



# FULL CIRCLE SOIL CONDITIONER DATA SHEET

VERSION #01 DECEMBER 2020



**A natural, environmentally friendly,  
organic, soil improver.**

**100 % peat free & plant based.**

## DESCRIPTION:

Our Soil Conditioner is 100% crop based. We age and dry it in our on-farm eco-dryer using renewable heat.

This process creates a lightweight, concentrated soil conditioner that is easy to handle and is beneficial for every area of your garden\*.

A sustainable product with a low carbon foot print. Produced, dried and bagged on our family farm.

## WHAT DOES IT DO?

- Improves the soil structure by increasing aeration, water holding capacity and nutrients
- Loosens up hard pan, compacted soils and releases locked up nutrients
- Adds organic matter (humus) to soil which particularly helps boost the structure of sandy soils
- Encourages worm activity in your soil
- Provides natural plant nutrients NPK and important trace elements
- Has higher levels of phosphorus, potassium and magnesium than our Bio-Mulch making it ideal to boost your soil at any time of the year
- Looks stunning on borders with a rich, dark, fertile appearance

## HOW TO USE?

- Remove all weeds from your borders
- Spread over the soil to a depth of approx. 2-5 cm
- It can be dug in or left for the earth worms to do this for you
- If using in Autumn / Winter, why not try our Bio-Mulch in the Spring / Summer to help boost the growth of your plants
- 60 litres of product covers approx. 2m<sup>2</sup>
- Wear gloves and wash hands after use
- For best result use within 6 months of purchase

\* As it has pH value of 7, it can be used in most types of soil and most species of plants but not ideal for acid loving plants such as Rhododendrons and Azaleas.



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	Dry weight basis as in lab report	Fresh weight basis, nutrients in mg/kg	Fresh weight basis, nutrients in kg/t
Parameter	Typical value	Typical value	Typical value
Oven dry solids <sup>1</sup>	54.9 %	54.9 %	54.9 %
Electrical conductivity <sup>2</sup>	4140 uS/cm	4140 uS/cm	4140 uS/cm
pH <sup>3</sup>	8.26	8.26	8.26
Total nitrogen as N <sup>4</sup>	2.91% w/w	15976 mg/kg	15.98 mg/kg
Total phosphorus as P <sup>5</sup>	7673 mg/kg	4212.5 mg/kg	4.21 mg/kg
Total potassium as K <sup>6</sup>	32354 mg/kg	17762.3 mg/kg	17.76 mg/kg
Total magnesium as Mg <sup>7</sup>	4795 mg/kg	2632.5 mg/kg	2.63 mg/kg
Total sulphur as S <sup>8</sup>	3859 mg/kg	2118.6 mg/kg	2.12 mg/kg
Total copper as Cu <sup>9</sup>	14.7 mg/kg	8.1 mg/kg	0.0081 mg/kg
Total zinc as Zn <sup>10</sup>	72.4 mg/kg	39.7 mg/kg	0.0397 mg/kg
Total calcium as Ca <sup>11</sup>	10060 mg/kg	5522.9 mg/kg	5.523 mg/kg
Total sodium as Na <sup>12</sup>	273 mg/kg	149.9 mg/kg	0.15 mg/kg

#### Method reference

- <sup>1</sup> BS EN 25934
- <sup>2</sup> BS EN 13038
- <sup>3</sup> BS EN 13037
- <sup>4</sup> BS EN 13654-2
- <sup>5</sup> BS EN 13650
- <sup>6</sup> BS EN 13650
- <sup>7</sup> BS EN 13650
- <sup>8</sup> BS EN 13650
- <sup>9</sup> BS EN 13650
- <sup>10</sup> BS EN 13650
- <sup>11</sup> BS EN 13650
- <sup>12</sup> BS EN 13650