



# Product Data Sheet

## CM90

### Pine Based Grower's Mix



#### Product Description:

CM-90 is a pine based professional growing media designed for longer term crops, perennials and shrubs in gallon containers and larger. Coarse and fine southern pine bark is used to provide proper particle size distribution promoting long term stability and structure. Canadian sphagnum peat moss is used to maintain water retention throughout cropping time. Bluechip (38-0-0) is included to stabilize the organic matter in blends to prevent any nitrogen immobilization. A fertility program is advised through liquid feed, top-dressed CRF or utilize incorporated CRF, contact Midwest Trading Sales team for more information.

#### Ideal Uses:

- 8"-12" Container
- Half Gallon/Gallon
- 2-5 Gallons
- >5 Gallons

#### Available In:

- 2.8 CF Bags
- 60 CF Totes
- Bulk

#### Composition/Ingredients:

- 1/2" & 3/8" Southern Pine Bark Fines
- Canadian Sphagnum Peat Moss
- Compost
- Iron Sulfate
- Starter charge and Blue Chip

#### Physical Characteristics:

Air Porosity	25-35%
Water Holding Capacity	35-40%
Manufactured Moisture Content	35-50%
Dry Bulk Density	10-15 lbs/ft <sup>3</sup>
Bulk Density (@manufacturing)	35-45 lbs/ft <sup>3</sup>

#### pH and EC:

pH Range After Incubation	5.5-6.5
Electrical Conductivity	1.0-2.0 dS/m

#### Chemical Characteristics:

Extractable Nutrient Content in ppm dry weight basis

N (NO <sub>3</sub> +NH <sub>4</sub> )	P (PO <sub>4</sub> )	K	Ca	Mg	Cu	Zn	Mn	Fe
100-300	100-200	800-1500	1500-3000	700-1200	1-5	5-30	25-70	75-150

Water Soluble Nutrient Content in ppm saturated paste (SME)

K	Ca	Mg	SO <sub>4</sub>	B
150-250	50-100	50-100	200-300	<0.5

Made to order mixes require a minimum of 5 CY bulk or 6 pallets bagged and turnaround time of 5 business days.

Midwest Trading Partners with Waypoint Analytical to run extractable nutrient analysis to determine mix suitability. An "A17" analysis is available for every production run that can serve as a tool for cultural practices at time of receipt. This analysis provides a reading of nutrient availability at time of manufacturing and can vary based on moisture, temperature, and time. Ranges are approximated based on laboratory analysis. For informational purposes only and cannot be used as a warranty.

