



SYMBIO CMS SHOOT 5.0.2

Organic Fertiliser and Biostimulant

- ✓ Stimulates soil biology for early spring root and shoot growth - contains 13% fulvic acid
- ✓ Rapid assimilation of nutrient through roots and shoots
- ✓ Stimulates photosynthesis and carbohydrate production
- ✓ Improves seed germination and survival
- ✓ Rich in proteins and amino acids 9.2% to feed soil fungi for fine grass growth and thatch degradation

Modes of Action

Symbio CMS Shoot 5.0.2 is made from condensed molasses solubles (CMS) by amino acid fermentation. Amino acids are the building blocks of protein and improve plant metabolism, sugars act as a biostimulant for bacteria and the organic content acts as a fungal stimulant.

The nitrogen and potassium is immediately available through the roots and leaf to encourage early growth and rapid recovery from winter damage and summer stress.

Application

As a total fertiliser

40-50 litres per hectare in 400 - 600 litres of water. Apply as often as required in late spring to early summer. Do not apply in autumn if fusarium is active on the sward.

As a biostimulant

10 litres per hectare in 400 – 600 litres of water applied monthly during the growing season.

Symbio CMS Shoot may be mixed with most liquid fertilisers and biostimulants. It is ideal as a

complementary fertiliser or biostimulant when tank mixed with Compost Teas.

Fill tank 2/3 full with water (and Compost Tea if used) then predilute Symbio CMS Shoot with an equal amount of water, and add to the spray tank. Wash the tank thoroughly after use.

As an Early Start fertiliser. Apply 40-50 litres per hectare as soon as the ground temperature reaches 5°C. For best results tank mix with Symbio Liquid Aeration and Fulvic Booster, plus compost tea if used.

Content

Dry Matter	56.00%
Moisture	44.00%
Total Nitrogen	5.30%
Potassium (K ₂ O)	2.50%
Phosphorus (P ₂ O ₅)	0.16%
Calcium (CaO)	1%
Mineral Matter	8-11%
pH	5
Copper	2.8 mg/kg
Iron	149 mg/kg
Manganese	20.1 mg/kg
Zinc	8.4 mg/kg

Amino Acid Profile

Aspartic Acid	0.69%
Threonine	0.18%
Serine	0.13%
Glutamic Acid	5.10%
Glycine	0.22%
Alanine	1.20%
Cystine	0.02%
Valine	0.26%
Methionine	0.19%
Isoleucine	0.17%
Leucine	0.26%
Tyrosine	0.09%
Phenylalanine	0.13%
Lysine	0.16%
Histidine	0.22%
Arginine	0.16%
Total	9.2%

Health and Safety

S24 / 25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S62 if swallowed, do not induce vomiting; seek medical advice immediately and show this container or label
See MSDS for full information

