

Downy Mildew Basil Trials - 2018

53 cultivars of basil were planted in mid May. Plants were sprayed 2 times with Triathlon® BA (A.I. Bacillus amyloliquifaciens strain D747) and drenched 2 times with Subdue Maxx (A.I. Mefenoxam), following label instructions. The last application on 6/18. Downy Mildew was first detected on 8/24. Evaluations were taken on 10/12.

Cultivar	Resistance to Downy Mildew	Use	Description
Amazel™	resistant	Culinary	Sterile, Disease Resistant
Ararat	unacceptable	Culinary	Fabulous Foliage
Persian	unacceptable	Culinary, AAS 2015	Late Seeding
Corsican	unacceptable	Culinary, Heirloom	Fabulous Foliage
Italian Large Leaf	unacceptable	Culinary, Sweet	4 Inch Leaves
Aromato	unacceptable	Culinary, Columnar	Great Border Plant
Cardinal	resistant	Culinary & Ornamental	Stunning Flower Head
Mammolo	unacceptable	Culinary, Compact	Outstanding Flavor
Siam Queen	tolerant	Culinary, AAS 1997	Italian and Thai Foods
Sweet	unacceptable	Culinary, Heirloom	Pollinator Magnet
Crimson King	unacceptable	Culinary, Red Leaf	Desirable Ornamental
Mrs. Burns Lemon	tolerant	Culinary, Heirloom	Tea, Food, Fragrant
Genovese	unacceptable	Culinary, Heirloom	Classic Italian
Cinnamon	tolerant	Culinary & Ornamental	Classic Thai
Finissimo Verde A Palla	resistant	Culinary & Ornamental	Bush, Classic Globe
Eritrean	resistant	Culinary, Heirloom	South African Origin
Greek Dwarf	resistant	Culinary & Ornamental	Tender, Fragrant
Dolce Fresca	unacceptable	Culinary, AAS 2015	Genovese, Compact
Minette	resistant	Culinary & Ornamental	10" Globes
Opal Basil	unacceptable	Culinary & Ornamental	Vinegar, Oils, Pesto
Pistou	resistant	Culinary & Ornamental	Small Leaves, 12", Pots
Aristotte	resistant	Culinary & Ornamental	Greek, Fragrant
Lettuce Leaf	unacceptable	Culinary, 5" Leaf	Mild Flavor, Japanese
Spicy Globe	resistant	Culinary & Ornamental	Spicy, Compact
Marseille	resistant	Culinary, Heirloom	French Premier Herb
Bush	resistant	Culinary, Dwarf	Pinch, Productive
Mostruoso	unacceptable	Culinary, Compact	Large Leaves, Wraps
Round Midnight Purple	unacceptable	Culinary & Ornamental	Fragrant, Showy
Emily	unacceptable	Culinary	Genovese, Compact
Thai	resistant	Culinary & Ornamental	Spicy, Purple Stems
African Blue Holy	resistant	Culinary & Ornamental	Teas, Medicinal
Upright Greek	resistant	Culinary & Medicinal	Floral, Spicy, Citrus

Pesto Perpetuo	resistant	Culinary & Ornamental	48", Variegated
Italiano Classico	unacceptable	Culinary, Genovese	Pesto
Licorice	resistant	Culinary, Thai	Lanky, Anise Spicy
Romanesco	unacceptable	Culinary, Large Leaf	High Oil Content
Red Rubin	unacceptable	Culinary & Ornamental	Park's Best, Vinegar
Nufar Hybrid	unacceptable	Culinary, Genovese	Resistant To Fusarium
Anise	tolerant	Culinary, Heirloom	Spicy, Native To India
Gecofure	unacceptable	Culinary, Genovese	Exceptional Container
Osmin	unacceptable	Culinary & Ornamental	Purple, Improved Variety
Mammoth	unacceptable	Culinary, Genovese	Strong, Large Leaves
Lemon	resistant	Culinary	Essential Asian Herb
Valentino	unacceptable	Culinary	Fragrant, Large Leaf
Red Lettuce Leaf	unacceptable	Culinary & Ornamental	Large, Red/Green
Green Ruffles	unacceptable	Culinary & Ornamental	Complex Flavor
Kapoor Sacred	resistant	Culinary & Medicinal	Teas
Aroma 2	unacceptable	Culinary, Genovese	Disease Resistant
Red Freddy	unacceptable	Culinary, Genovese	Red/Green Specks
Everleaf Genovese	tolerant	Culinary, Pots	Compact, Productive
Sweet Dani Lemon	tolerant	Culinary, AAS 1998	Pure, Clean Taste
Magical Michael	unacceptable	Culinary & Ornamental	Bee Magnet, Compact
Purple Ruffle	resistant	Culinary & Ornamental	AAS 2007, Fragrant