

# Winter Dieback and Bloom Data

Genus	Cultivar	Dieback		Fall	Spring		
		11/21	1/21	First Bloom	First Bloom	50% Bloom	100% Bloom
Pansy	Acquarelle Flambe Toscana	4	5	11/23			
Pansy	Atlas Black	3	5				
Pansy	Bolero Mixed	4	2		4/23/2009	5/7/2009	
Pansy	Delta Premium Beaconsfield	2	2	11/22	3/5/2009	4/23/2009	5/10/2009
Pansy	Delta Premium Deep Blue w/Blotch	3	1	11/21	2/15/2009	4/23/2009	5/9/2009
Pansy	Delta Premium Neon Violet	2	2	11/21	2/19/2009	3/26/2009	4/28/2009
Pansy	Delta Premium Persian Medley	0	1	11/21	1/29/2009	2/19/2009	5/7/2009
Pansy	Delta Premium Pure Golden Yellow	0	1		2/15/2009	3/12/2009	5/7/2009
Pansy	Delta Premium Pure Lemon	1	1		2/23/2009	4/23/2009	5/10/2009
Pansy	Delta Premium Pure Light Blue	3	1	11/21	3/23/2009	4/21/2009	5/1/2009
Pansy	Delta Premium Pure Primrose	0	1		1/22/2009	2/19/2009	5/1/2009
Pansy	Delta Premium Pure Violet	2	1	11/21	1/22/2009	2/19/2009	5/1/2009
Pansy	Delta Premium Pure White	2	2	11/1	2/15/2009	4/23/2009	
Pansy	Delta Premium Rose w/Blotch	1	1	11/20	1/29/2009	4/9/2009	5/7/2009
Pansy	Delta Premium True Blue	3	2	11/21	3/5/2009	4/23/2009	
Pansy	Delta Premium White w/Blotch	1	2		3/5/2009	4/15/2009	5/7/2009
Pansy	Delta Premium Yellow w/Blotch	0	1	11/4	2/19/2009	3/12/2009	5/1/2009
Pansy	Delta Premium Yellow w/Purple Wing	1	1	11/2	1/20/2009	2/19/2009	5/1/2009
Pansy	Designer Collection Midnight Sun	1	1		2/19/2009	4/9/2009	5/1/2009
Pansy	Fizzy Lemonberry	2	2	11/1	2/10/2009	4/9/2009	5/7/2009
Pansy	Inspire Violet-Yellow	1	1	11/1	1/29/2009	2/19/2009	5/1/2009
Pansy	Inspire Carmine with Blotch	1	1	11/20	2/3/2009	3/26/2009	4/28/2009
Pansy	Inspire Deep Orange	1	1	10/30	3/3/2009	4/20/2009	5/1/2009
Pansy	Inspire Golden Yellow	0	1	10/30	1/22/2009	2/19/2009	4/28/2009

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Pansy	Inspire Lavender Pink	2	1	11/21	3/7/2009	4/9/2009	5/4/2009
Pansy	Inspire Lilac Shades	0	1	11/21	3/5/2009	3/26/2009	5/1/2009
Pansy	Inspire Primrose	0	1	11/4	3/26/2009	4/3/2009	5/2/2009
Pansy	Inspire Purple	2	1	11/20	2/9/2009	3/23/2009	
Pansy	Inspire Purple & Orange	1	2		3/20/2009	4/23/2009	
Pansy	Inspire Purple & White	2	1	11/21	3/25/2009	4/19/2009	5/8/2009
Pansy	Inspire Red with Blotch	2	1	11/21	3/5/2009	4/21/2009	5/3/2009
Pansy	Inspire Ruby	3	2		3/26/2009	4/23/2009	5/1/2009
Pansy	Inspire Silver Blue with Blotch	2	2	11/24	3/5/2009	3/26/2009	5/7/2009
Pansy	Inspire True Blue	0	1	11/20	1/29/2009	2/19/2009	4/9/2009
Pansy	Inspire White	2	2	11/31	2/15/2009	4/15/2009	
Pansy	Inspire Yellow with Blotch	0	1	11/1	3/12/2009	4/15/2009	5/7/2009
Pansy	Karma Exp Deep Orange	2	1		3/5/2009	4/28/2009	5/9/2009
Pansy	Karma Exp Light Blue	3	1	11/23	2/19/2009	4/9/2009	5/7/2009
Pansy	Karma Exp Marina	3	1	11/21	3/7/2009	4/23/2009	5/7/2009
Pansy	Karma Exp Orange Blotch	2	2	10/31	2/19/2009	4/23/2009	5/4/2009
Pansy	Karma Exp True Blue	2	2		3/12/2009	4/22/2009	5/6/2009
Pansy	Karma Exp White Blotch	1	1	11/1	2/19/2009	5/7/2009	
Pansy	Karma Exp Yellow w/ Purple Wing	0	1	11/21	2/11/2009	4/15/2009	5/1/2009
Pansy	Mammoth Dp Blue Blotch	3	2	11/23	3/21/2009	4/19/2009	5/5/2009
Pansy	Mammoth Fire	2	1		2/19/2009	4/23/2009	5/4/2009
Pansy	Mammoth Marina	1	1		3/5/2009	4/15/2009	4/30/2009
Pansy	Mammoth Ocean	2	1	11/20	3/5/2009	4/11/2009	5/3/2009
Pansy	Mammoth Red Blotch	2	1	11/5	4/9/2009	5/4/2009	
Pansy	Mammoth Rose Blotch	1	1	11/1	2/19/2009	4/20/2009	5/7/2009
Pansy	Mammoth Sangria	2	1		3/26/2009	4/19/2009	5/7/2009
Pansy	Mammoth Violet Marina	2	2	11/25	2/19/2009	4/15/2009	5/7/2009

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Pansy	Mammoth White	1	2	11/30	1/29/2009	5/1/2009	
Pansy	Mammoth White Blotch	3	2	11/3	2/9/2009	5/7/2009	
Pansy	Mammoth Yellow	1	1		4/9/2009	4/21/2009	5/1/2009
Pansy	Mammoth Yellow Blotch	2	1	11/23	1/29/2009	5/7/2009	
Pansy	Mariposa Exp Purple Picotee	2	2		4/9/2009	5/2/2009	
Pansy	Mariposa Exp White	2	2	10/29	3/5/2009	4/23/2009	
Pansy	Matrix Blue Blotch	2	1	11/1	1/29/2009	2/19/2009	5/7/2009
Pansy	Matrix Blue Dp Blotch	2	2	10/29	3/12/2009	4/25/2009	
Pansy	Matrix Blue Frost	2	1	11/1	3/10/2009	4/8/2009	5/4/2009
Pansy	Matrix Light Blue	2	2	11/22	2/9/2009	3/12/2009	4/22/2009
Pansy	Matrix Matrix Mix Raspberry Sundae	1	1	11/25	3/5/2009	4/23/2009	5/7/2009
Pansy	Matrix Morpheus	1	1	11/25	1/29/2009	4/5/2009	5/1/2009
Pansy	Matrix Ocean Ipd	2	1	11/17	3/9/2009	4/25/2009	5/7/2009
Pansy	Matrix Orange Ipd	1	1	11/23	3/26/2009	4/25/2009	5/7/2009
Pansy	Matrix Primrose Clear	0	1	11/1	2/19/2009	3/26/2009	4/25/2009
Pansy	Matrix Purple Clear	2	1	11/24	2/23/2009	5/7/2009	
Pansy	Matrix Red Blotch	3	1	11/3	4/11/2009	4/25/2009	5/10/2009
Pansy	Matrix Red Wing	1	1	10/29	3/22/2009	4/23/2009	5/7/2009
Pansy	Matrix Rose	1	1	11/21	2/9/2009	4/9/2009	5/7/2009
Pansy	Matrix Rose Blotch	2	1	11/23	2/11/2009	4/23/2009	5/7/2009
Pansy	Matrix Rose Wing	2	2	11/1	2/19/2009	4/23/2009	5/7/2009
Pansy	Matrix Sunrise	3	1	11/1	2/19/2009	4/15/2009	5/3/2009
Pansy	Matrix White Blotch	2	2	11/2	2/15/2009	4/23/2009	5/7/2009
Pansy	Matrix White Ipd	2	1		2/23/2009	4/23/2009	
Pansy	Matrix Yellow Blotch	1	1	11/20	2/11/2009	4/23/2009	5/7/2009
Pansy	Matrix Yellow Clear	1	1	11/24	3/12/2009	4/15/2009	5/1/2009
Pansy	Midnight Glow	1	1	11/21	1/29/2009	4/24/2009	5/11/2009

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Pansy	Pandora Rainbow Capri	2	2	11/28	3/26/2009	4/26/2009	5/6/2009
Pansy	Pandora Rainbow Colours	1	1	11/21	2/15/2009	3/25/2009	4/20/2009
Pansy	Pandora Rainbow Dolce	2	2	11/1	2/19/2009	4/17/2009	5/5/2009
Pansy	Pandora Rainbow Musetto	2	2	11/21	2/23/2009	4/23/2009	5/7/2009
Pansy	Pandora Rainbow Sole	1	1	11/3	2/19/2009	3/12/2009	5/1/2009
Pansy	Pandora Rainbow Tramonto	2	1	11/28	3/26/2009	4/20/2009	5/9/2009
Pansy	Pandora's Box	2	1	11/21	2/9/2009	4/9/2009	4/23/2009
Pansy	Panola XP Beaconsfield	2	2	11/18	1/29/2009	2/19/2009	5/2/2009
Pansy	Panola XP Blue Dp Blotch	2	1	11/2	2/13/2009	3/12/2009	5/1/2009
Pansy	Panola XP Deep Orange	3	1		4/15/2009	4/28/2009	5/7/2009
Pansy	Panola XP Fire	2	1	11/18	3/5/2009	3/31/2009	4/30/2009
Pansy	Panola XP Marina	2	1	10/31	2/19/2009	3/12/2009	4/23/2009
Pansy	Panola XP Rose Picotee	1	1	11/2	2/23/2009	3/12/2009	4/23/2009
Pansy	Panola XP Scarlet	4	4		4/21/2009	5/7/2009	
Pansy	Panola XP Sunburst	2	2	11/21	4/9/2009	4/20/2009	
Pansy	Panola XP True Blue	1	1	11/22	1/24/2009	2/19/2009	4/23/2009
Pansy	Panola XP White	2	2	11/4	3/26/2009	4/28/2009	
Pansy	Panola XP White Blotch	3	3	11/1	4/9/2009	4/23/2009	5/8/2009
Pansy	Panola XP Yellow	3	2		3/21/2009	4/23/2009	5/7/2009
Pansy	Panola XP Yellow Blotch	1	1	11/19	2/23/2009	4/9/2009	4/28/2009
Pansy	Sun Devil Beaconsfield	3	2		3/20/2009	4/19/2009	5/7/2009
Pansy	Sun Devil Blue Blotch	2	1	11/21	3/5/2009	4/21/2009	5/2/2009
Pansy	Sun Devil Clear Blue	1	1	11/22	3/7/2009	4/19/2009	5/10/2009
Pansy	Sun Devil Clear Mix	2	1	11/20	2/15/2009	3/12/2009	4/30/2009
Pansy	Sun Devil Clear White	2	2	11/3	2/19/2009	4/23/2009	5/12/2009
Pansy	Sun Devil Lilac Shades	1	1	11/21	3/6/2009	3/22/2009	5/8/2009
Pansy	Sun Devil Mulberry B	2	1	11/2	2/19/2009	4/21/2009	5/2/2009

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Pansy	Sun Devil Orange	1	1		3/5/2009	4/18/2009	5/4/2009
Pansy	Sun Devil Pink Shades	2	1	11/21	2/19/2009	4/24/2009	5/9/2009
Pansy	Sun Devil Porcelain	1	1	11/1	3/7/2009	4/9/2009	4/30/2009
Pansy	Sun Devil Purple	2	1	11/21	2/11/2009	4/19/2009	5/7/2009
Pansy	Sun Devil Red Blotch	2	1		2/19/2009	4/19/2009	5/4/2009
Pansy	Sun Devil Red Wing	1	1	11/28	2/19/2009	4/19/2009	5/7/2009
Pansy	Sun Devil Rose Blotch	3	2		4/9/2009	4/23/2009	5/9/2009
Pansy	Sun Devil White Blotch	1	1	10/28	2/19/2009	4/28/2009	5/10/2009
Pansy	Sun Devil Yellow	2	1	11/21	2/19/2009	4/23/2009	5/10/2009
Pansy	Sun Devil Yellow Blotch	1	1	11/19	2/11/2009	3/26/2009	4/23/2009
Pansy	Ultima Radiance Lilac	4	3		4/9/2009	4/21/2009	5/7/2009
Pansy	Ultima Radiance Violet	2	2	11/20	2/19/2009	3/12/2009	5/7/2009
Pansy	XXL Blue Blotch	3	3		3/21/2009	4/23/2009	
Pansy	XXL Clear White	3	2	11/4	4/9/2009	4/19/2009	5/12/2009
Pansy	XXL Golden	2	2		4/23/2009	5/7/2009	
Pansy	XXL Golden Yellow	2	3	10/27	4/23/2009	5/7/2009	
Pansy	XXL Purple	2	1	11/3	2/19/2009	4/20/2009	5/2/2009
Pansy	XXL Purple White	1	1	11/19	2/19/2009	4/20/2009	5/7/2009
Pansy	XXL Red Blotch	1	1		3/10/2009	4/15/2009	5/2/2009
Pansy	XXL Red Yellow	4	2		4/21/2009	5/7/2009	
Pansy	XXL Rose Blotch	2	2	11/21	4/11/2009	4/22/2009	5/8/2009
Pansy	XXL White Blotch	2	2	10/31	2/19/2009	4/9/2009	5/7/2009
Pansy	XXL Yellow Blotch	1	1		1/27/2009	4/23/2009	5/1/2009
Viola	Aero Black	0	1	10/31	2/19/2009	3/12/2009	5/1/2009
Viola	Aero Blue Clear	1	1	10/30	1/24/2009	2/19/2009	4/23/2009
Viola	Aero Blue w/ Blotch	1	1	11/21	1/29/2009	4/3/2009	5/1/2009
Viola	Aero Deep Yellow	4	5	11/27			

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Viola	Aero Marina	2	1	11/1	1/29/2009	2/19/2009	4/15/2009
Viola	Aero Purple Clear	0	1	11/21	2/1/2009	4/15/2009	5/10/2009
Viola	Aero Rose Yellow	0	1	11/6	2/19/2009	4/9/2009	5/7/2009
Viola	Aero Velvet	0	1	11/26	2/19/2009	4/9/2009	5/7/2009
Viola	Aero White Clear	0	1	11/2	2/23/2009	4/1/2009	
Viola	Aero White w/ Blotch	0	1	11/1	2/19/2009	3/12/2009	4/21/2009
Viola	Endurio Blue Yellow w/Purple Wing	2	2	11/3	2/23/2009	4/9/2009	5/1/2009
Viola	Endurio Pure Violet	0	1	11/21	1/22/2009	2/19/2009	4/23/2009
Viola	Endurio Pure Yellow	1	2	10/26	2/19/2009	3/12/2009	4/21/2009
Viola	Endurio Red w/Yellow Face	2	2	11/2	1/22/2009	3/26/2009	4/23/2009
Viola	Endurio White	0	3	11/15	3/26/2009	4/15/2009	
Viola	Endurio Yellow w/Red Wing	1	2	11/4	1/22/2009	2/19/2009	4/21/2009
Viola	Endurio Yellow w/Violet Wing	3	2	11/1	3/26/2009	4/15/2009	5/7/2009
Viola	F1 Light Blue	1	2	11/1	1/29/2009	2/19/2009	4/19/2009
Viola	Penny Exp Blue	1	1	11/4	1/24/2009	2/19/2009	4/20/2009
Viola	Penny Exp Clear Yellow	0	1	11/3	2/19/2009	3/26/2009	4/23/2009
Viola	Penny Exp Marlies	1	1	11/3	1/22/2009	2/19/2009	4/21/2009
Viola	Penny Exp Purple	1	2	11/1	2/19/2009	4/5/2009	5/7/2009
Viola	Penny Exp White	2	2	11/7	2/21/2009	4/9/2009	4/21/2009
Viola	Rebelina Early Blue & Yellow	1	1	11/1	2/19/2009	4/15/2009	5/7/2009
Viola	Rebelina Extra Early Golden Yellow	0	2	11/1	2/11/2009	4/15/2009	5/1/2009
Viola	Rebelina Extra Early Purple & Yellow	0	2	11/21	1/22/2009	4/21/2009	5/7/2009
Viola	Rebelina Red & Yellow	0	1	11/22	3/5/2009	4/1/2009	5/7/2009
Viola	Rocky Blue For You	2	3	11/21	2/19/2009	3/30/2009	4/23/2009
Viola	Sorbet Icy Blue	1	1	11/1	1/29/2009	3/26/2009	4/25/2009
Viola	Sorbet YTT	0	1	10/30	1/22/2009	2/19/2009	4/21/2009
Viola	Venus Lavender Pink	0	1	11/22	1/29/2009	4/9/2009	4/30/2009