



**PRODUCT INFO
& DATASHEET**

SICOMARE 'SOILBUILDER'

Cost-effective in application

Because of its highly concentrated nature, SICOMARE is economical in use, requiring surprisingly modest amounts to achieve the desired effect, as the following recommended application rates show:

1. SEED BED PREPARATION

Destructured soils: Apply at 70 gm per m².

Medium structured soils: Apply at 55 gm per m².

Good structured soils: Apply at 40 gm per m².

Apply after cultivation and rake or harrow into the top 25 - 30 mm of the soil before seeding.

2. SPORTS TURF REPAIRS AND MAINTENANCE

After aeration and alleviation of compaction, apply at the rate of 60 gm per m².

It is important that it is then worked well into the surface using brush, mat or rake.

3. HYDRAULIC SEEDING MIXES

Add SICOMARE at the rate of 70 gm per m² of the area to be treated.

Allow ten minutes mixing prior to application.

4. TREE AND SHRUB PLANTING BEDS

Apply at the rate of 70 gm per m² for every 50 gm of bed depth and work into the full depth.

5. TREE AND SHRUB PLANTING PITS

Apply at the rate of 1.4 kg per m³ of backfill and mix well.

6. AS AN ADDITION TO TOP DRESSINGS AND/OR COMPOSTS

Add the rate of 2 kg per m³ and mix thoroughly.

Easy to apply: SICOMARE is a free-flowing, spreadable granular material suitable for application by most types of hand-held or tractor-mounted equipment.

1/ TREE AND SHRUB PLANTING

Considerable damage can be caused to a plant's fine root system by the dehydration of a plant that occurs immediately after lifting. Many planting projects take place in poor soils that may have been stockpiled and become compacted, as well as suffering loss of structure and vitality. The speedy restoration of a healthy ecosystem is vital to ensure that the necessary bacterial and fungal activity within the soil is present to produce good growing conditions.

This is even more important where planting is undertaken in sub-soils. Where soil is in poor condition, it is recommended that the whole area be treated with SICOMARE SOILBUILDER at the rate of 70 grams per m² worked into the top 50 mm of soil. Where deeper treatment up to 150 mm is considered necessary the rate should be increased on a pro-rata basis. For pit planting, SICOMARE SOILBUILDER is mixed with the backfill material (or with compost if specified) at a rate of 1.5 kg per m² of backfill. So, for a 60 x 60 x 60 cm deep pit the amount required is 325 grams per pit, added to the backfill.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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2/ LAND RECLAMATION AND EROSION CONTROL

Topsoil, the result of many interactions between subsoil, fungi, plants, micro and macro organisms, is the natural growing medium for plants.

However, major civil engineering schemes, landfill and quarrying will leave large areas bare of topsoil. These scars are traditionally treated by spreading imported topsoil, followed by seeding or planting.

Topsoil is not always available, and may not be appropriate.

SICOMARE SOILBUILDER is a natural material that substitutes for, and promotes the natural production of, topsoil thereby saving the need to import.

Seaweed has been accepted for centuries as one of our richest natural sources of manure. It is a powerful organic colloid, supplying all known trace elements. SICOMARE's unique process provides active constituents similar to those normally present in well rotted farmyard manure, but at one hundredth the weight of farmyard manure!

3/ TURF CONSTRUCTION AND MAINTENANCE

SICOMARE SOILBUILDER helps provide a balanced soil structure, ensuring a healthy foundation for the establishment of durable healthy turf. They are widely used on a variety of sports and amenity turf areas, as:

1. Part of a preparation process prior to seeding or turfing.
2. A straight dressing to established grass areas.
3. A constituent of a balanced top dressing.

For seed bed and turf bed preparation

SICOMARE SOILBUILDER should be broadcast at an optimum of 70 grams/m² for every 50 mm of soil depth and thoroughly worked into the soil prior to seeding or turfing. SICOMARE SOILBUILDER is especially valuable in the case of pure sand construction (where the natural moisture retention qualities of SICOMARE and its ability to aggregate soil particles into an effective crumb structure play an important part in establishment of healthy root systems) and in clay soils (where the addition of SICOMARE improves flocculation).

As a simple dressing to already grassed areas

It is essential that the area to be treated has been well spiked or hollow tined before SICOMARE SOILBUILDER is spread, to allow it to penetrate the soil. The application rate is 70 grams/m² and, after spreading, the material should be well brushed or matted into the holes so as to ensure its effectiveness in the root zone.

It is recommended that mechanical spreaders be used to achieve an even distribution. Excessive over-application can lead to soil oxygen starvation, which in extreme cases can cause burn and even death of the plant.

In a top dressing

SICOMARE SOILBUILDER should be mixed with the top dressing at the rate of 1.5 kg/m² of top dressing and applied in Spring or Autumn as part of the normal management programme.

! Note: In all the above cases it is recommended that the turf treated with SICOMARE SOILBUILDER should be watered after application if rain is not imminent.