Soil Restore

Benefits :



- All kinds of soil instantaneously turn into a poly-porous aggregation on application of diluted **Soil Restore** through simple-watering.
- **Soil Restore** remarkably improves rooting and root spread.
- **Soil Restore** improves: - porosity
  - water infiltration & permeability
  - air permeability
  - water holding capacity
  - fertilizer holding property
  - soft and poly-porous conditions
- **Soil Restore** prevents soil erosion.
- **Soil Restore** prevents soil compaction.
- **Soil Restore** prevents adhesion of clay and silt.
- **Soil Restore** increases resistance to slaking and dispersion of soil.
- **Soil Restore** increases disease resistance of plants.
- **Soil Restore** can occasionally replace the hollow-tine of the compacted area.
- Combination with **PERFECT SHIELD** and **DR. GREEN DRENCHING** can reduce the nematode population.



Properties :

Appearance	: Slightly Transparent Liquid
Properties	: Viscous Liquid
Components	: Water Soluble High Polymer Compound
Viscosity	: 3,000 ~ 9,000 CP (25°C)
pH	: 5 ~ 7
Solubility	: Water Soluble

Safety data :

ORDINARY SUBSTANCE

Fish Toxicity	: Classified As A
Skin Irritation	: Non Irritant to Skin
Eye Irritation	: Mild Irritant to Eyes

Application :

A. Improve Growing Medium:

1. Dilution 1:250 to 1:500.
2. Apply 3 to 6 liter **Soil Restore** per Ha.
3. Water 10 to 15 minutes after application.
4. To obtain better result, apply together with the **PERFECT SHIELD** at 1 liter per Ha.
5. Apply every 2 to 3 months.

B. Control of Nematode

1. Combination of **Soil Restore** (3 to 5 liter per Ha) with
   + **PERFECT SHIELD** (1 liter per Ha)
   + **DR. GREEN DRENCHING** (2 to 4 liter per Ha).
2. This treatment will reduce the Nematode population.

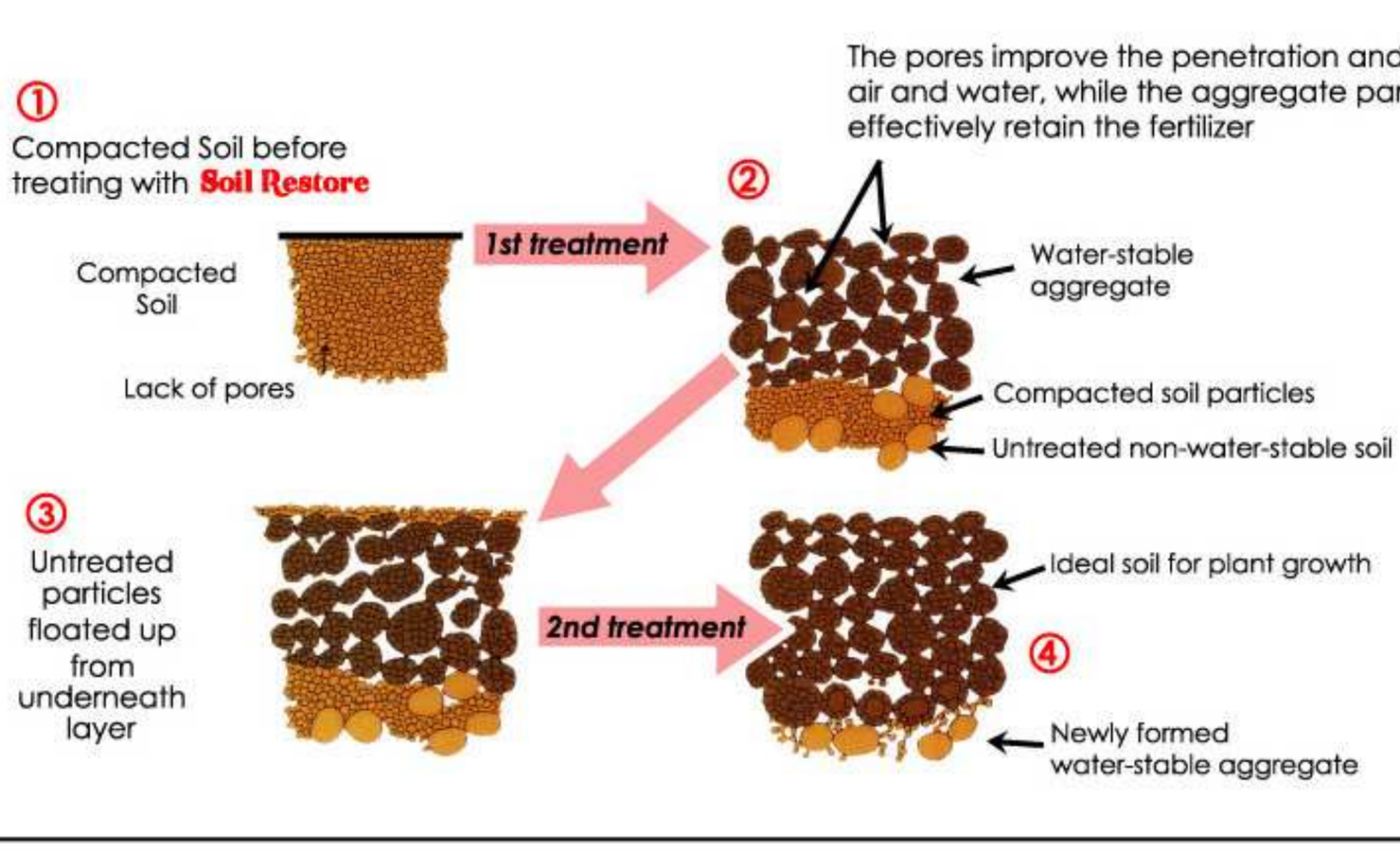
Why You Need Soil Restore to Improve Your Green, Tee and Soil?

1. No ordinary methods provide such simple and effective as **Soil Restore** to improve the physical structural of the growing medium.
2. Provide instantaneous result.
3. More economical compare to conventional cultural practices i.e. hollow-tining,vertidrain and etc.
4. It reduces the intensity for mechanical aerating.
5. The result of the treatment is stable and long lasting.
6. It is difficult and costly to obtain good qualities sand, soil and organic matters to have ideal growing medium.
7. Provide tremendous control of Nematode without using hazardous chemical.

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Soil Restore

The effects of Soil Restore Treatment on compacted soil :



The effects of Soil Restore Treatment :





EVALUATION OF FIELD TEST

TURF GRASS (ZOYSIA GRASS)

(Japan Racing Association)

ITEMS Plots	Above-ground Part Live Weight (g/m²)	Underground P art Dry Weight (g/m²)	Above-ground Part Dry Weight (g/m²)
Soil Restore	431	555	194
Untreated	266	161	128

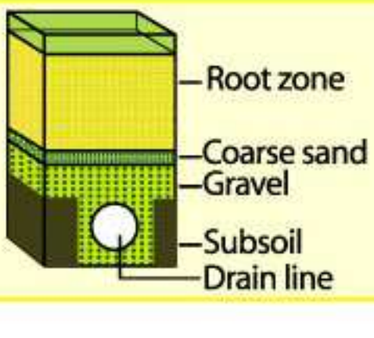
Note: Soil Restore at rate of 100ml/m² with dilution rate of 200 times
Application date: May 17
Investigation date: September 10 (Above-ground Part) , October 9 (Underground Part)

- The root weight of the Soil Restore plot was 2.5 times greater than that of the untreated plot.
- Turf grass with a well-developed feeder root grew well.

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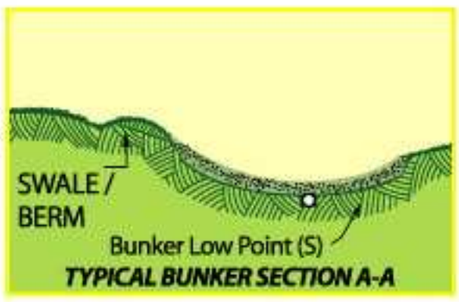
Soil Restore

Usage Instructions :



○ Green / Tee / Soccer Field

- Apply diluted **Soil Restore** solution to green to improve porosity, air and water permeability. Therefore ensure most conducive growth environment for the root system.
- For 1st time application, repeat after 30 days to ensure proper formation of water stable aggregates.
- Repeat every 2 to 3 months depends on traffic and weather conditions.



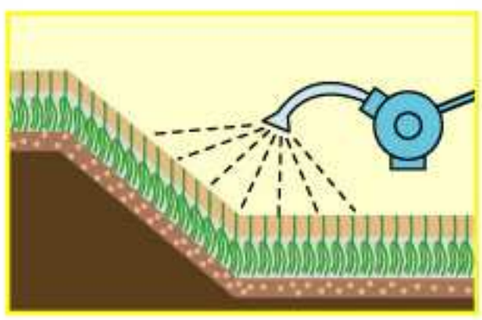
○ Bunker

- Apply diluted **Soil Restore** solution to Bunker will loosen the sand for easy raking.
- Improve the water penetration to subsoil drain and reduce water ponding on the bunker.
- For 1st time application, repeat after 30 days to ensure proper formation of water stable aggregates.
- Repeat application every 3 months.



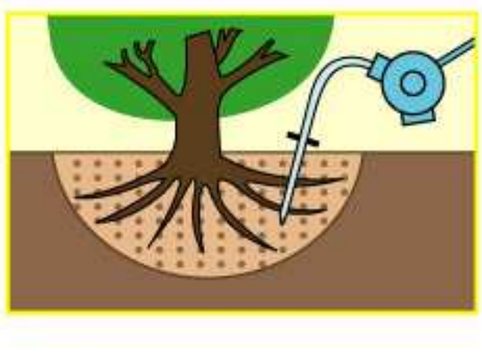
○ Ponding and Subsoil Area

- Apply diluted **Soil Restore** solution to the ponding area to improve the water penetration and reduce ponding.
- Ideally apply with installation of new subsoil drainage.
- Increase lifespan of subsoil drainage by 50%.
- For 1st time application, repeat after 30 days to ensure proper formation of water stable aggregates.
- Repeat every 3 to 6 months.



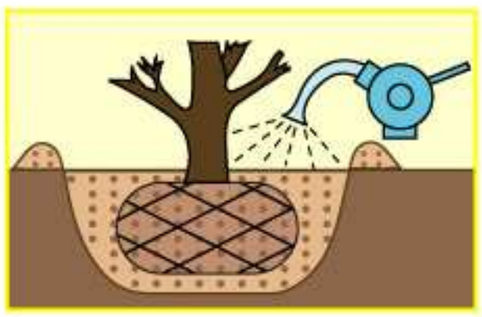
○ Lawn Grass

- Apply diluted **Soil Restore** solution to the sodding blocks until penetration of the bedding soil.
- Apply diluted **Soil Restore** solution to the turf seeding bed on the hillside. The soils don't flow down.



○ Soil Injection

- Inject diluted **Soil Restore** solution into the rooting zone of a tree at a depth 30~40cm at an interval of 40cm and at a pressure 15~20kg/cm^2
- Tree will grow vigorously.
- Speed recovery from injuries.
- Respiration and rooting can be improved.



○ Tree Transplanting

- Apply diluted **Soil Restore** solution sufficiently to the rooting zone.
- Rooting ability can be greatly improved.

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Soil Restore

Evaluation of Field Test

- Relieve compaction.
- Improve aeration.
- Improve water penetration & permeation.
- Reduce disease and nematode attack.

Treatment of Soil Restore & PERFECT SHIELD

A



Before





After



B



Before



After

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