

**This table contains results from fungicide efficacy experiments conducted by Margaret T. McGrath at Cornell University
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Control of powdery mildew on lower leaf surfaces of pumpkin in fungicide evaluations conducted on Long Island (%)

Fungicide	Active ingredient	FRAC Code	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Cabrio	pyraclostrobin	11		20 ab														
Quadris Top	azoxystrobin + difenoconazole	11+3				67 b												
Pristine	boscalid + pyraclostrobin	7+11	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	7	56 bc	90 fg	60 ef													
Fontelis	penthiopyrad	7		70 d		82 bcde		50 abc	42 ab	33 abc								
Luna Sensation	fluopyram + trifloxystrobin	7+11													30 ab	28 bc	47 cd	
Luna Experience	fluopyram + tebuconazole	7+3							55 ab				78 bc					95 c
Luna Privilege	fluopyram	7																95 cd
Rally (5 oz/A)	myclobutanil	3	82 ef	26 ab			37 ab											
Inspire Super (20 fl oz/A)	difenoconazole + cyprodinil	3				88 cdef	40 abc											
Cevya (10 fl oz)	mefentrifluconazole	3																44 b
Procure (6 fl oz/A)	triflumizole	3	76 def	35 b	75 fg			50 abc										
Procure (8 fl oz/A)	triflumizole	3			78 g	93 defg	72 cd	69 bcd	22 ab	57 bc	95 bcd	70 b		91 de	54 bc			89 c
Proline		3																## d
Quintec	quinoxifen	13		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	94 c
Torino	cyflufenamid	U8						82 cd	62 ab						19 a			
Gatten (6-8 fl oz/A)	flutianil	50														29 bc	65 de	
Prolivo (5 fl oz/A)	pyriofenone	50												66 c				
Vivando	metrafenone	50						82 cd			97 bcd	98 bc	70 b		80 c	54 e	75 ef	90 c
<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	93 c

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 the nontreated control thus fungicide was ineffective; these entries are in italics.