

Jiffy's Solutions for Indoor Agriculture

Media Specification for CEA

Why Jiffy QSM Grow Plates?





Jiffy QSM Grow Plates are designed to fill any rectangular or square tray for microgreen or leafy green production

Length and width range from 50×50 mm to 300×400 mm to fit standard imperial and metric trays

Expansion height ranging from 25 to 125 mm

Tray design due to drainage outflow effects dry down time and therefore change in irrigation practices

Delivered dried and compressed for reduced shipping, storage, and handling costs

Highly adaptable for use in fully automated production equipment – loading, expansion, and seeding

High permeability

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High capillarity
with any moisture

30-35% Air filled porosity **pH 5.3 – 5.5** Regular QSM: EC 1.1 (+/- 0,3) Organic QSM: EC 0.6 (+/- 0,3)





ISO 9001, ISO 14001, ISO 22000. RPP and RHP certified, OMRI listed, ISO 45001, options available



We have the best choices according to what you need.

	Jiffy QSM Peat Organic 100% Peat	Jiffy QSM Carefree 60% Peat, 40% inert material	Jiffy QSM Coir (organic) 100% Coir
CATION EXCHANGE CAPACITY	HIGHER • Due to 100% peat. The drainage pattern changes based on the size (height) of the pellet therefore a larger pellet (with less height) will cause more time for water turnover leading to a lower CEC	MEDIUM Due to addition of coir (can water and fertilize more often based on drying cycles)	MEDIUM In comparison to peat (can water and fertilize more often based on drying cycles)
WATER HOLDING CAPACITY	HIGHER • Due to peat mix	HIGHER • With good drainage due to unique mix	MEDIUM TO HIGH • Due to mixed grades of coco pith. Fine to medium grade leads to lower WHC. As well as impact of plate size
NOTE	 The drainage pattern changes based on the thickness of the plate therefore a larger plate will cause more time for water turnover leading to a lower CEC due to exposed surface area To change buffering capacity and reach dry down before wilting point is 5-7 days 		



Popular Product Use

QSM plates are applicable to replace loose fill mix and woven fabric products in microgreen and leafy green production

• QSM plates do not include any binder.



Developing sustainable plant growing solutions together