



# CMS SHOOT

For an early start to spring growth and a boost to soil microorganisms

## BENEFITS

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

## Symbio CMS Shoot

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 guide:** \*For best results consult your Symbio representative.

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| J | F | M | A | M | J | J | A | S | O | N | D |
|   |   |   |   |   |   |   |   |   |   |   |   |

| Contents                                    |           |
|---|-----------|
| Dry Matter                                  | 55%       |
| Moisture                                    | 45%       |
| Total Nitrogen                              | 5%        |
| Potassium (K <sub>2</sub> O)                | 2.4%      |
| Phosphorus (P <sub>2</sub> O <sub>5</sub> ) | 0.16%     |
| Calcium (CaO)                               | 0.56%     |
| Mineral Matter                              | 8-11%     |
| Copper                                      | 2.8mg/kg  |
| Iron  | 149mg/kg  |
| Manganese                                   | 20.1mg/kg |
| Zinc  | 8.4mg/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%  |

**PACK SIZE:**  
 20L 200L  
 750L 1000L

30 - 50L / ha

400 – 600L Water

**pH: 4 - 6**

**SG: 1.17 – 1.22**

## CONTACT US TODAY:



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 The Symbio brand is part of Origin Amenity Solutions Limited.



# CMS SHOOT

Technical Information

## How to apply:

### As a total fertiliser

30-50 L/ha 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

10-20 L/ha in 400 – 600 litres of water applied monthly during the growing season

### As an Early Start fertiliser

Apply 40-50 L/ha as soon as the ground temperature reaches 5oC. For best results tank mix with Symbio Liquid Aeration and Fulvic Booster, plus compost tea if used  
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

Symbio CMS Shoot is ideal as a complementary fertiliser or biostimulant when tank mixed with Compost Teas

May also be tank mixed with most liquid fertilisers and biostimulants  
Always test mixes before adding to spray tank – Complete a bucket test



CMS Shoot application with soil temperature at 4 degrees

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