Wave® Smart Scheduling Tool

Wave® Smart Scheduling is an EXCEL-based tool developed in collaboration with floriculture researchers at Michigan State University. This tool allows growers to predict time to first open flower for fifteen varieties from the Wave® assortment at specific average daily temperatures (ADTs) and daily light integrals (DLIs). This tool will allow growers to schedule specific Wave® varieties on precise dates and help select varieties flowering in a tight window under their environment.

Information about DLI can be found at these, and other, websites:
http://www.extension.purdue.edu/extmedia/HO/HO-238-W.pdf
http://www.flor.hrt.msu.edu/production-info/

Instructions For Using The Wave® Smart Scheduling Tool:
Open the spreadsheet as seen below.

1. Type in two target ADTs in the yellow boxes (A). The tool is valid between ADTs of 54 and 75 °F. Worksheet is currently in °F.
2. Similarly, type in two DLIs in the orange boxes (B). The tool is valid for DLIs between DLI of 5 and 14 moles•m−2•d−1.
3. If you enter ADT or DLI values outside this range, the tool would indicate as such.
4. When ADTs and DLIs within range are added, the days to flower at those set-points will appear in the corresponding column below. Also, the next column will show the difference in flowering time between the two set-points.
5. The same flowering time data from the two columns will appear in a graph format using bar graphs.

	A		A		
Temperature °F*:	**62**		**55**		
DLI (mol·m^{-2}·d^{-1})*:	**5**	**B**	**5**	**B**	**Difference**
Cultivar	**Days to flower**		**Days to flower**		**(days)**
Easy Wave® Blue	58		71		13
Easy Wave® Burgundy Star	67		81		14
Easy Wave® Neon Rose	58		70		12
Easy Wave® Pink	66		78		12
Easy Wave® Plum Vein	55		68		13
Easy Wave® Red	64		78		15
Easy Wave® Violet	65		78		13
Easy Wave® White	56		69		13
Shock Wave® Coconut	51		64		13
Shock Wave® Denim	66		79		14
Tidal Wave® Silver	65		83		18
Wave® Blue	61		74		13
Wave® Pink	71		93		22
Wave® Purple Classic	74		94		19
Wave® Purple Improved	72		89		18