



Agri-Fab<sup>®</sup> lawn care products are designed for homeowners who want a beautiful lawn and want the job of lawn care to be easy.

In order to achieve this objective, Agri-Fab<sup>®</sup> constantly asks you, our customers, how we can improve our current lawn care products. We invite your comments, so please leave a review on our website at <u>agri-fab.com/reviews.aspx</u> or scan the QR code on this page.

Above all of this, is our dedication to building quality and durability into the products we make. We can assure you that our products are made with the very best components to ensure lasting performance. As proof of this commitment, all of our lawn care products come with a three-year limited warranty.

You can be sure when purchasing Agri-Fab° lawn care products it will help you make Lawn Care Easy. 📕

# SCAN TO LEAVE A REVIEW!

### - Mike Cohan, President

# CONTENTS



# GROOMERS.....12







Agrisian Care Made Easy





# Why Use A Cart?

It's the best way to save your back. There's no need to carry a big load by yourself. It's also not necessary to go back and forth to get your bags of fertilizer, mulch or any load from one place to another. A cart can do that for you – most of the time in one trip!

By choosing an Agri-Fab<sup>°</sup> cart you can be sure it's the best you can buy. All Agri-Fab<sup>°</sup> carts are made to last and made to efficiently and easily carry the load.









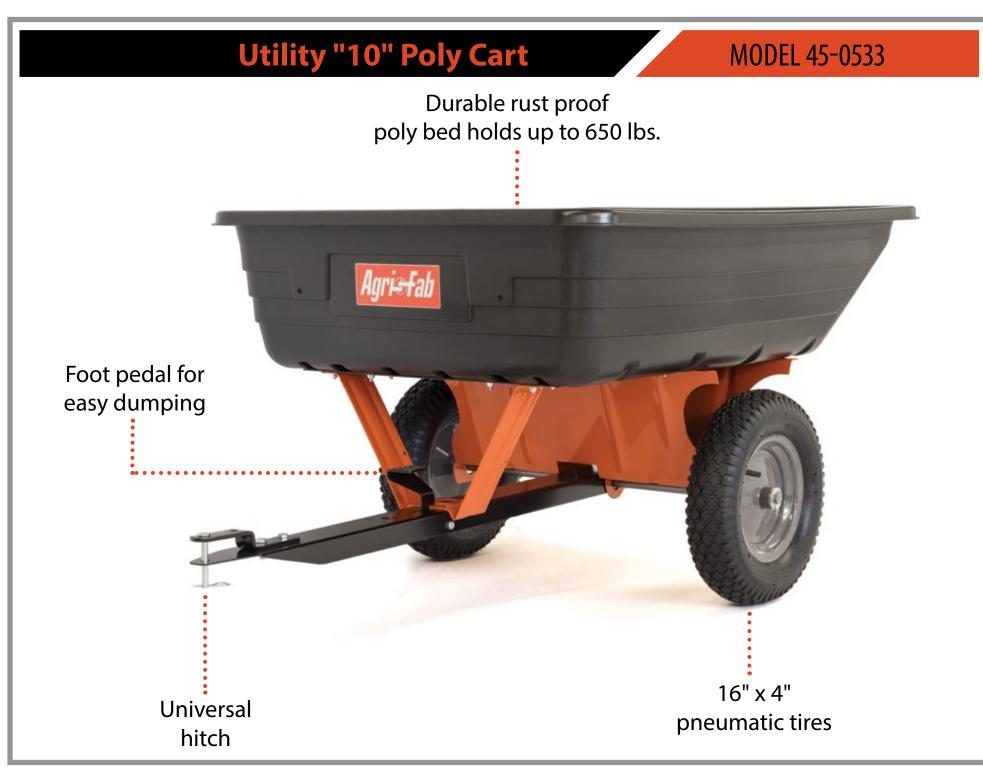


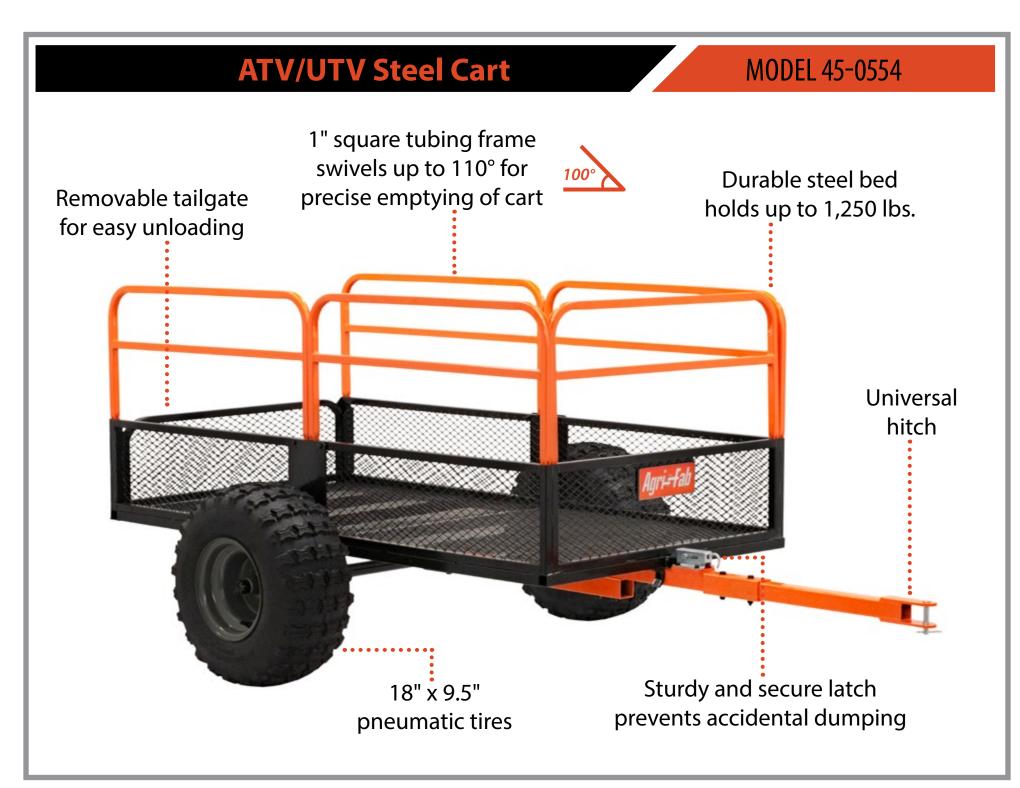


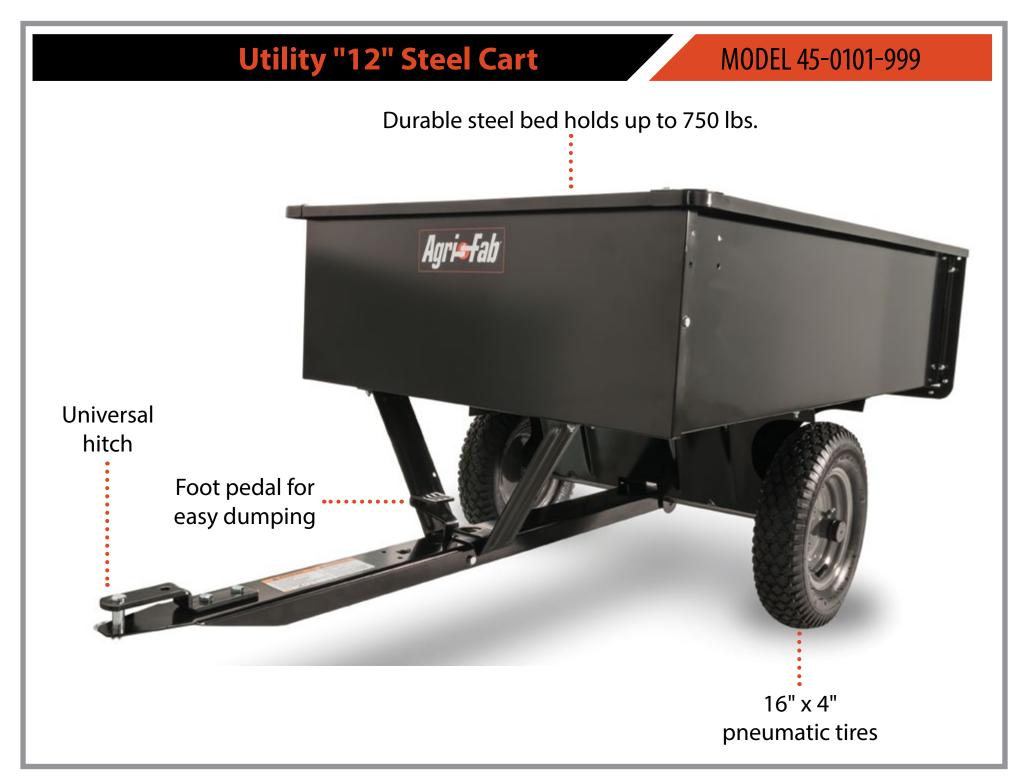






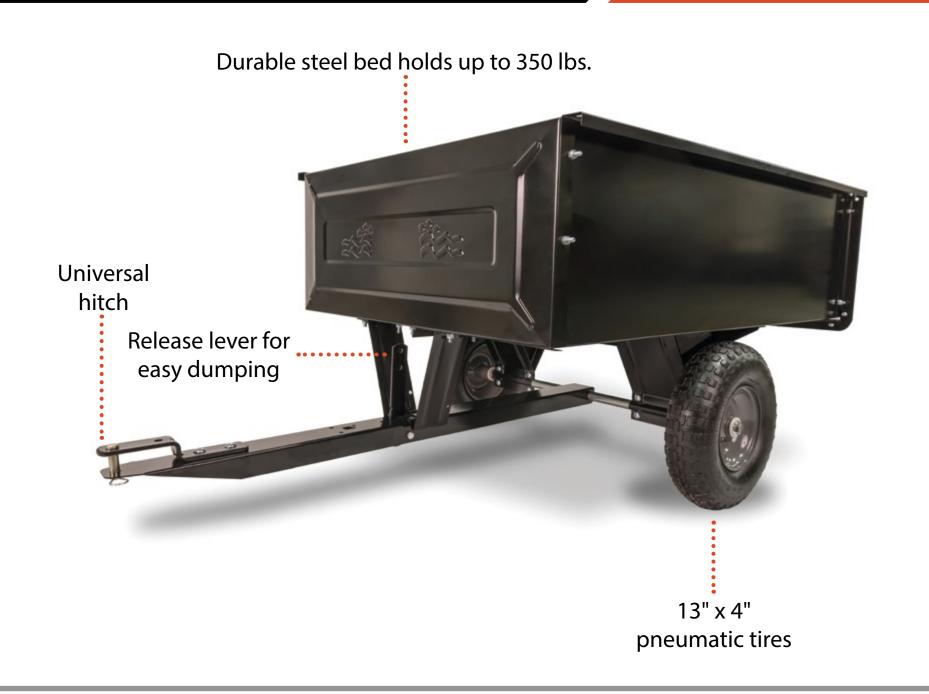






# Utility "10" Steel Cart

# MODEL 45-0303







# Why Aerate and De-thatch?

When you aerate your lawn, you are opening up the soil surface to let grass roots get the air and moisture it needs for healthy growth.

Your mower creates a layer of dead grass between the soil and leaves of the grass plant. Too much dead grass weakens the grass roots. The Agri-Fab<sup>®</sup> de-thatcher effectively loosens and lifts thatch for healthy lawn growth.











## THE IMPORTANCE OF DE-THATCHING AND AERATING

#### THATCH

Thatch is a layer of dead organic matter that exists between the soil and the leaves of the grass plant.

#### THE GOOD NEWS ...

A little thatch is natural in any lawn. And the right amount can actually help the grass and the soil, by protecting roots from heat and sun damage while creating an environment for beneficial soil and surface organisms.

#### AND THE BAD NEWS ...

Too much thatch can mean problems. A thick layer of thatch blocks the movement of air and nutrients to the soil. Grass roots often migrate from the soil up into the thatch, where they become weak and fall victim to extreme heat or cold, as well as disease and pests. (And when roots die off, they add even more thatch to the layer!) Too much thatch can exaggerate moisture problems as well, holding too much moisture during a wet season and repelling water during a dry season.

#### WHAT CAUSES THATCH?

Very often, too much thatch can be traced back to wellintentioned actions on the part of the homeowner. Watering, fertilizing, weed and pest control are all important in moderation, but can result in the development of excess thatch.

#### Here's why:

*Over fertilizing:* Too much growth leads to weak roots and excess lawn debris. In addition, too much nitrogen can be harmful to the organisms that naturally control thatch buildup.

*Over watering:* Too much constant moisture creates a low-oxygen environment that is harmful to soil organisms.

*Shallow, frequent watering:* This practice can cause roots to move up into the thatch to reach the water source. (It's best to water infrequently and deeply, only when your lawn really needs it.)

*Herbicides and Pesticides:* While controlling harmful pests and weeds, using too much of these chemicals can harm the overall ecosystem in your lawn, killing off earthworms and soil microbes.



#### **HOW CAN I CONTROL THATCH?**

• First, correct any practices listed on the left that may be adding to the problem.

#### • De-thatch Your Lawn -

The best times to de-thatch are late summer and early fall. It's easiest to de-thatch when the ground and grass are slightly moist. Before you de-thatch, mow your lawn at a slightly lower height. It's best to make at least two passes over your lawn, and even better if you use a different pattern each time. After de-thatching, sweep or rake up the debris. Now is a good time to fertilize lightly, and water the lawn.

#### • Aerate -

While de-thatching removes thatch, aeration helps break down the thatch layer. Aeration is less traumatic for your lawn, and is best for controlling thatch before it gets too out of hand. (See below to learn the difference between plug and spike aerators.)

#### Adjust Soil pH –

If your soil chemistry is off, your grass will be weak and more likely to create (and suffer from) excess thatch. It's easy to test soil chemistry with a do-it-yourself kit from your garden center. If your soil is too acidic, add lime; too alkaline, add sulfur. Use a drop spreader for either additive, and apply according to label directions.

#### **AERATING**

When you aerate your lawn, you are essentially punching holes in the soil surface. This helps loosen compacted soil and helps more air, water and nutrients reach the roots. The best time to aerate is in the spring at the start of the growing season. Late summer or fall aeration can also be beneficial.

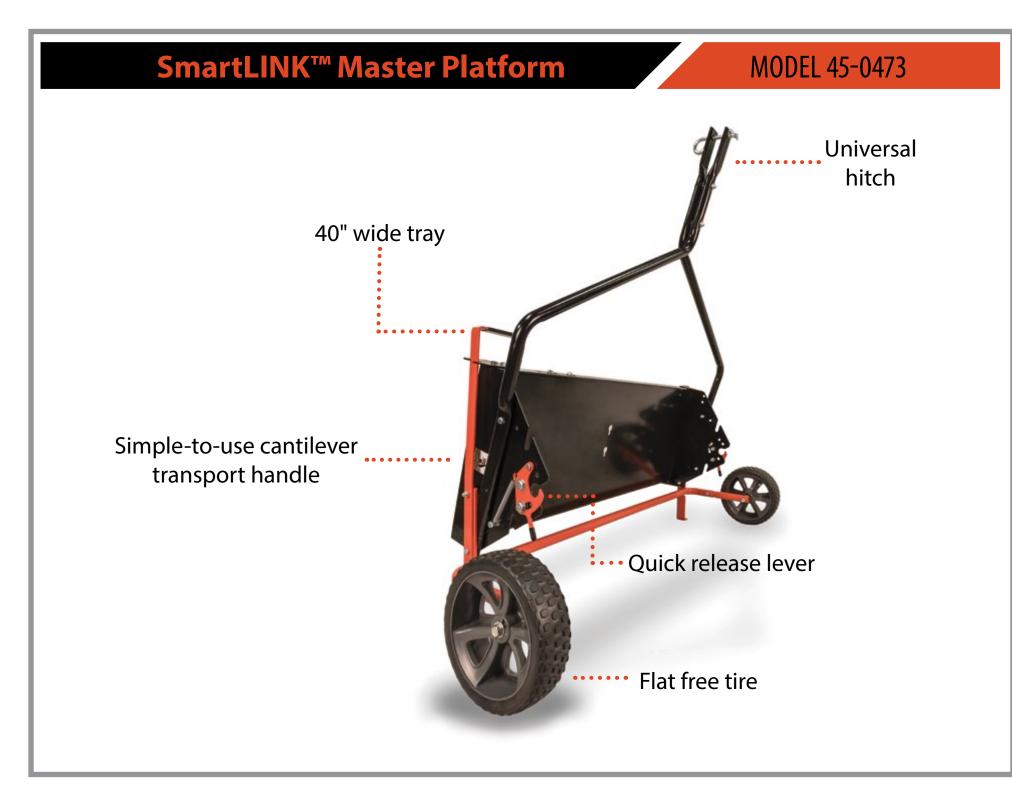


#### **Plug vs. Spike Aerators**

A plug aerator actually pulls out small plugs of grass and soil. A spike or blade aerator cuts deep grooves in the soil. Both types are beneficial, but there are differences. Plug aerators are more disruptive and messier, but are more thorough for a lawn that needs attention. Spike aerators are less invasive, and the process lets the grass recover more quickly. These machines are best for regular maintenance.



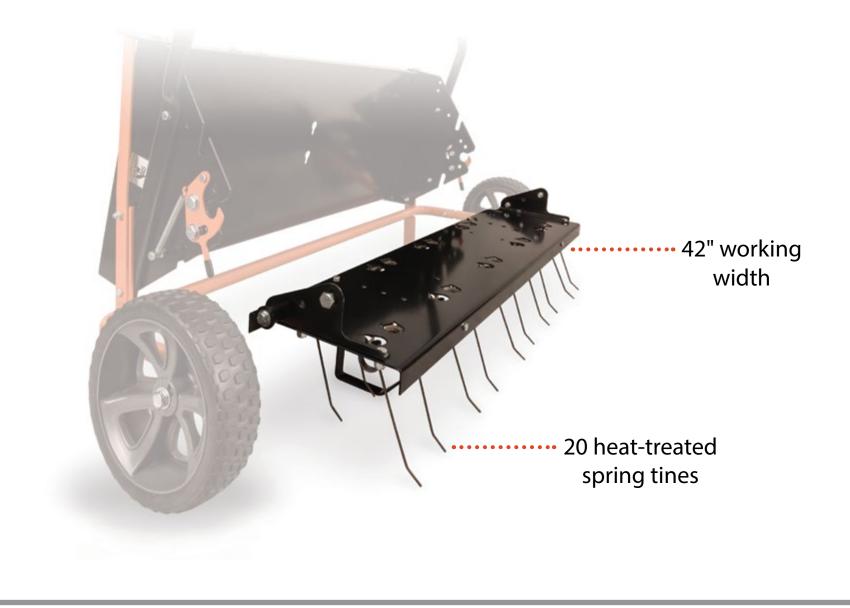




# **SmartLINK™ Tine De-thatcher**

## MODEL 45-0457

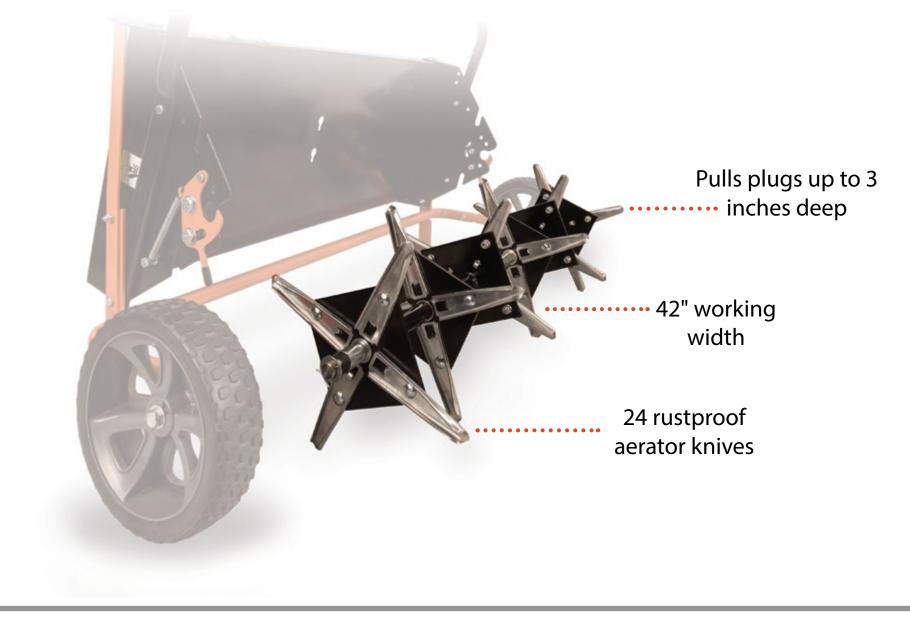
# Attaches to SmartLINK<sup>™</sup> master platform in seconds



# **SmartLINK<sup>™</sup> Plug Aerator**

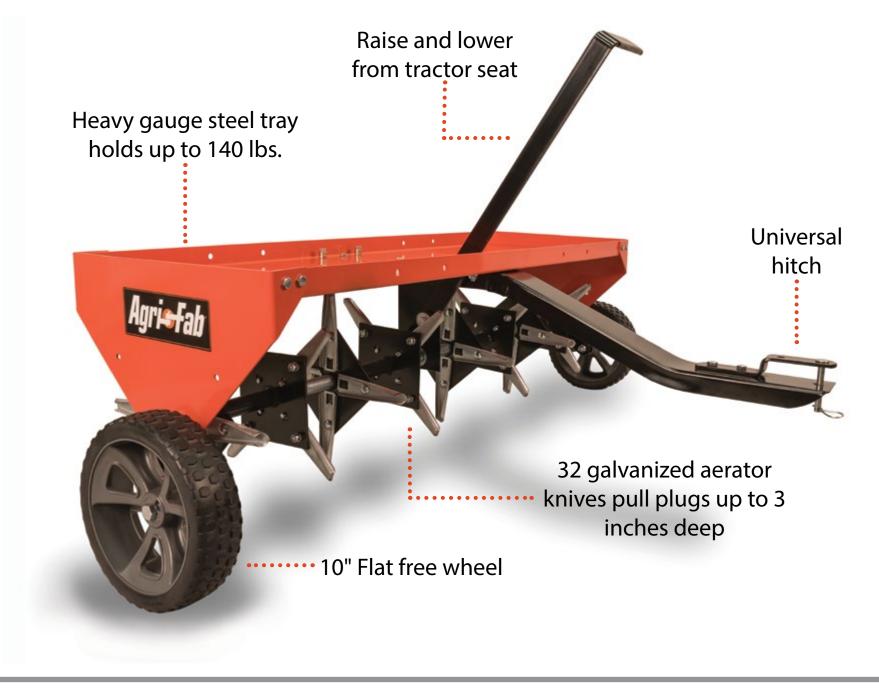
# MODEL 45-0474

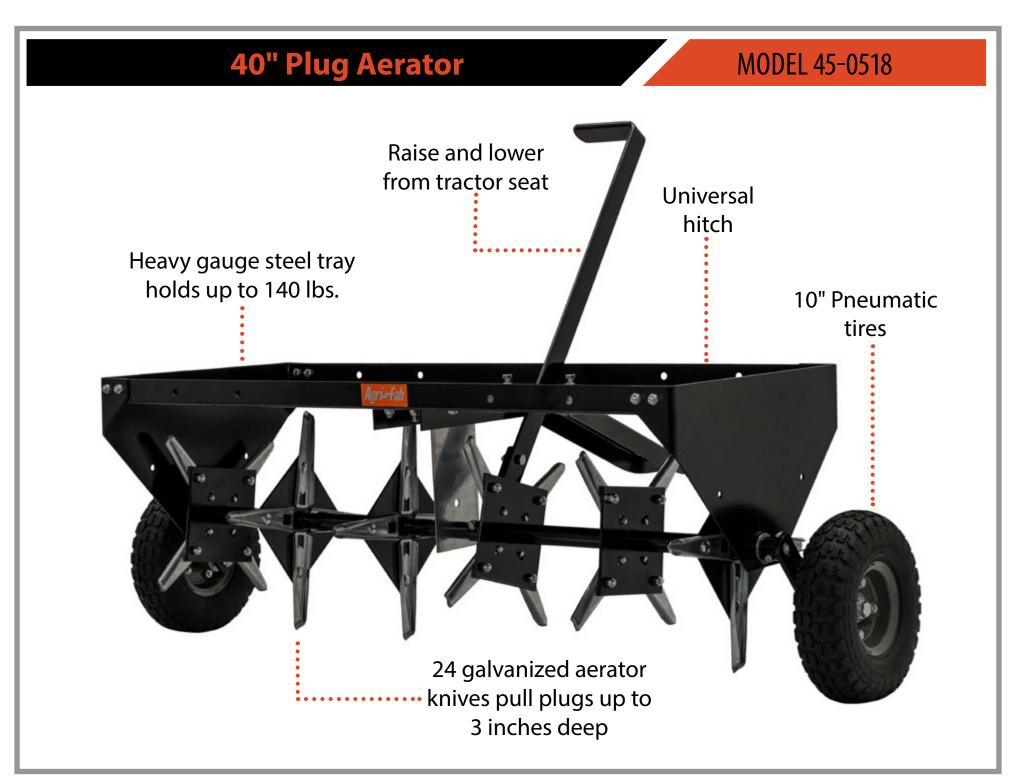
Attaches to SmartLINK<sup>™</sup> master platform in seconds

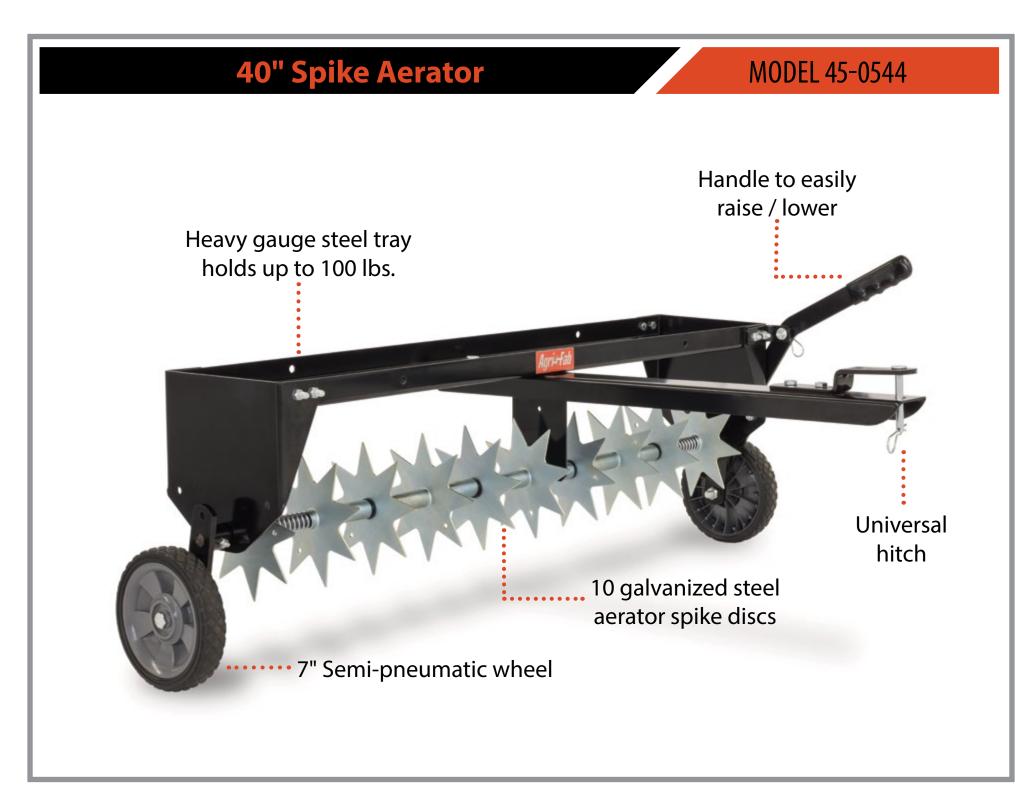


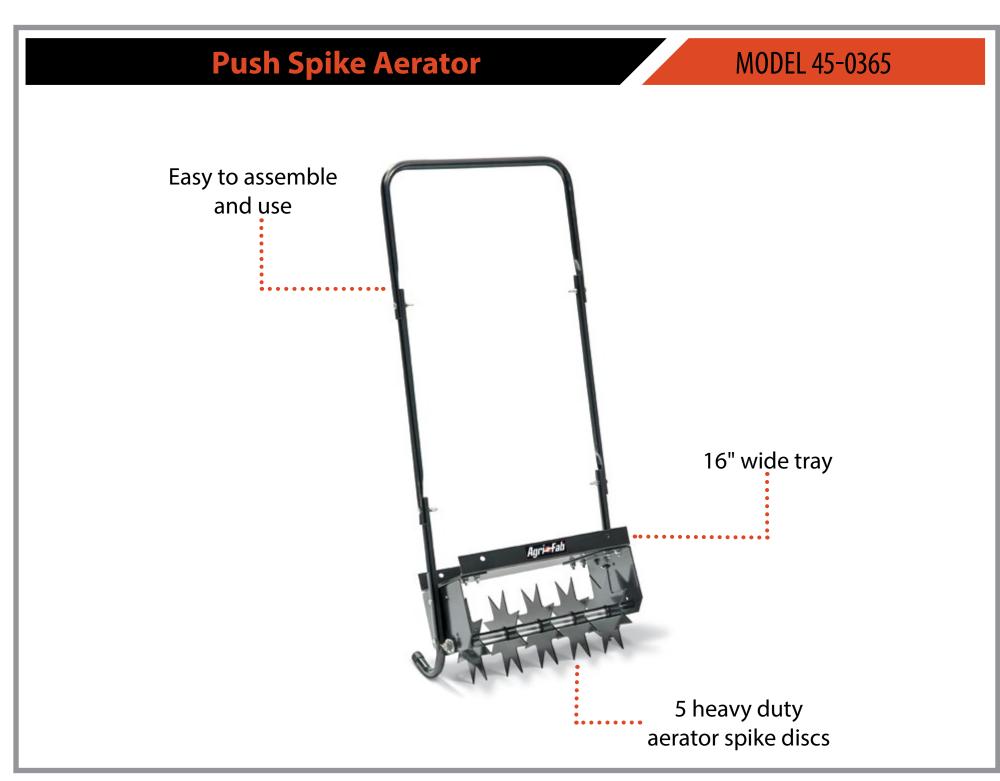
# **48" Plug Aerator**

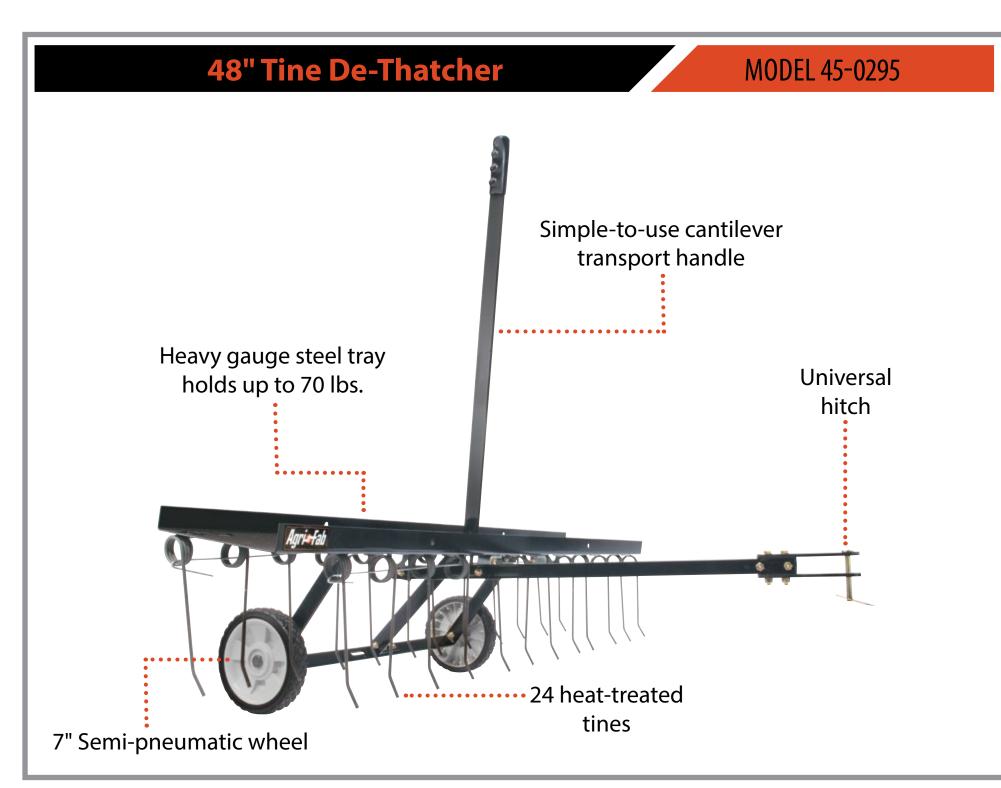
# MODEL 45-0299

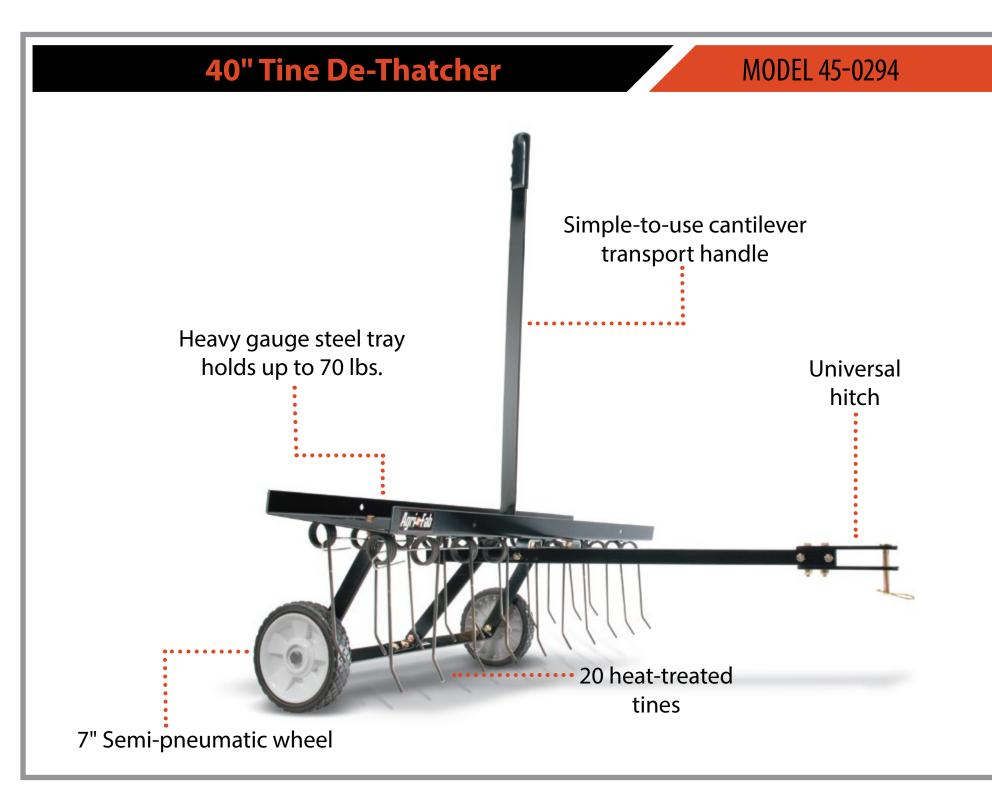




















# About Ground Engaging

Agri-Fab<sup>®</sup> produces a variety of durable ground engaging products that allow you to groom your property effectively.

Tillers and cultivators are great for preparing the soil for your garden and keeping it weed free throughout the season.

Our rock rake and scraper box can be used on dirt or gravel to help keep the rest of your property looking great!

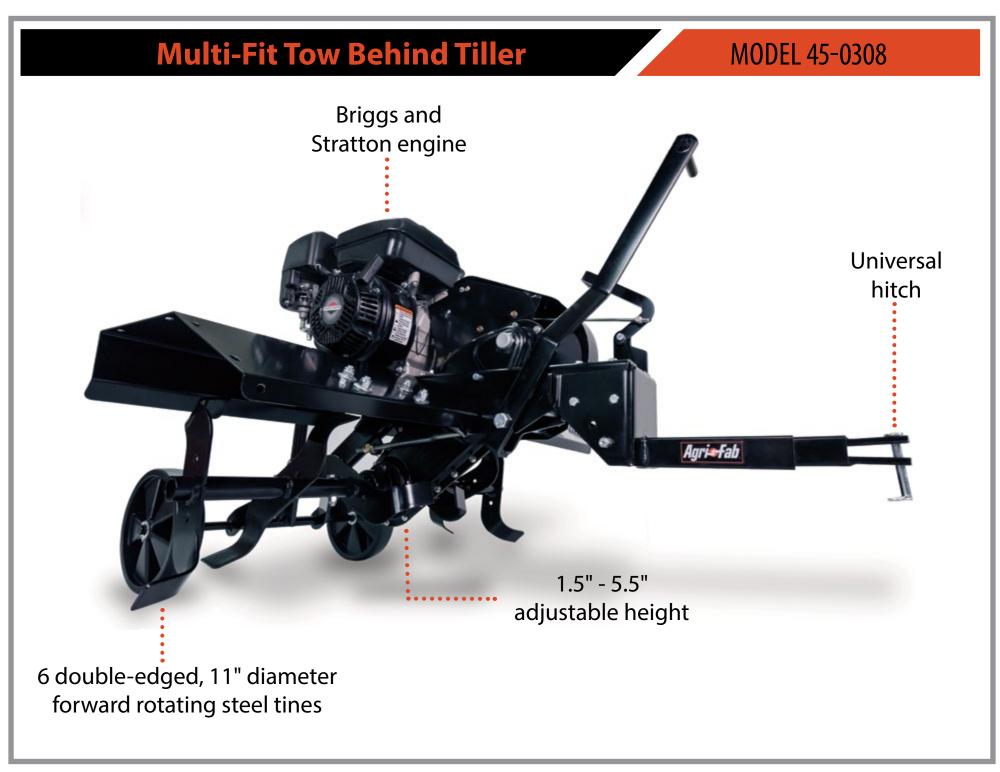


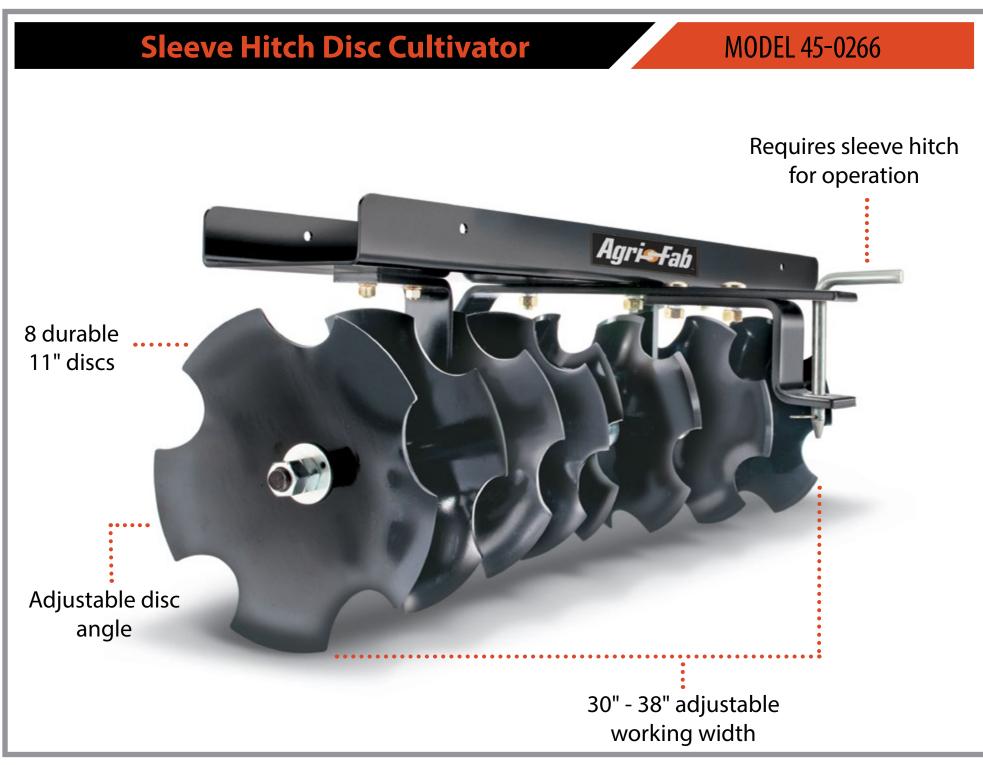












# **Sleeve Hitch Scraper Box** MODEL 45-0265 Requires sleeve hitch for operation Agri<del>s f</del>ab 0 42" working width









## **About Rollers**

If you're looking for that perfect lawn, an Agri-Fab<sup>®</sup> lawn roller could be your answer.

It's one of the best and easiest ways to make your lawn look great. After a long winter a roller levels out your lawn, removing all the bumps and depressions that have naturally occurred. A roller is also good for new sod and freshly seeded lawns because it flattens the soil to promote stronger root growth.



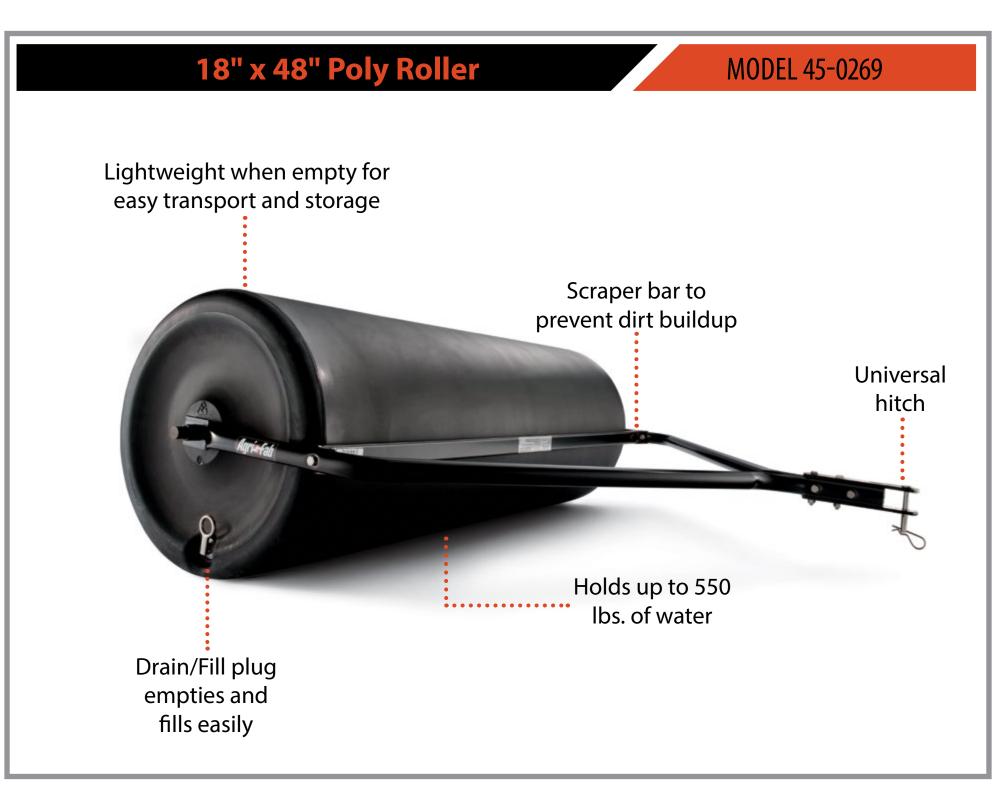


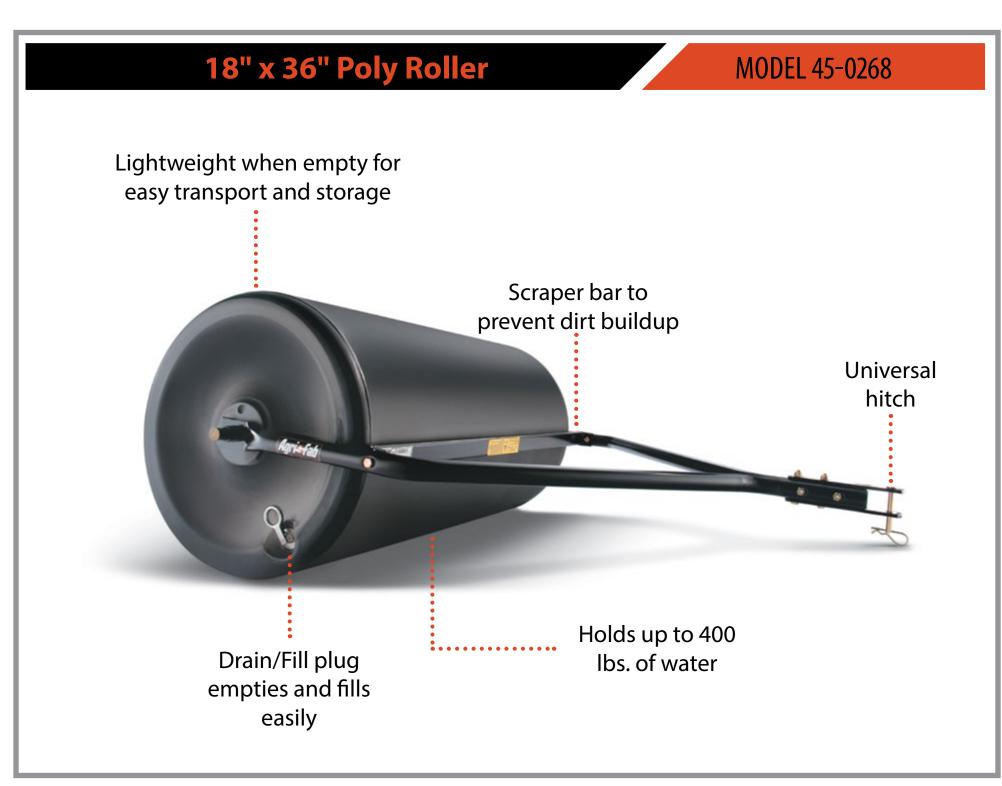


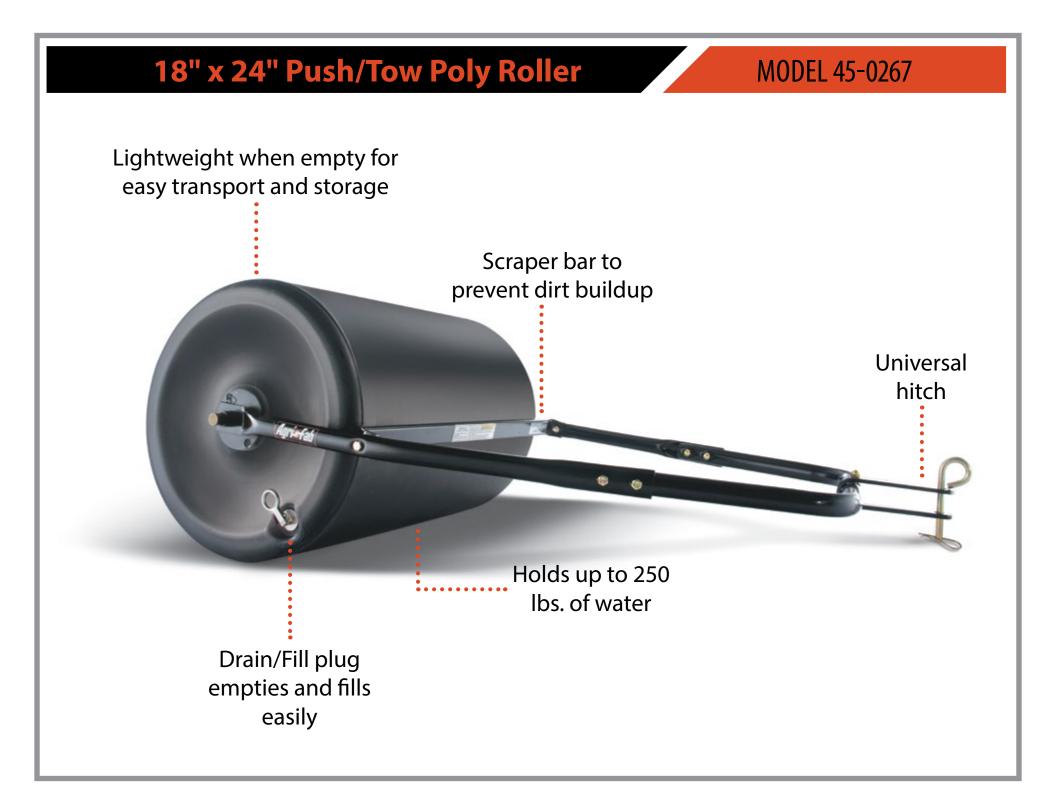






















### About Sprayers

Keeping your lawn and garden looking great can be tough. Liquid fertilizers, herbicides, and pesticides are convenient and effective for large lawn and garden applications.

Agri-Fab<sup>®</sup> sprayers are available in two sizes and include a hand wand for targeted spray around trees and bushes.

















# **15 Gallon Tow Sprayer**

















## Why Fertilize?

Your spreader is designed to evenly fertilize your lawn with nutrients it needs for growth, color, root strength and overall health.

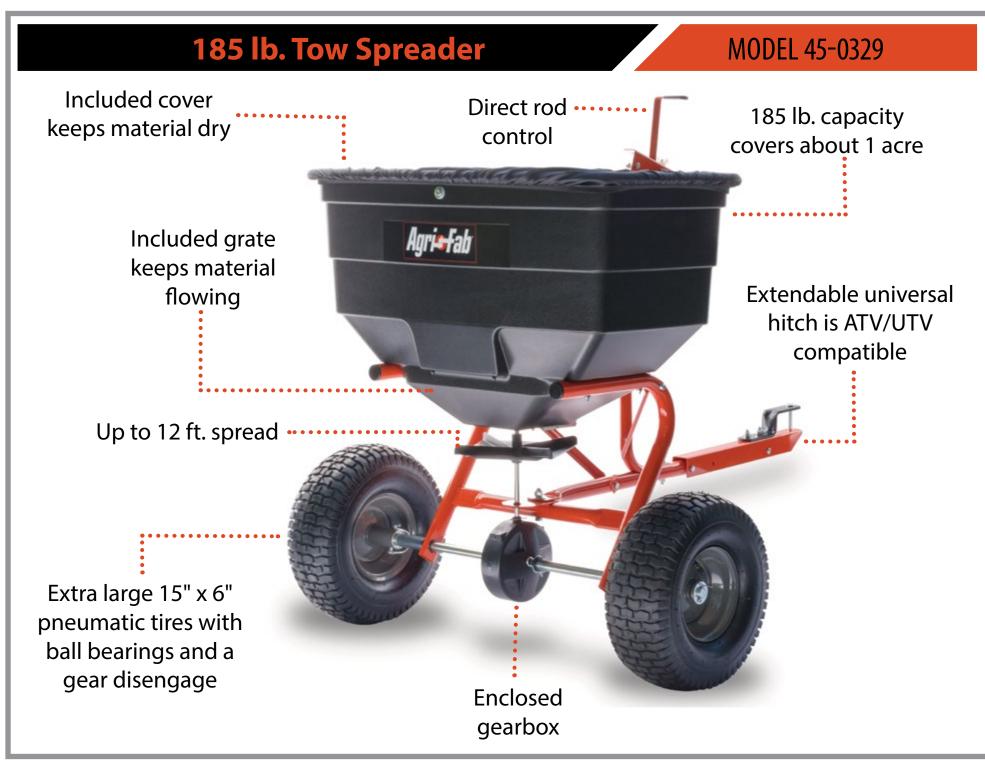
Late summer and early fall are the best times of the year to fertilize your lawn. The summer is an excellent time to give your lawn a boost. In the fall, fertilizing gives your lawn extra strength for the winter.

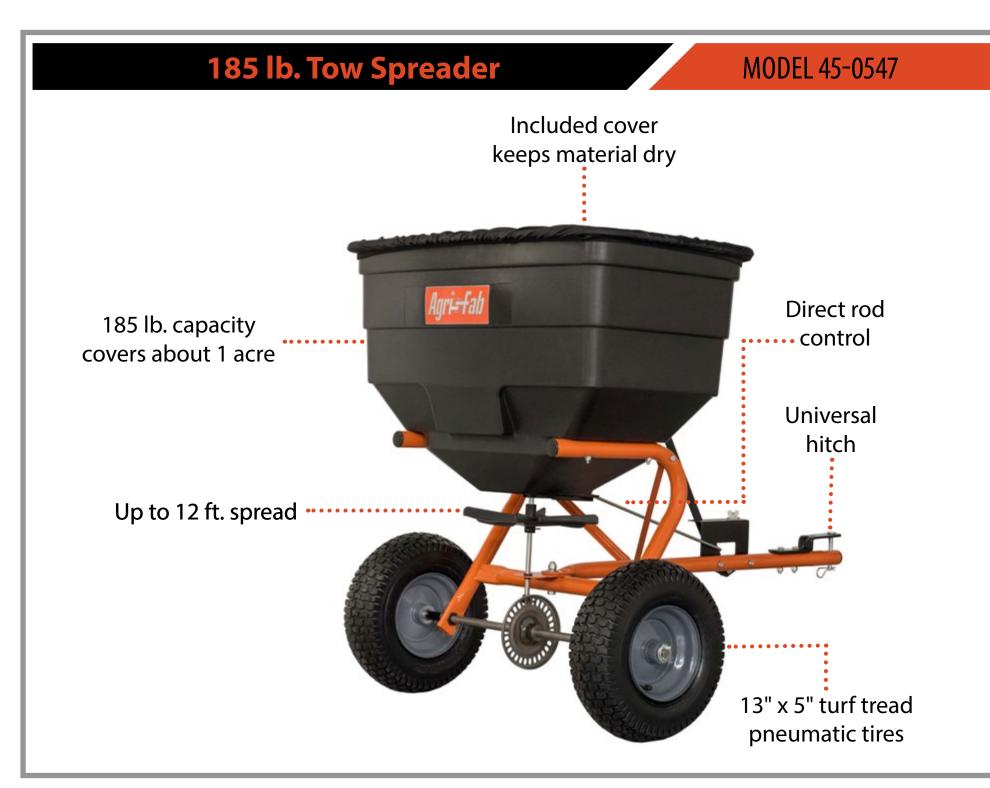




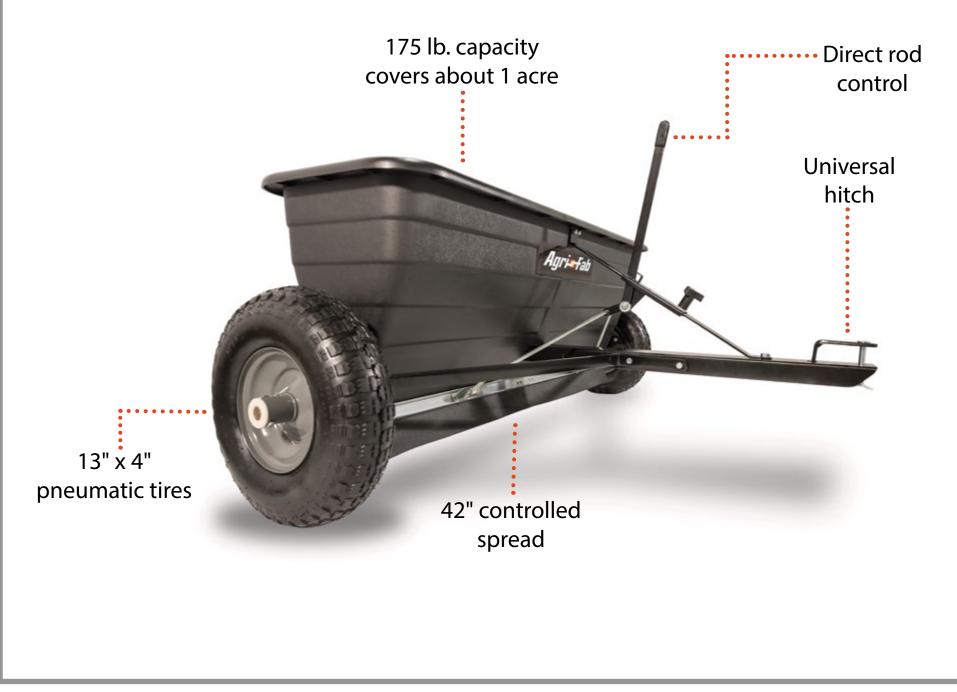


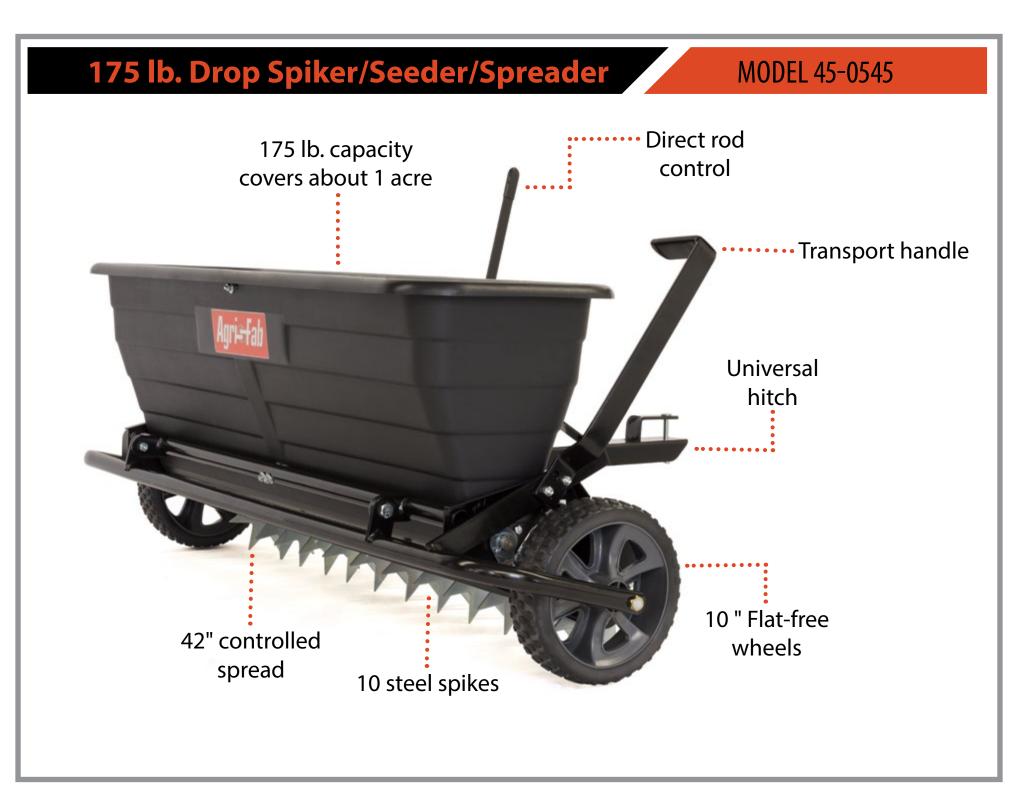






# 175 lb. Tow Drop Spreader

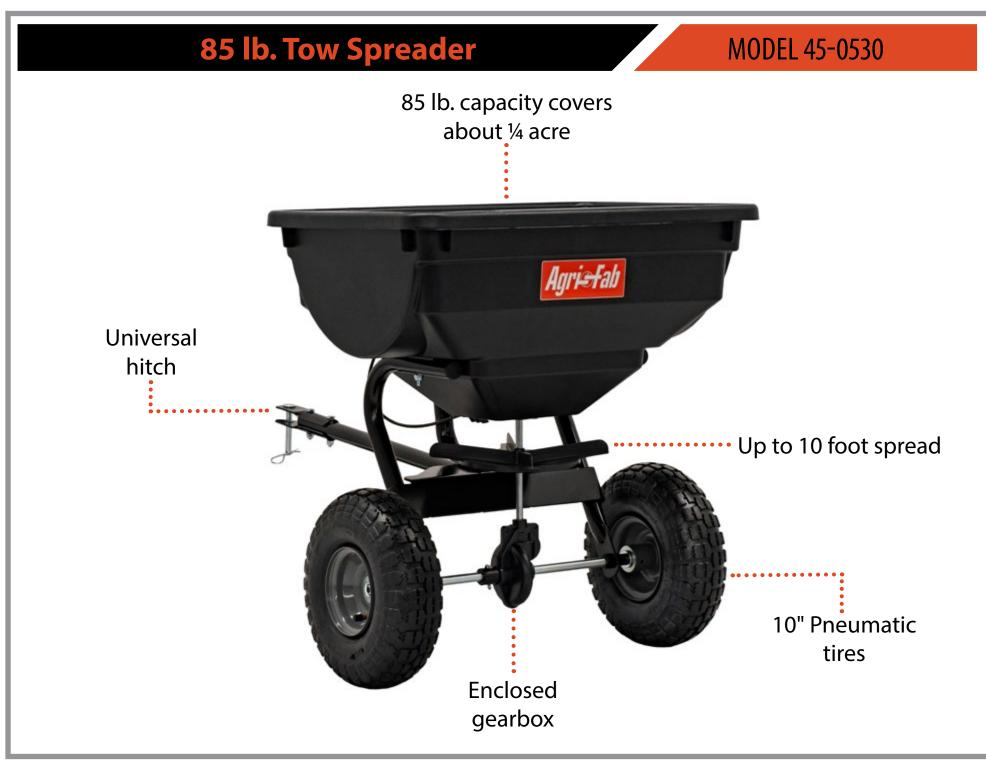














## 130 lb. Push Spreader





# 85 lb. Push Spreader













## **Spreader Grates**

Easily attaches to Agri-Fab<sup>®</sup> spreaders without tools. Grate improves material flow and spreader performance.

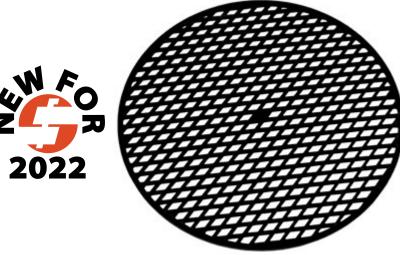
69411 Grate – Fits 130 lb. & 110 lb. spreaders



69128 Grate – Fits 85 lb. spreaders







## **Spreader Deflectors**

6-197 Deflector - Fits 130 lb. & 110 lb. spreaders



Easily attaches to Agri-Fab<sup>®</sup> spreaders.

Narrows spread width for sidewalks or to protect plants.

Multiple flaps allow for precise spread pattern control.

69115 Deflector - Fits 85 lb. spreaders



Easily attaches to Agri-Fab<sup>®</sup> spreaders without tools.

Narrows spread width for sidewalks or to protect plants.

# **Spreader Hopper Covers**

Hopper covers are ideal for keeping spreader material dry.

Agri-Fab<sup>®</sup> hopper covers are made of vinyl with nylon for durability.

40825 Cover – Fits 185 lb. spreaders



40883 Cover – Fits 85 lb. spreaders



6-145 Cover – Fits 50 lb. spreader







### FERTILIZING

#### WHY fertilize?

Fertilizer is designed to feed your lawn with the nutrients it needs. These nutrients are Nitrogen, Phosphorus, and Potassium (N, P, K). When fertilizer is applied properly, your lawn will look better and be healthier than before.

#### WHAT type of fertilizer should I use?

Fertilizers are available in different varieties, with different amounts of active ingredients. Ingredients are always listed in the N-P-K order. Fertilizer with a high N number such as 12-8-4 should be used for lush plants. To strengthen the root system, choose a high P number, such as 5-10-5. A good all-around fertilizer would be 10-10-10.



#### WHEN should I fertilize?

Late summer and early fall are the best times of year to fertilize your lawn.

Fertilizing during the summer gives your lawn the strength to thrive during its main growing season. A well-fed lawn will be better equipped to handle extreme weather conditions and pests.

Fertilizing in the fall gives your lawn a boost for the winter and will help it in the early spring.

We don't recommend fertilizing your lawn in the spring because the extra nitrogen can cause a growth spurt that is actually bad for the lawn. If you must fertilize in the spring, choose a low nitrogen fertilizer.

#### HOW do I apply fertilizer?

Start at the edges of your lawn first. For a square or rectangular lawn, make two passes at opposite ends of the lawn; for an irregular or circular lawn, make two passes around the perimeter. Then move back and forth in straight lines between the edges, making sure to turn the spreader off when turning around. With a drop spreader, overlap the path of the wheel to avoid striping.

After fertilizing, water the lawn thoroughly. You want to wash the nutrients off the leaves and into the soil.

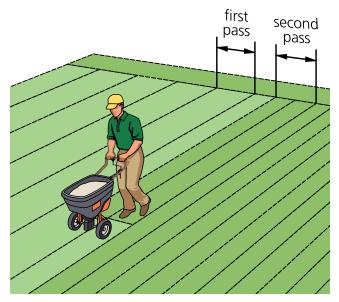
#### HOW MUCH fertilizer should I use?

Refer to the instruction on your fertilizer bag.



### HOW TO MEASURE THE SIZE OF YOUR LAWN

You'll need to know the size of your lawn to determine how much product you need. It also helps when choosing lawn equipment.



- For a rectangular or square lawn, simply multiply the length times the width for total square feet.
- If your lawn is a triangle, multiply the length of the base times the height, and divide that number by 2.
- If your lawn is circular (or close), measure the distance from the center of the lawn to the edge. This is the radius. Multiply that number by itself (r<sup>2</sup>), and then multiply by pi (3.14).
- If your lawn is irregular, you can break it up into smaller areas, figure those sizes and then add them up.
- Convert square footage to acreage by dividing your total area by 43,560, the number of square feet in a single acre.

### **SPREADERS**

There are two basic types of fertilizer spreaders: drop and broadcast, and they come in a variety of sizes. Use the charts below to help you decide which type of spreader is best for your job and the size you will need based on yard size.

#### Recommended Type of Spreader

ТҮРЕ	MATERIAL			
	Grass Seed	Fertilizer	Granular Herbicide	Ice Melt
DROP	better	good	best	good
BROADCAST	good	best	good	best

(Hand-held spreaders are useful tools also, and are good for over-seeding or fertilizing small areas, or for applying ice melt to driveways and sidewalks.)

#### **Recommended Spreader Size**

YARD SIZE	SPREADER SIZE	
Approx. 1 acre/40,000 sq. ft.	185 lb.	
Approx. ½ acre/25,000 sq. ft.	130 lb.	
Approx. <sup>1</sup> /₃ acre/14,500 sq. ft.	100 lb.	
Approx. ¼ acre/10,800 sq. ft.	85 lb.	

1 acre = 43,560 sq. ft.











## Why Use A Sweeper?

Many people are unaware of the benefits of a lawn sweeper. Most use a rake to clear away leaves, grass clippings, and debris. That's hard, time consuming work. With a sweeper, the job becomes much easier on you and your lawn.

Sweepers have some advantages when compared to baggers. The sweeper holds almost twice as much and you can also empty it without getting off the tractor.













## 52" Lawn Sweeper

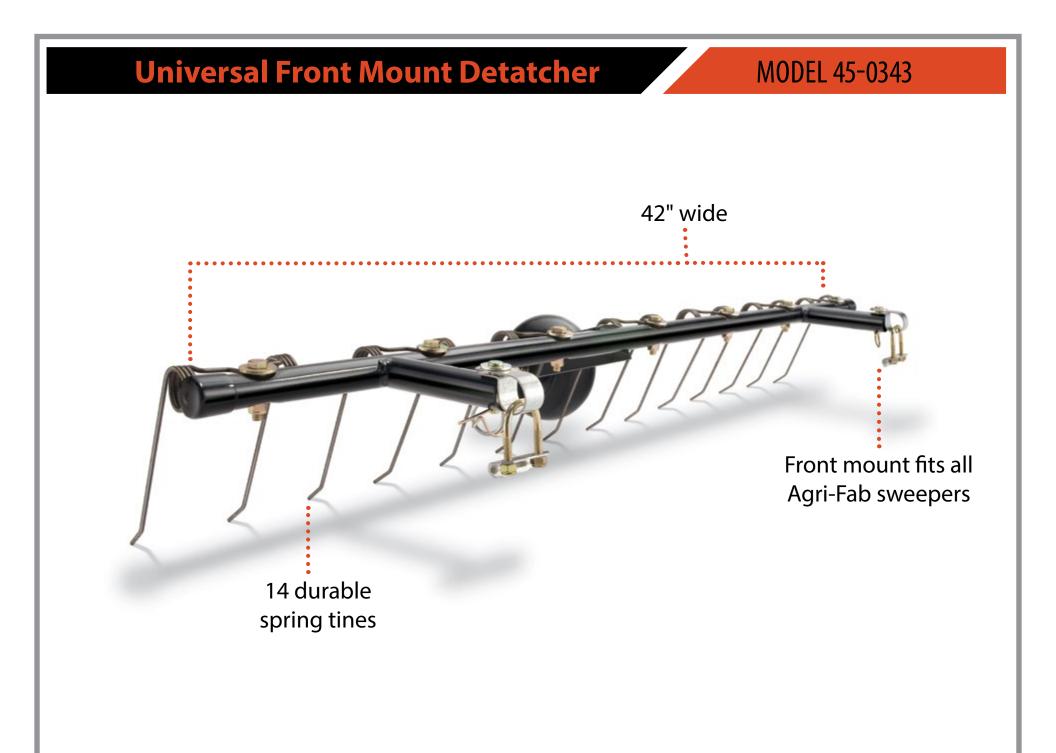


### 44" Lawn Sweeper



### 42" Tow Lawn Sweeper

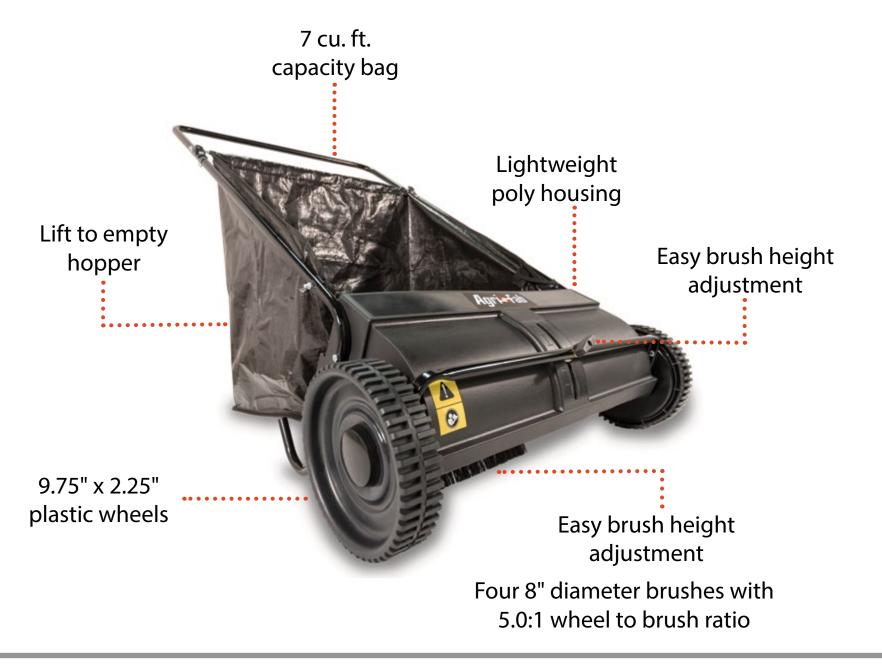




#### 30" Push Lawn Sweeper



### 26" Push Lawn Sweeper







#### Why Use A Vac?

Designed for home owners with large lawns and lots of trees; the Agri-Fab® Mow-N-Vac® and Chip-N-Vac® are ideal for maintaining large properties.

Both vacs mulch all your leaves and other debris while cleaning your property. The Chip-N-Vac<sup>®</sup> easily chips tree branches up to 2" in diameter.













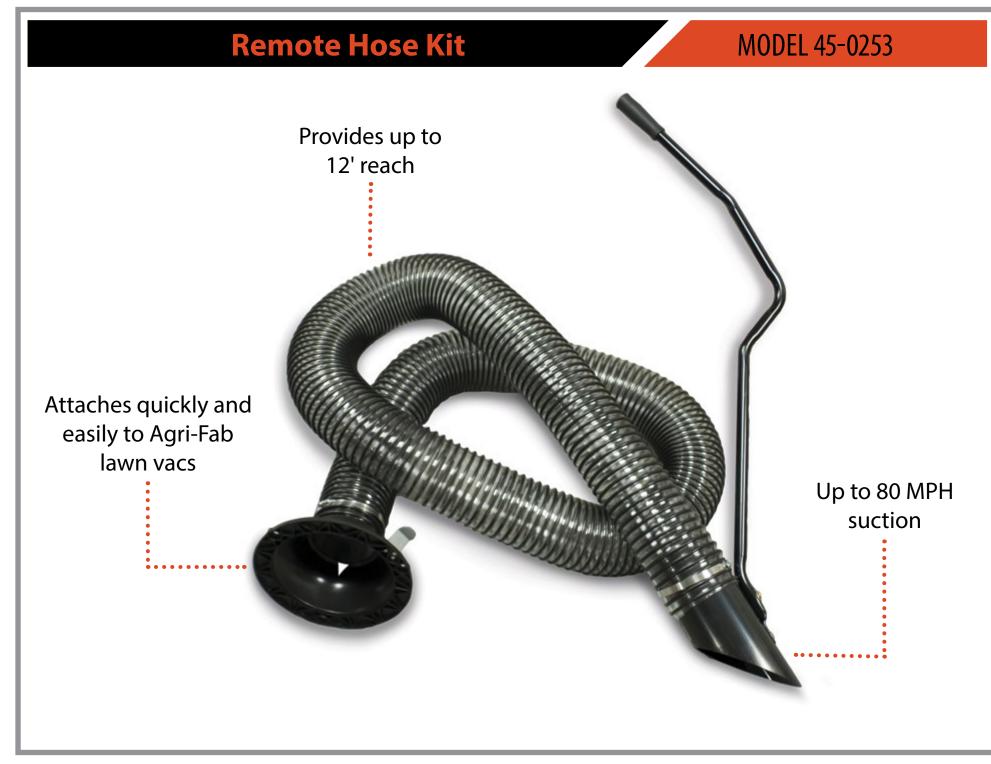
### Hard Top Chip-N-Vac®



### Hard Top Mow-N-Vac®



## **Soft Top Mow-N-Vac®** MODEL 45-0567 Universal deck 23.3 bushel/29 cubic adapter fits most foot capacity tractors Briggs and Stratton engine Universal hitch 10.5 foot long hose





# **3Yr Warranty**

#### Agri-Fab<sup>®</sup> Consumer Limited Warranty

Some Agri-Fab<sup>®</sup> Consumer Attachments are warranted for three (3) years with the exception of wear parts. This warranty does not cover misuse, negligent handling or lack of reasonable maintenance and product care. For more information regarding this limited warranty or other Agri-Fab<sup>®</sup> family product warranties, please contact our Customer Care Department at 800-448-9282 or visit our website at www.agri-fab.com.

Exception...Agri-Fab<sup>®</sup> engine-powered products are warranted for one (1) year excluding wear parts. Actual engines on Agri-Fab<sup>®</sup> enginepowered products are covered by the engine manufacturer.\* Product used in commercial applications warranted for 90 days.

#### \*Wear parts are subject to change without notice.

This document is protected under the U.S. Copyright Laws and the copyright laws of foreign countries, pursuant to the Universal Copyright Convention and the Berne Convention. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage or retrieval system, without the express written permission of Agri-Fab\*, Inc. Unauthorized uses and/or reproductions of this document will subject such unauthorized user to civil and criminal penalties as provided by the United States Copyright Laws.

#### Agri-Fab<sup>®</sup> Consumer Limited Warranty

Consumer products indicated with 5 year warranty badging are warranted for five (5) years with the exception of wear parts. This warranty does not cover misuse, negligent handling or lack of reasonable maintenance and product care. For more information regarding this limited warranty or other Agri-Fab<sup>®</sup> family product warranties, please contact our Customer Care Department at 800-448-9282 or visit our website at www.agri-fab.com.

**5Yr Warranty** 

Exception...Agri-Fab<sup>®</sup> engine-powered products are warranted for one (1) year excluding wear parts. Actual engines on Agri-Fab<sup>®</sup> engine-powered products are covered by the engine manufacturer.\* Product used in commercial applications warranted for 90 days.

#### \*Wear parts are subject to change without notice.

This document is protected under the U.S. Copyright Laws and the copyright laws of foreign countries, pursuant to the Universal Copyright Convention and the Berne Convention. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage or retrieval system, without the express written permission of Agri-Fab\*, Inc. Unauthorized uses and/or reproductions of this document will subject such unauthorized user to civil and criminal penalties as provided by the United States Copyright Laws.

#### **SpeedEPart**®

SpeedEPart<sup>®</sup> is the easiest way to order Agri-Fab<sup>®</sup> or the Agri-Fab<sup>®</sup> family of parts. SpeedEPart<sup>®</sup> is available when you need to order parts, 24 hours, 7 days a week, 365 days a year. Most part orders are shipped within the following 24 hours, with the exception of holidays and weekends. To order parts under warranty, please contact our Customer Care Department at **800-448-9282**.

## LAWN CARE CALENDAR



- Sweep up winter lawn debris to prevent mold.
- Roll lawn to level out uneven areas caused by freezing and thawing soil.
- Aerate to open up compacted soil.
- Overseed bare areas.
- Apply pre-emergent herbicide in early spring.
- Start mowing only after grass has started to actively grow again. (Mower height depends on your species of grass and your climate, but a general rule is to mow slightly lower in the spring and fall; higher in the summer.)
- Apply a light dressing of low-nitrogen fertilizer in late spring.

- Apply grub control product in early summer.
- Mow grass regularly. (Adjust mower height in weather extremes: in drought conditions, mow higher and less often; in a wet season, mow slightly lower and more often.)
- Trim grass edges.

SUMME

- Fertilize and feed if necessary, but do not use these products during dry spells.
- Water grass deeply and only when really needed.





- De-thatch and sweep up debris.
- Aerate compacted soil if you didn't do this in the spring.
- Overseed bare areas if you didn't do this in the spring.
- Apply seed about a month before first frost.
- Apply a light dressing of fertilizer once in early fall, and again in late fall.
- Remove leaves.
- For final mowing, raise the mower height slightly.
- Spray perennial weeds.

- Perform maintenance on lawn care equipment according to your owner's manual.
- Sharpen mower blades.

**WINTER** 

- Remove fallen branches and winter debris as necessary.
- Apply fungicide in late winter/early spring.









agri-fab.com • 800-448-9282

809 South Hamilton Street Sullivan, IL 61951 info@agri-fab.com



