

# Grape



Light per day (hours)	Terra Vega ml/GAL	Terra Flores ml/GAL	RHIZOTONIC ml/GAL	CANNAZYM ml/GAL	PK 13/14 ml/GAL	BOOST ml/GAL	EC+	PPM
-----------------------	-------------------	---------------------	-------------------	-----------------	-----------------	--------------	-----	-----

GROW	Start - Duration 1 week Bud Break	*	19	-	10	-	-	-	1.0 - 1.2	700 - 840
	Vegetative stage 1 - Duration 1 to 2 weeks Fast growth	*	18 - 21	-	2	9	-	-	1.0 - 1.2	700 - 840
BLOOM	Generative stage 1 - Duration 2 to 4 weeks First signs of flower/cluster formation	*	-	15 - 18	-	9	1	8	0.9 - 1.2	680 - 840
	Generative stage 2 - Duration 2 weeks Flowers and set fruit present	*	-	5 - 8	-	9	1	8	0.6 - 0.7	450 - 580
	Generative stage 3 - Duration 2 weeks to completion Last flower set to veraison (fruit coloring)	*	-	10 - 12	-	9	1	8	0.8 - 0.9	500 - 680
Harvest to dormancy - Holding	*	-	-	-	9	-	-	-	-	

1. Timing on stages is dependent on variety.
2. \* - Natural day length
3. Calcium can be the limiting factor, add a liquid Calcium source when necessary. This can be progressively seen as the fruit ripens.
4. Proper pH control is essential to develop the taste.
5. This chart is for Peat based medium AND sandy loam mineral soils. In heavier clay soils use less fertilizer and more in sandy soils. Grower must make this adjustment based on crop response.
6. Grapes like deep roots and sandy soils for heavy root systems. It is not advisable to grow in potting mediums composed of all soilless mix. Sandy soils with 10% minimum organic content is recommended. Grapes only begin producing well after several years of development; because it is impossible to avoid disturbing the root system periodically of container grown plants grown long term, it is not advisable to grow grapes in containers. It is still advisable to mix coco and peat fractions into existing soils in new plantings for the organic benefit.