



AgriRem

EARTH CARE

Total Solution



**A proven healthy alternative
in sports field Management
for sustainable soil conditions.**

AgriRem EARTH CARE Total Solution

Current Field Maintenance Practices for a Full-Size Rugby Field

| Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |
|--------------------|------------------------|--------------------|--------------------|---------------------|------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| Once weekly mowing | Once weekly mowing | Once weekly mowing | Once weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Once weekly mowing | Once weekly mowing |
| | Pre-emergent treatment | | | | Pre-emergent treatment | | | | | | |
| | | | aerate/vertidrain | | | | | | | | |
| | | | scarify | | | | | | | | |
| | | | top dress | | | | | | | | |
| | | | fertilize | | | | fertilize | | | | fertilize |

Note: This does not include spraying for weed control, lawn grubs, disease treatments or fungal infestations, to be assessed on a week by week bases

AgriRem Field Maintenance Recommendations

| Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |
|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| Once weekly mowing | Once weekly mowing | Once weekly mowing | Once weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Twice weekly mowing | Once weekly mowing | Once weekly mowing |
| | AgriRem | | | AgriRem | | | AgriRem | | | AgriRem | |

CURRENT ANNUAL RENOVATION PACKAGE PRACTICES

AgriRem ANNUAL RENOVATION PACKAGE RECOMMENDATIONS

The minimum renovation required for your field for each year should consist of:

The works need to be carried out in this order to maximize the benefits:

- Scarify & remove spoil
- Aerate/verti drain to 150mm
- Top dress with suitable blend at least Bi-annually
- Fertilize
- Irrigate

The mowing schedule must be adhered to:

- Use mulching blades - clippings to remain on field
- Turf must never be let to go into seed production
- 4 applications of AgriRem A70 per year
- Scarify if required
- Fill hollows with sandy loam soil as required

Note: This does not include spraying for weed control, lawn grubs or fungal infestations, to be assessed on a week by week bases

Note: All the spoil from scarifying is to be composted and redistributed over the field at the end of the following playing season or left on field and mow in

Note: Data on chemical application and maintenance regime courtesy of the Maroochydore Swans Rugby Union Club as supplied by Sunshine Coast Regional Council for the 2011/2012 growing season

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Literally tons of essential nutrients
and minerals going to land fill

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It generally starts in like this.....



Coring or verti-draining



Sand is then applied

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Fertilizer three
times a year



Because of this the Ph goes
acidic so lets throw some lime
out

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Is this really what we want? Spraying poisons?
These practices are putting all players, casual users, spectators and especially our children, at risk; particularly when they are playing a contact sport

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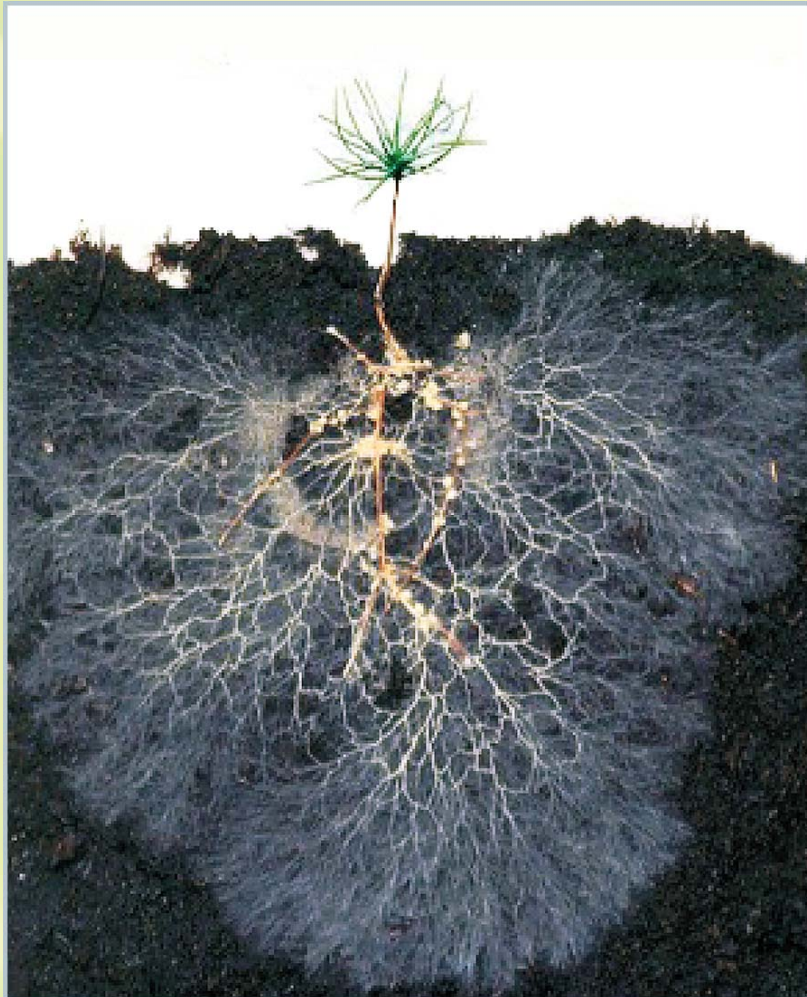
So what's the solution???

The Natural Nutrient Cycle™

Four simply basic elements

Carbon Cycling
Nitrogen Cycling
Mycorrhizal Fungi
Aggregates

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Mycorrhizal fungi
They extend quite a
distance out from plant
roots and can easily increase
a plant's root capacity by up
to 10 times

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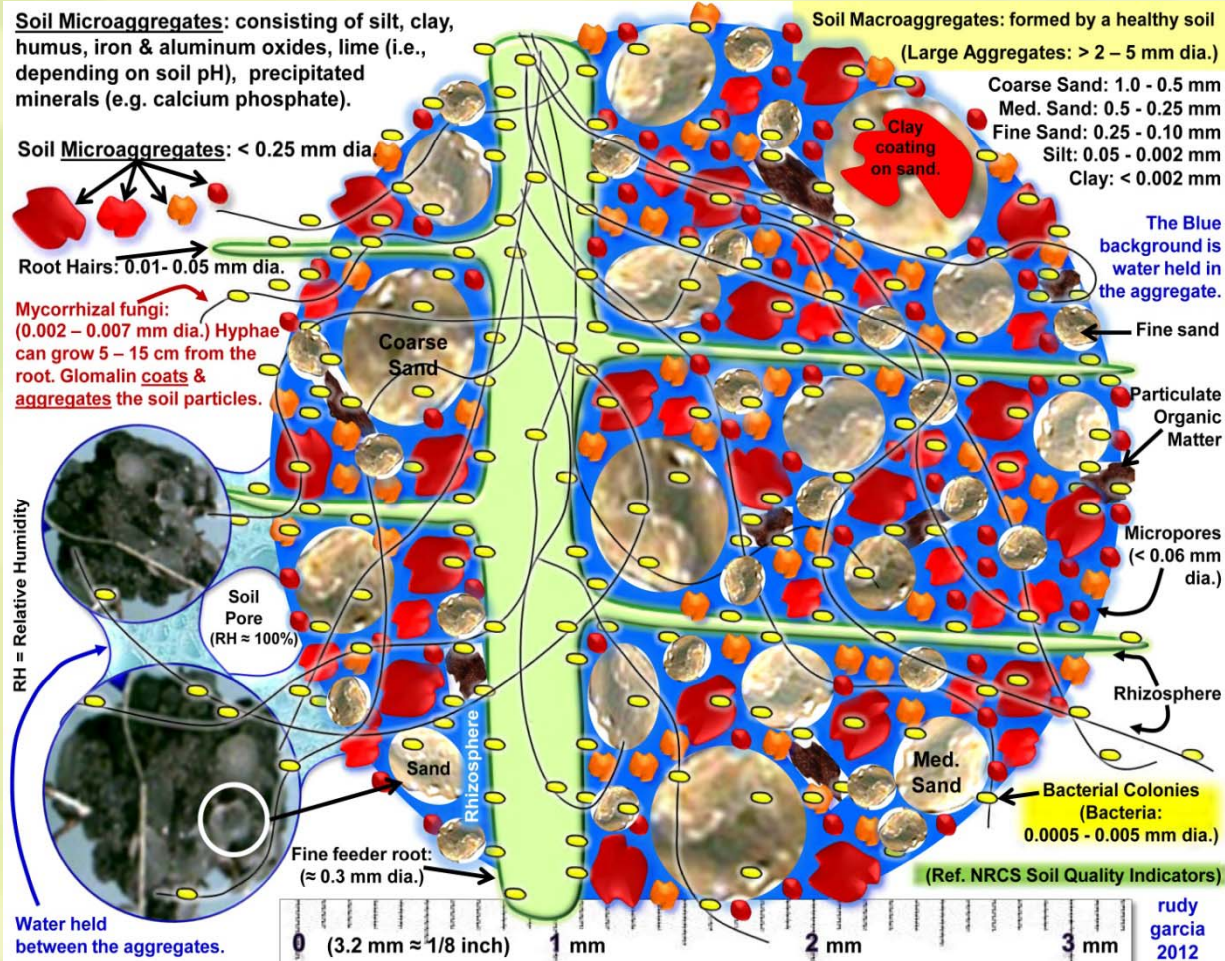


They form the networks
between plants and the colonies
of soil bacteria

They are both the highway and
the Internet of the soil

They are very effective at
creating a balanced system

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Aggregates

The only environment that Diazotroph Bacterium can live in

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Regular mowing and AgriRem is the answer

AgriRem is now available; giving you a viable solution. Along with a regular mowing regime, AgriRem stimulates

The Natural Nutrient Cycle™

Gives your turf the strength to endure the worst of weather conditions and the grind of constant use

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“Because it’s organic, doesn’t mean it’s expensive”

| AgriRem Cost benefit Analysis | | | | |
|---|--|---|---------------------------------------|---------------------------------------|
| Required Maintenance Practices | TURF OFFICER COMMENTS per current practices | AgriRem FIELD MANAGER COMMENTS | Avg Costs per field per annum | Avg Costs per field using AgriRem p/a |
| AgriRem Earth Care | | Four Applications per year | \$ - | \$ 3,080.00 |
| Mowing / fuel | Twice weekly Nov-Apr / once weekly May-Oct | Never allow to go to seed | \$ 2,000.00 | \$ 2,000.00 |
| Pre-emergent (see treatment costs) | Pre-emergent spray for weed/seed control Two applications: mid Aug, mid Dec | No longer required | \$ 1,744.00 | \$ - |
| Aerate / verti drain | Annual verti-drain to 150mm (Off-season compaction break-up) | No longer required | \$ 600.00 | \$ - |
| Scarify | Annual scarification | Zero times over 3 years | \$ 1,100.00 | \$ - |
| Top-dress | Annual top dress at 10mm | Only required for divits | \$ 2,000.00 | As required |
| Fertilizer | Fertilization 3x1 tonne applications | No longer required | \$ 3,000.00 | \$ - |
| Other chemical needs (See <i>treatment costs</i>) | Herbicide, pesticide, and fungicide treatment as required | No longer required | \$ 4,200.00 | \$ - |
| Operational costs (Equipment) | Equipment repayments, hire, and maintenance | Equipment repayments, hire, and maintenance | \$ 3,600.00 | \$ 3,600.00 |
| Irrigation (including electricity for pumps) | Required regularly after fertilizing and during dry season | No irrigation required | As per system installed | \$ - |
| Soil testing | As required or advised by turf officer | Not required, benefits can be seen visually | Varies depending on the test required | \$ - |
| Totals: | | | \$ 18,244.00 | \$ 8,680.00 |
| Annual Field Maintenance Savings: | | | \$ | 9,564.00 |

Note: Data on chemical application and maintenance regime courtesy of the Maroochydore Swans Rugby Union Club as supplied by Sunshine Coast Regional Council for the 2011/2012 growing season

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Hard, dead pan clay soil
with little carbon content

This is what we had to
work with



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The end of the rugby season.



Three years later

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Thanks for listening