



Microgreens

oasis®

PLUGSHEET

AeroSelect™

OASIS® AeroSelect™ PlugSheet is a next-generation engineered foam substrate created to optimize precision hydroponic farming in climates, conditions and systems with higher water demand. Developed specifically for controlled growing environments, OASIS® AeroSelect™ PlugSheets are available in un-dibbled plain sheets for clean and easy microgreens production, along with pre-dibbled sheets for other crops.



Key Facts

- + Open matrix and finer cell structure balance air porosity with increased water-holding capacity and superior capillary action.
- + Ultra-low density encourages uniform germination, easy root penetration and unrestricted microgreen growth.
- + Food-safe substrate arrives clean and free of pests and pathogens, including plant and food-borne pathogens.
- + Suitable for overhead or sub-irrigation, structurally stable media delivers uncompromised air-to-water ratio throughout production.
- + Spongy, semi-rigid substrate minimizes dust generation and improves handling throughout the production process, especially when wet.
- + Microgreens stay clean and easy to harvest, for both manual and automated harvesting.

Propagation of Microgreens

Plain OASIS® AeroSelect™ PlugSheet can be used for the propagation and production of a wide variety of microgreens. In addition to our standard microgreens sheet substrate, custom cuts or sizes may be available.

The following are examples of microgreen varieties propagated in plain OASIS® AeroSelect™ PlugSheet. Crops received 16-4-17 OASIS® Hydroponic Fertilizer at 125 ppm N with initial and subsequent watering. From day 4 after seeding, the microgreens were watered daily or as required with nutrient solution by overhead watering using a hose and a breaker. Refer to OASIS® AeroSelect™ PlugSheet Product Usage documents for microgreens for complete instructions.



Alfalfa

(*Medicago sativa*)

Day 10 after seeding



Arugula

(*Eruca sativa*)

Day 9 after seeding



Mustard 'Garnet Giant'

(*Brassica juncea*)

Day 9 after seeding



Broccoli

(*Brassica oleracea*)

Day 9 after seeding



Kale 'Red Russian'

(*Brassica napus pabularia*)

Day 9 after seeding



Radish 'Red Rambo'

(*Raphanus sativus*)

Day 9 after seeding



Chard

(*Beta vulgaris*)

Day 12 after seeding



Amaranth 'Garnet Red'

(*Amaranthus tricolor*)

Day 10 after seeding



Basil 'Dark Opal'

(*Ocimum basilicum*)

Day 10 after seeding