

SALFORD

TURF AERATION

AERWAY

SALFORD



ACHIEVE TOTAL PASTURE MANAGEMENT WITH Aerway

With almost 40 years leading the way in North American aeration experience the Aerway hay and pasture models have led the way in reliable results with compaction relief and increased yields in hay fields and pasture land.

Rejuvenating older stands by creating pockets and microfractures that allow better infiltration of water and air, Aerway not only increases the yields but the overall health of the stand is improved with a more robust root structure.





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SOIL AERATION BENEFITS

REVITALIZE YOUR SOIL WITH AERWAY® TECHNOLOGY

Only patented Aerway® Shattertines lift and fracture tough soil to increase air and water movement. As the Aerway moves over the surface, the unique angles of the Aerway Shattertines crack and shatter compacted soil 8 in. and deeper to open new channels for air and water. Plants respond with stronger roots and better yields. Plus, you'll see improved fertilizer utilization, reduced runoff, and greater soil moisture retention. See for yourself why thousands of cattlemen and hay producers agree - there's nothing else like Aerway.

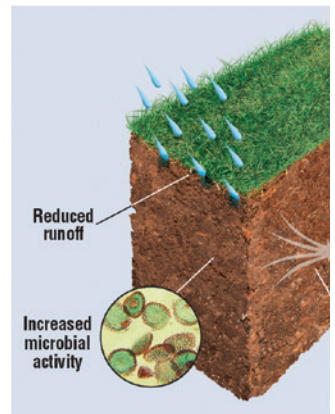


SOIL BASICS

Three systems, physical, biological and chemical, work together to make soil productive. Soil scientists agree that the physical condition of soil is the key to efficient biological and chemical activity, which in turn determines how much plant life the soil can support.

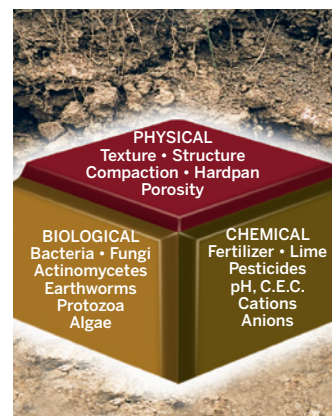
Soil tilth is a measurement of the balance between basic soil elements: air, mineral, water, and organic matter. The proper balance of these elements increase soil production by allowing efficient interaction of all the soil systems. Air and water balance in the soil is the key to good root growth.

Compaction stresses plants because air and water are "squeezed" from the soil. Biological and chemical activities which depend on air and water become severely restricted. Root growth is impaired, crop production suffers.



MECHANICAL AERATION WITH AERWAY IS THE ANSWER

Since soil compaction is a physical problem, the best solution is mechanical aeration. The ideal type of aeration treatment is fast, efficient, cost effective, and easy to perform – just what you get with patented Aerway Shattertine aeration.

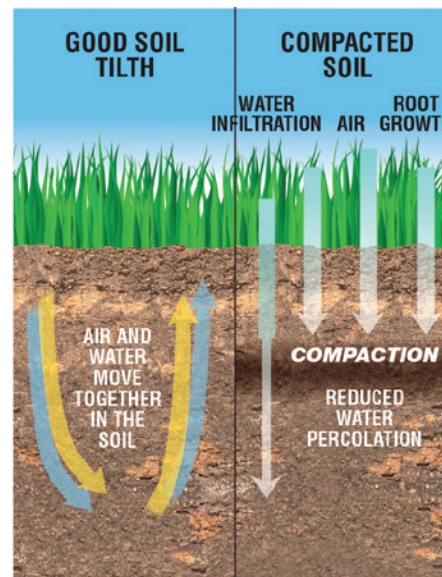
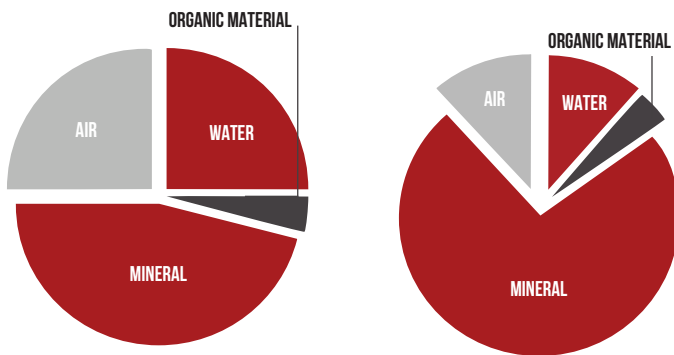


COMPACTION RELIEF WITH AERWAY

AIR & WATER MOVE TOGETHER

Correcting compaction makes a dramatic improvement in soil tilth. It is the most basic step you can take to improve crop production. That's because air and water move together in the soil profile. With proper air / water balance in the soil, all the biological and chemical systems work at peak efficiency.

Compaction makes both wet and dry soil conditions more severe. It reduces the water holding capacity of soil which makes drought conditions worse, and inhibits drainage to make wet conditions more troublesome.



Jerry Richard
Woodstock, Ontario
Oxford Golf & Country Club

Aeration, while it is one of the most despised operations by golfers, is probably the single most beneficial cultivation practice that you can do on turf, especially high traffic, low mowed turf. The benefits include compaction relief and subsequently reduced stress to turf, improved drainage, added oxygen to the soil, deeper roots, incorporation of topdressing materials, break down of surface tension and relief from hydrophobic soil conditions and more effective and efficient nutrient uptake by the plant. The AerWay has proved to be both rugged and fast in doing our fairways and roughs.

AERWAY'S® QUICK ADJUST ADVANTAGE

The patented Aerway® Quick Adjust rollers allow you to control the degree of aeration and renovation. For example the lesser swing angles are used for aeration and compaction relief and the more aggressive angle for renovation and overseeding.



0 DEGREE ROLLER ANGLE



5 DEGREE ROLLER ANGLE



10 DEGREE ROLLER ANGLE



RAINFALL

Heavy rainfall disrupts the smallest particles on the surface and forces them into pore spaces near the surface creating layers of compaction.

High traffic loads break down soil particles and forces them together. This reduces the pore space needed for air and water movement. The effect is worse in wet conditions when particles move more freely.

COMPACTION RELIEVED

- Increased pore space
- Reduced bulk density
- Increased gas exchange
- Efficient nutrient movement
- Optimum water contact
- Increased air content

SOIL CONDITIONS

- Increased water infiltration
- Improved drainage
- Reduced erosion
- Greater root mass
- Increased microbial activity
- Less nutrient leaching
- Reduced risk of injury

PLANT RESPONSE

- Even turf growth
- Well developed plants
- Deeper, healthier roots
- Increased root mass
- Better drought tolerance
- Improved disease resistance
- Decreased weed pressure

The bottom line is that relieving soil compaction is the first step to increase soil productivity. Compaction relief is the single most cost-effective method for producing healthy turf grass.

AERWAY TINE OPTIONS

The cost-effective, low-maintenance, and durable turf solution of the AERWAY Turf provides you with Salford dependability with its long-lasting options.



SHATTERINES®

Low-cost, low-maintenance, and long-lasting option for your turf needs. Fractures tough soil, enhances air, water, and nutrient movement, and promotes stronger root systems and healthier top growth of plants.



SPORTSTINE®

A heavy-duty, 6-inch venting aeration tine that can be easily fitted to any AerWay frame. A fast, effective, and economical 6-inch venting aeration tine for sports fields, fairways, tees, and approaches that can be used mid-season.



FINETINE®

A reliable solution for relieving surface compaction and penetrating up to 6 inches on greens, tees, approaches, and fine turf. When combined with the "Greens Express" smoothing roller on most AerWay frames, you can aerate up to 18 greens in just three hours.



CORINGTINE®

Ideal for dethatching, topdressing, and overseeding preparation on fairways and sports fields with a 3/4" diameter and 4" length. It can be used at high speeds and is available in 4", 5", and 6" centers to fit a variety of AerWay frames.



SUPER FINETINE®

A thatch management tool that maintains infiltration rates between verticality and coring treatments for greens, tees, approaches, and fine turf on 3" x 3" centers. Plus, when used with the smoothing roller, it's a fast and non-disruptive solution for your turf maintenance needs.

OUTFITTERED HOW YOU NEED IT

You can outfit your AerWay with any of our five tine options for use on golf course fairways, greens, sports fields and large areas of maintained turf grass. Select the right tine or change out the complete roller system for the Aeration treatment you need.

OPTIONS

AERWAY FRAME OPTIONS

3-POINT HITCH



Standard Category 1, or 2 three-point hitch (depending on size) for basic sports turf and fairway aeration.

STANDARD FEATURES

- Bolt-on replaceable tines
- Built-in frame stands, ballast tank

OPTIONS

- Shattertine®, Sportstine®, Finetine®, Coring Tine or Super Finetine®
- Greens Express Smoothing Roller kit
- 5" tine spacing (Sportstine® & Finetine® only)
- Single or two roller
- Super Finetine® 3", 4", 5", 6" Tine spacing
- Coring Tine 4", 5", 6" Tine spacing

MODEL NUMBER	HORSEPOWER REQUIRED	WEIGHT(APPROX.)
45"	15 - 22 hp.	977 lbs.
60"	20 - 30 hp.	1143 lbs.
75"	25 - 35 hp.	1223 lbs.
90"	30 - 40 hp.	1398 lbs.

HYDRAULIC TAG-ALONG



Designed for use with tractors or utility vehicles. Pneumatic turf tires make transport convenient.

STANDARD FEATURES

- Bolt-on replaceable tines
- Ballast tank
- Wheels/hydraulics
- Safety lock out

OPTIONS

- Shattertine®, Sportstine®, Finetine®, Coring Tine or Super Finetine®
- Coring Tine 4", 5", 6" Tine spacing
- 5" tine spacing (Sportstine® & Finetine® only)
- Greens Express Smoothing Roller kit
- Single or two roller
- Super Finetine® 3", 4", 5", 6" Tine spacing

MODEL NUMBER	HORSEPOWER REQUIRED	WEIGHT(APPROX.)
45"	18 - 25 hp.	1194 lbs.
60"	25 - 35 hp.	1437 lbs.
75"	30 - 40 hp.	1587 lbs.
90"	35 - 50 hp.	1753 lbs.

Simply choose your frame style, select the appropriate tine and add the options for your application.

ADJUSTABLE ROLLER

On certain AerWay® models, the user has the ability to offset the rollers of the Shattertine® equipped units for renovation purposes. This can be accomplished by changing two bolts on the outboard end of each roller. The manual unit has three positions of offset, 0, 2 1/2 and 5 degrees.



GREENS EXPRESS

The AerWay® Greens Express smoothing roller option allows the operator to lift the roller completely off the ground to leave the aeration holes open, or adjust tine penetration in less than one inch increments, or support the tined roller completely out of the ground for use exclusively as a smoothing roller.



LIQUID BALLAST TANK

Standard on all AerWay® units, provides an easy and effective way to ballast the AerWay for complete ground penetration. It comes complete with straps and an evacuation spout. The ballast tank should always be completely filled.



TANK LENGTH	47"	62"	77"	92"
TOTAL BALLAST	650 lbs.	860 lbs.	1040 lbs.	1250 lbs.



See our full line of products and find your local dealer at salfordgroup.com or call 1-866-442-1293



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SALFORD FIELD YOUR BEST.



ONTARIO, CANADA OSCEOLA, IOWA CORNELIA, GEORGIA ELIE, MANITOBA