



MUSHROOM



Versatile Feeder Mulch and Soil Builder in One

Description

C-Wise Mushroom is 100% genuine spent mushroom farm compost that is proven and popular for its consistent performance in a range of commercial crop and landscape applications. Mushroom contains nutrient rich organic carbon that can be directly incorporated into soil to build structure and feed plant growth or used as a fine surface mulch to suppress weeds, retain moisture and build soil fertility.

Benefits

- One product to protect the soil and feed plant growth.
- Significantly improves soil water infiltration and storage.
- Creates soil conditions that support vigorous root growth.
- Feeds beneficial soil biology that drives growth and combats disease.
- Improves nutrient availability, significantly reducing fertiliser use.
- Protects soil from wind and water erosion.
- Long life performance, effective for several years.

Application

C-Wise Mushroom can be incorporated into the topsoil to build structure and feed plant growth or top dressed as a weed suppressant, soil feeder and protective mulch.

On large scale treatment areas, Mushroom can be broadcast through a conventional belt spreader and incorporated mechanically into the soil before planting.

In row crop applications, Mushroom can be precision banded and incorporated direct into the planting row or banded as mulch either side of the planting line.

For smaller treatment areas, Mushroom can be manually spread and incorporated into soil or applied as mulch around plants.

Suggested Programs

COMMERCIAL CROPS

For vineyards and orchards, Mushroom can be applied every 2-3 years as a fine mulch to build soil fertility, suppress weeds and maintain soil moisture and temperature conditions for uniform growth. Mushroom will break down to provide a significant proportion of crop nutrition and has ongoing soil health benefits that naturally suppress pests and disease. Apply Mushroom in a 250mm wide band either side of the planting line to a depth of 25-50mm.

For planting new perennial crops, blend 2-5 Litres of Mushroom with original soil and use as a planting mix in each hole or apply along the planting line at a rate of 15-30m³/ha and incorporate to a depth of 100mm before planting.

In annual food crops, Mushroom can be incorporated into soil before planting or applied as a mulch to boost productivity and build soil health benefits. Discuss with C-Wise for programs on specific crops.

PROFESSIONAL LANDSCAPERS

Mushroom is an excellent all round soil improver and protective mulch for planting and feeding trees and shrubs as well as growing vegetables, exotic plants and flower beds.

For new garden beds, turf and general landscaping, spread a 5-10mm thick layer of Mushroom across soil surface and incorporate to a depth of 50-100mm, then water thoroughly before planting.

For individual plants, shrubs and trees, mix 1 part Mushroom with 10 parts original soil and use as a planting mix around root zone.

As a potting mix ingredient, blend Mushroom at up to 25% of soil mix to significantly improve fertility and water holding capacity.

For establishment and maintenance of exotic plants, flower beds and vegetable gardens, use Mushroom as mulch throughout garden beds at a depth of 25-50mm to conserve water, feed plants and suppress weeds.

Typical Analysis - Mushroom

Major Nutrients		Nutrients in product as supplied	
	% of dry weight	kg/m ³	kg/tonne
Carbon (C)	33.0	79.2	132.0
Nitrogen (N)	2.2	5.3	8.8
Phosphorus (P)	0.7	1.7	2.8
Potassium (K)	1.6	3.8	6.4
Calcium (Ca)	7.0	16.8	28.0
Magnesium (Mg)	0.4	1.0	1.6
Sulphur (S)	3.2	7.7	12.8
Minor Nutrients		g/m ³	g/tonne
Iron (Fe)	1300	312	520
Manganese (Mn)	340	82	136
Boron (B)	30	7	12
Zinc (Zn)	250	60	100
Copper (Cu)	100	24	40

Typical Analysis data in this table is subject to natural variation, please contact C-Wise for further information.

Other important information

	% of dry weight
Organic Matter	55 - 60
Water Holding Capacity	300
Sodium (Na)	0.5
C: N Ratio	15: 1
Maturity Index	2
Moisture Content	60%
Bulk Density	600kg/m ³
pH	6.5 - 7



Quality Assurance

C-Wise management systems are certified by DNV Business Assurance to meet ISO9001:2008 process guidelines, ensuring consistent product performance and service delivery.



Important Notes - Mushroom

Maturity Index: The Maturity Index rating of C-Wise products helps end users to choose reliable products that perform for a specific purpose based on Australian compost maturity standards.

Maturity 1 - Organic carbon with more readily available nutrients for plant growth.

Maturity 2 - Humified organic carbon for soil fertility balanced with readily available nutrients for growth.

Maturity 3 - High concentrations of humified organic carbon and slow release nutrients for greatest soil health and growth performance benefits.

C-Wise products represent exceptional value for money when you consider the powerful and enduring effects of using high maturity quality assured products to build soil performance. The powerful synergy in balancing soil water and nutrient availability together with stimulation of beneficial soil microbes, leads to greater natural suppression of pests and disease, increased root development and more efficient use of water and fertiliser for plant growth and resilience.

Water Holding Capacity: This product has significant capacity to increase the volume and distribution of water stored in the soil, which acts as a buffer to reduce plant stress and keep plants healthy and growing strongly.

Custom Services

C-Wise has experience in over 50 commercial crops and can provide valuable guidance and practical support to help make your project a success. We can assist with agronomic advice, independent soil testing and custom blends to match your crop requirements. We can also arrange transport, contract spreading services and specialised spreader hire to suit your application.

Ordering

C-Wise account customers can order products in bulk direct from C-Wise. Smaller orders can be sourced through a network of Distributors and Retailers. Visit www.cwise.com.au or call C-Wise for your nearest outlet.

Nutrient Availability: This product is based on composted wheat straw, chicken manure and gypsum supplemented with peat and lime to produce a reliable soil additive with slow release nutrients made available through biological activity in response to plant requirements. **Fertiliser programs should be reduced to take account of this effect to maximise cost savings and soil health benefits.**

Soil pH Buffering: When applied to the soil, C-Wise products work to buffer excessive fluctuations in soil pH, helping neutralise soil and improve nutrient uptake availability.

Copper and Zinc: This product contains sufficient Cu and Zn to be taken into account when planning fertility programs for WA sandy soils, generally deficient in these elements. These are important trace elements for plants, but may accumulate to levels detrimental to some plants and soil organisms if used at repeated high application rates.

Phosphorus Sensitive Plants: Use caution with phosphorus sensitive plants. Apply a 1mm layer (dusting) of product and lightly work into the topsoil before planting. For individual plants, use 1-2 cupfuls only and mix thoroughly in the soil preparation for each plant.

Materials Safety Data Sheet: For detailed information please refer to the Materials Safety Data Sheet available at www.cwise.com.au or contact C-Wise direct.



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