightening the control rod. Make sure the application holes in the hopper are fully open and the control lever is set at 20.



9. Tighten the Hex Screw to secure the control rod (Q).

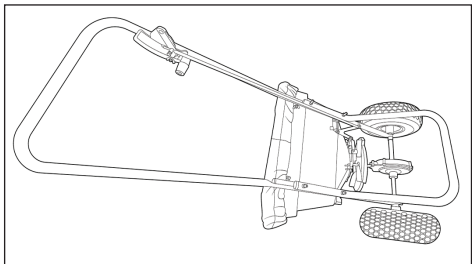


10. Your SMITH® SB65 is now complete.

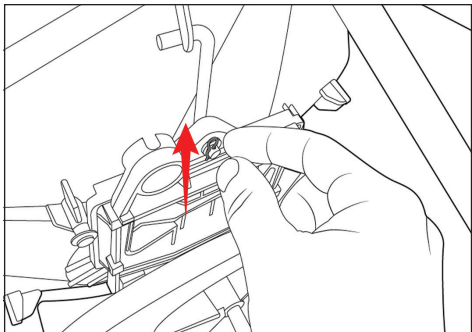


MATERIAL PLATE REMOVAL AND INSTALLATION

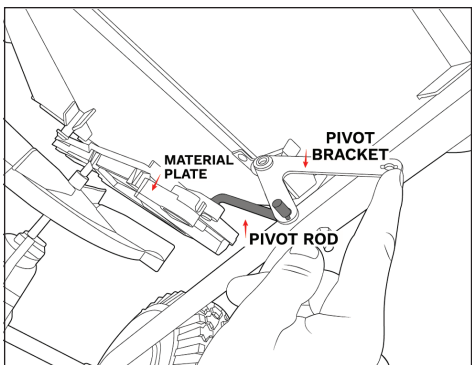
1. Place the finished unit onto a table so that the back of the spreader is easily accessible.



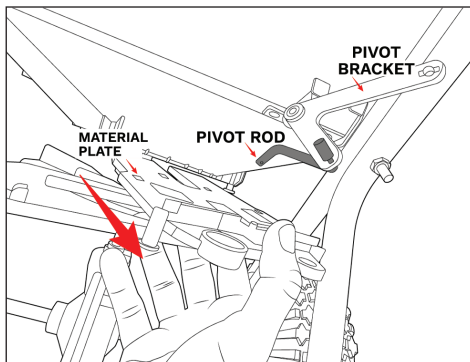
2. Locate the R-pin that helps hold the material plate in place on the underside of the material plate. Remove the R-pin.



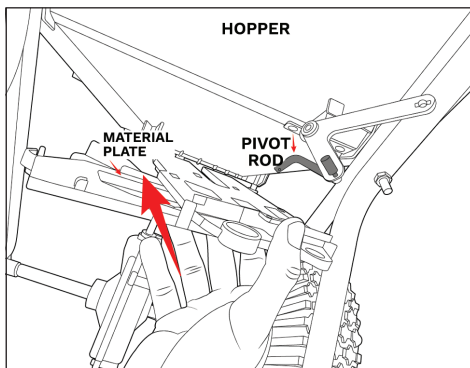
3. Push the top of the pivot bracket so the material plate is pushed back and the pivot rod is loosened.



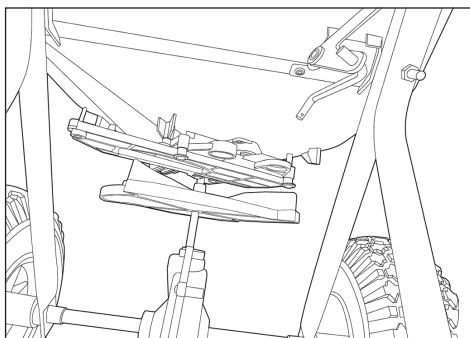
4. Remove the pivot rod by pushing the tip through the hole at the top of the material plate. When the pivot rod is removed, remove the material plate.



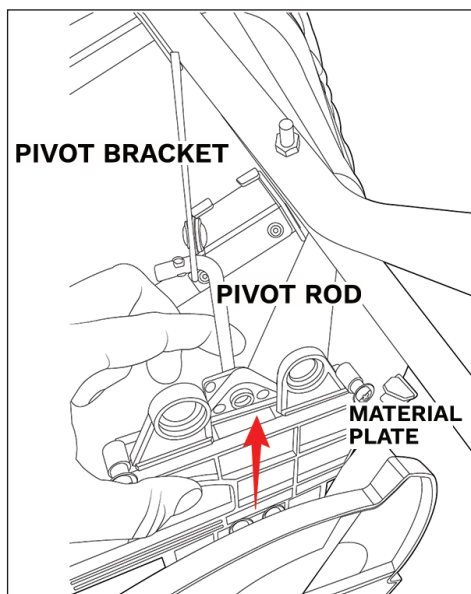
5. When you have removed the material plate you no longer wish to use, find the alternative material plate and push it into the grooves on the bottom of the hopper. (The Summer Material plate is pictured here).



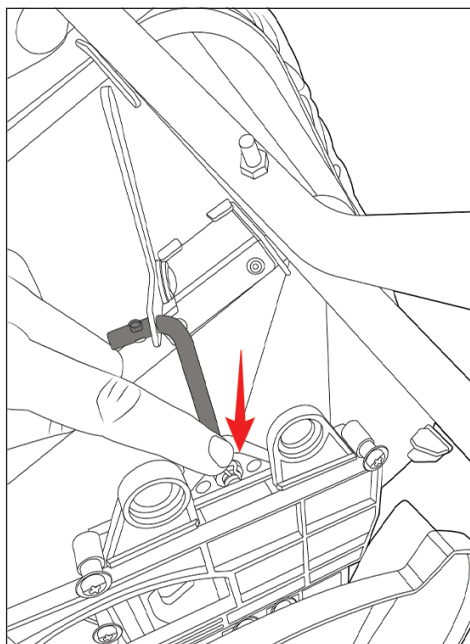
6. The material plate should be secure and sit level underneath the hopper. It should slide smoothly in and out of the grooves.



7. Pull the material plate out slightly to allow space to insert the pivot rod back into the pivot bracket and material plate.



8. Push the bottom end of the pivot rod into the hole at the top of the material plate and secure with the R-pin.



MATERIAL PLATE ADJUSTMENT

The SMITH® SB65 includes both a Summer Fertilizer & Seed Material Plate as well as a Winter Ice Melt & Salt Material Plate. These plates are specifically engineered to control the material flow and application of the materials, ensuring the correct and even application as determined by the material being spread. The Slider Adjusters included on the Summer Fertilizer & Seed plate are used to balance the spread pattern by restricting the flow of material from the hopper on either side.

Different materials will spread differently, and these adjusters will help even your spread pattern. See the following pages for details.



Left hand slider adjuster



Right hand slider adjuster

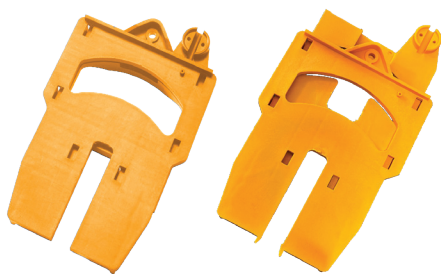
LHS (*Left hand slider adjuster*) is recommended to be engaged when spreading large sized granular materials to provide a more uniform distribution on the left and right side of the spread pattern.

RHS (*Right hand slider adjuster*), is used with very light materials (e.g. grass seed). Engaging the RHS (*Right hand slider adjuster*) will help balance the spread pattern and application for light materials.



Summer Fertilizer & Seed plate

▲ NOTICE: Do not spread Fertilizer or Seed materials with the orange-colored single-hole Ice Melt & Salt material plate. Overapplication may occur.



Winter Ice Melt & Salt plate
Sidewalk slider engaged for reduced spread width on right

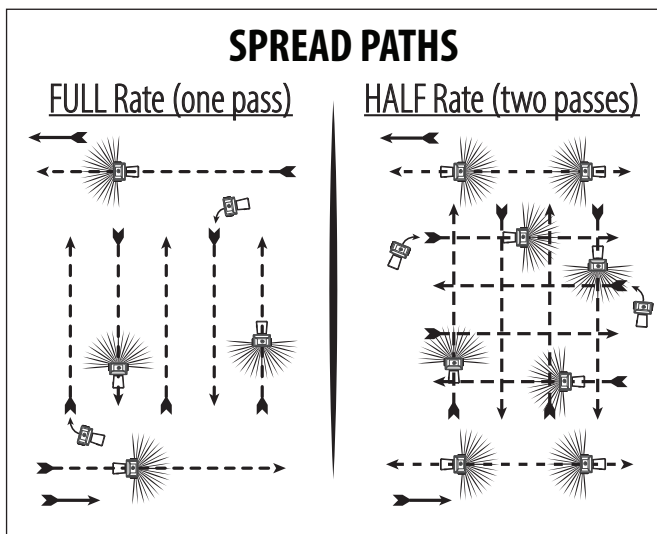
APPLICATION

Walking Patterns for the optimum application (For Fertilizer Only)

There are two methods of effective spreading, Full Rate (Single Pass over the area at the setting for the full amount) and Half Rate (Double pass over the area in a crossing pattern at 50% of the full amount - details below).

Walk at a steady pace of approximately 3mph holding the spreader level.

Tipping forward or back will affect your application.



Full Rate - 1 pass

Cover the area as shown making the next pass at the edge of your spread pattern or where the fertilizer thrown begins to feather.

Half Rate - 2 passes

Use $\frac{1}{2}$ the application rate (lbs. per 1,000) suggested on the back of your fertilizer bag. You cover the area using the cross path method.

Half rate is defined by reducing the pounds per thousand square feet by 50%. This does NOT correlate to a 50% reduction on the gauge indicator. Refer to the chart below for the proper half rate setting.



SLIDE-SYSTEM TECHNOLOGY SETTINGS

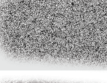
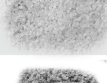
TWO SEASONS.
ONE SPREADER.



PRODUCT	SUMMER Shut-Off	SLIDER ADJUSTER SETTINGS
 POWDERED OR MICRO GRANULAR FERTILIZER		NO ADJUSTMENT OF EITHER SLIDER RECOMENDED 
 MEDIUM GRANULAR FERTILIZER		NO ADJUSTMENT OF EITHER SLIDER RECOMENDED 
 LARGE GRANULAR FERTILIZER		ADJUSTMENT OF THE LEFT SLIDER RECOMENDED 6-7 CLICKS 
 GRASS SEED OR VERY LIGHT MATERIALS		ADJUSTMENT OF THE RIGHT SLIDER RECOMENDED 3-4 CLICKS 
 PELLETED MATERIALS		ADJUSTMENT OF THE LEFT SLIDER RECOMENDED (SELECT CLOSED) 
 LARGE GRANULAR ICE MELTS		ADJUSTMENT OF THE LEFT SLIDER RECOMENDED (SELECT CLOSED) 

WINTER Shut-Off (Orange color)

Please note this chart is a guide only. Due to variations in the spreading characteristics of materials, accurate calibration should be carried out by the operator for each different material being applied.

 SHARP/COARSE SAND		FULL OR REDUCED WIDTH SLIDER OPTION RECOMENDED 
 FLOWABLE SAND / SOIL MIX		FULL SLIDER WIDTH USE RECOMENDED 
 COARSE MARINE SALT		FULL OR REDUCED WIDTH SLIDER OPTION RECOMENDED 
 ROCK SALT		FULL SLIDER WIDTH USE RECOMENDED 
 GRIT MATERIALS		FULL SLIDER WIDTH USE RECOMENDED 

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The Fountainhead Group, Inc. is not responsible for misapplication due to incorrect use or incorrect calibration of SMITH® Spreaders. For calibration information please refer to "How to Calibrate" section of the manual prior to initial use.



Rate Setting Guide

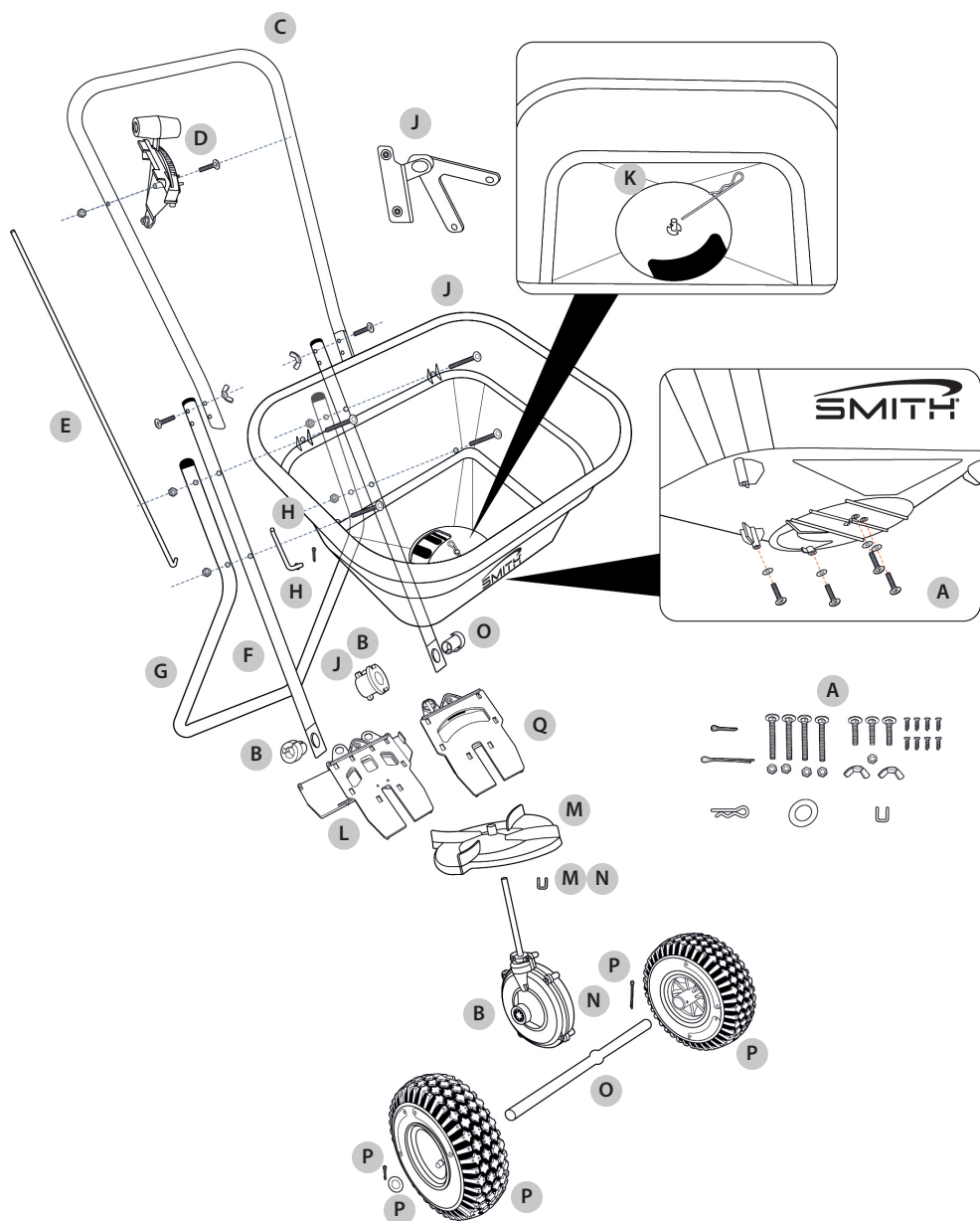
Grams/SQ Meter	Lbs. Per 1,000SF	SMITH®	Scotts®	EarthWay®	LESCO®
10	2	9	3	13	5
15	3	10	3.5	14	6
20	4	12	4.5	16	8
25	5	13	5.5	17	9.5
30	6	13.5	6	18	10
35	7	14	7	19	10.5
40	8	15	8	20	11
45	9	16	9	22	13
50	10	20	10	23	14

Review the coverage and weight of the bag to help determine the correct setting. For a 25 lb. bag that covers 5,000 Square Feet (SF), the calculation is $25/5 = 5$ lbs. per 1,000 Square Feet, a setting of 13. HALF Rate would be 1/2 of the 5 lbs. rate (2.5 lbs.) or a Setting of 9

SPARE PARTS

Item	Part Number	Description
A	186281	Hardware Pack SB65, CRP028, SB-65
B	186282	Bushing Pack SB65, CRP029, SB-65
C	186283	Loop Handle, C1001, SB-65
D	186284	Assembled Control Unit + Bolt & Nut, CRP024, SB-65
E	186285	Upper Rod, C1006, SB-65
F	186286	Frame Leg, C1008, SB-65
G	186287	Back Support, C1010, SB-65
H	186288	Pivot Rod + R-Pin, CRP025, SB-65
J	186289	Hopper Body with CM, CRP002, SB-65
K	186290	Agitator, C1013, SB-65
L	186291	Summer Plate, CRP9004, SB-65
M	186292	Impeller + U-Pin, CRP020, SB-65
N	186293	Gearbox + U-Pin, CRP021, SB-65
O	186294	Pneumatic Axle, C2003, SB-65
P	186295	Small Pneumatic Wheel, CRP046, SB-65
Q	186258	Winter Plate, C2001, 80/80ST/80SL/65

SEE EXPLODED VIEW DRAWING ON NEXT



WARRANTY

1-Year Limited Warranty

This limited warranty gives you, the original product purchaser, specific legal rights. You may also have other rights, which vary from state to state.

The Fountainhead Group, Inc. (FGI) warrants to the original product purchaser, that each product will be free from defects in material and workmanship, under normal use and conditions, for a period of one (1) year from the date of purchase. FGI makes no other express warranties, and all implied warranties, including fitness and merchantability, are limited to one (1) year from the date of purchase.

If the product fails to function as intended, call our customer support at +1-800-311-9903 or email info@thefgi.com. Within the warranty period, FGI will repair or replace any part found to be defective upon our examination. FGI reserves the right to require the return of the defective product with the proof of purchase to establish a claim under this warranty. The warranty period is not extended if we repair or replace the product. All shipping expenses will be covered by the customer.

This limited warranty does not cover any damage or defect resulting from transportation, storage, maintenance, improper use, negligence, accident, normal wear, alterations, or operation or any other activity or action which is not in accordance with the instruction manual. Any parts that are deemed wearable parts are not part of the limited warranty.

In no event shall FGI be liable for any incidental, special, consequential or punitive damages, or for any attorney fees, expenses, losses or delays alleged to be as a consequence of any damage to, failure of, or inadequate product training, but not limited to, any claims for loss of profits.

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