

Phenology

2015

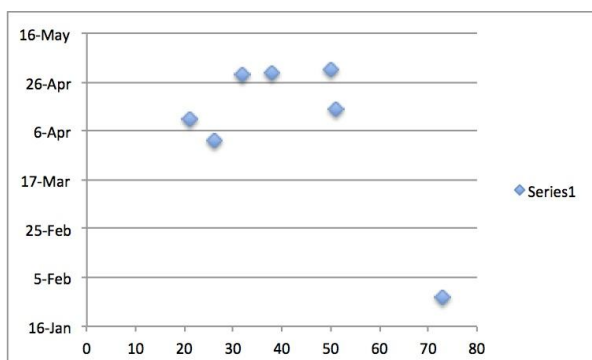
June, 2015

Volume 1 Number 3

GDD Scatter Plots:

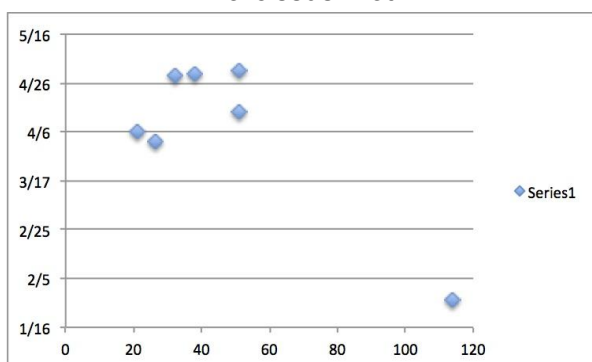
This month we will take the information gathered from the accumulated GDD's during the past 3 years and present it in a plot that will graphically illustrate, in this case, the bloom period of Crocus and narcissus.

Crocus Plot



GDD

Narcissus Plot



GDD

In a like fashion this is the GDD plot for Narcissus during a similar period. The lone data points in each plot can be explained by understanding the growth rate of each flower and the accumulation of

GDD's. The flower can only grow so fast and the GDD's accumulate very rapidly.

As more data is accumulated on each flower, similar plots would reveal their bloom period each flower.

The same applies for food crops. As a crop develops, knowing when insects and disease appear or develop, a farmer may apply appropriate control methods to deal with the problem. Being able to predict when a crop is to be harvested allows farmers to schedule harvest equipment and hire a labor force.

For gardeners plots generated for insects like Japanese beetles, for instance, tell us when they will hatch. In time to save your roses.

When planning your garden it helps to know the bloom period of the flowers. You can then arrange your selections so as to always have color from perennial flowers. The scatter plots will give you that information for your garden.

Baseline Study: The Baseline study is ahead of the previous years with, at this date, 198 entries. Many new flowers have been added. As the seasons appear to be getting hotter the bloom plots will shift but only with more flower entries will the change be obvious.

Until next month thank you for your participation and keep watching our exciting world.

Jerry
