

SPOTLIGHT on MACHINERY-AERWAY AERATOR & VALMAR APPLICATOR

Manufacturer: Salford Group

Model: Aerway® C-Flex Single Row Aerator

Year of purchase: 2009

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Model: Valmar 1665 air seeder-mount inoculant Applicator

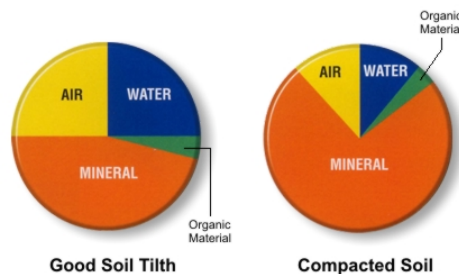
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Introduction

Why Aerate? Compaction is the enemy!

- Compacted soil has had the air space squeezed out by machine, animal feet or nature itself (rain). Root growth, therefore plant production is inhibited.
- Healthy soil contains a balance of mineral, air, water and organic matter. Approximately 1/4 of the volume of a healthy soil is made up of air pores.
- AerWay Shattertine technology refers to the twist and lean of the tine and the ability of the tine to lift the soil like a small spade, shattering the compacted layers and recreating the air space in the soil profile.
- Aerated soil is loosened soil with ideal air/water balance and an environment for maximum root growth.
- Soil tilth is the measurement of the balance between basic soil elements: mineral, air, water, and organic matter. The proper balance of these elements increases 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.

Good Soil Tilth is Important!



<http://www.aerway.com/index.php?page=ag&page=overview>

Operation:

- Cultivation width (Aerator): 12'6"
- Hopper capacity (Applicator): 33 cu ft
- Injectors (Applicator): 8 air seeder tower injectors

Tractor requirements:

- Recommended Tractor power: >100 HP
- Power Take Off (PTO): No
- Hydraulic connections: Two sets

Transport:

- Transport width: >14'6"
- Weight: nd
- Example of appropriate tractor transport:
 - Hitch on tow bar, max speed 35 km/h
- Example of appropriate trailer transport:
 - Load by reversing into a trailer using a tractor

More info

Visit the [Manufacturer's webpage](#) (Aerator):

<http://salfordgroup.com/aerway-harrow-attachments-1>

Visit the Manufacturer's webpage (Applicator):

<http://salfordgroup.squarespace.com/1665-air-seeder-mount-inoculant-applicator>

Open the [Catalog \(Aerator\)](#):

<https://salfordgroup.squarespace.com/assets/Catalogs/AerwayMay2016/index.html>

Open the [Catalog \(Applicator\)](#):

https://salfordgroup.squarespace.com/assets/Catalogs/Valmar%202015_08/index.html

See a [Video](#) (Aerator):

<https://youtu.be/Bj9H-Pbcbrl>

Rental

For rental rates, visit [YAA website](#):

<http://www.yukonag.ca/equipment.cfm>.

Rental arrangements can be made through the YAA office; please note that YAA membership is a requirement for rental. For more information about rentals or membership, please contact the YAA office:

867-668-6864 or admin@yukonag.ca

