

**This table contains results from fungicide efficacy experiments conducted by Margaret T. McGrath at Cornell University Long Island Horticultural Research + Extension Center, Riverhead, NY.**

**Control of powdery mildew on lower leaf surfaces of pumpkin in fungicide evaluations conducted on Long Island (%)**

Fungicide	Active ingredient	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Cabrio	Pyraclostrobin		20 ab													
Quadris Top	Azoxystrobin + difenoconazole				67 b											
Pristine	Boscalid + pyraclostrobin	45 b	89 efg	58 e	94 defg	80 bcd	50 abc	28 ab	40 abc	93 bcd	54 b	73 b	43 b	23 ab		
Endura	Boscalid	56 bc	90 fg	60 ef												
Fontelis	Penthiopyrad		70 d		82 bcde		50 abc	42 ab	33 abc							
Luna Sensation	Fluopyram + trifloxystrobin													30 ab	28 bc	47 cd
Luna Experience	Fluopyram + tebuconazole							55 ab				78 bc				
Rally (5 oz/A)	Myclobutanil	82 ef	26 ab			37 ab										
Inspire Super (20 fl oz/A)	Difenoconazole + cyprodinil				88 cdef	40 abc										
Procure (6 fl oz/A)	Triflumizole	76 def	35 b	75 fg			50 abc									
Procure (8 fl oz/A)	Triflumizole			78 g	93 defg	72 cd	69 bcd	22 ab	57 bc	95 bcd	70 b		91 de	54 bc		
Quintec	Quinoxifen		89 efg	81 g	99 g	86 d	95 d	41 ab	96 e	99 d	96 cd	69 b	98 e	72 c	42 cde	40 bc
Torino	Cyflufenamid						82 cd	62 ab						19 a		
Gatten (6-8 fl oz/A)	Flutianil														29 bc	65 de
Vivando	Metrafenone						82 cd			97 bcd	98 bc	70 b		80 c	54 e	75 ef
<i>alternation among targeted fungicides</i>		74 cde	77 def	80 g	95 efg	94 d		15 ab	89 de	98 cd	95 cd	78 b	97 e	71 c	50 de	92 f

Control calculated using Area Under Disease Progress values. Numbers for each year with a letter in common are not significantly different from each other (Tukey's HSD,  $P=0.05$ ). Those with 'a' are not different from control thus fungicide was ineffective; these entries are in italics.