

Carbo Concentrator Data for 2013 and 2014

Background

Over the past several decades potatoes have been increasingly graded and bought based on solids or specific gravity.

Potato Crops are graded on the specific gravity or the amount of solids you have in the potato tuber. Most process potato buyers do not want to buy a lot of water and potatoes with low solids do not perform well in their processes.

To obtain higher solids it has become a recommendation that the plants be treated to lower fertility.

The processors also want their growers to produce more potatoes on fewer acres which usually indicates that there is a need to feed the crop more.

The result of the facts above most growers will feed their crop more to get more yield and often times take a reduction in the financial bonus they would receive by having good solids.

In conducting research in the 1990's it was determined that there certain trace nutrients and combination of nutrients that increase the conversion of sugars in too poly saccharides and starches. This was especially true in potatoes.

CCC then developed a product that helped in improving solids in potatoes. This product has become more important to growers who are continually trying to increase yield while maintaining or improving solids

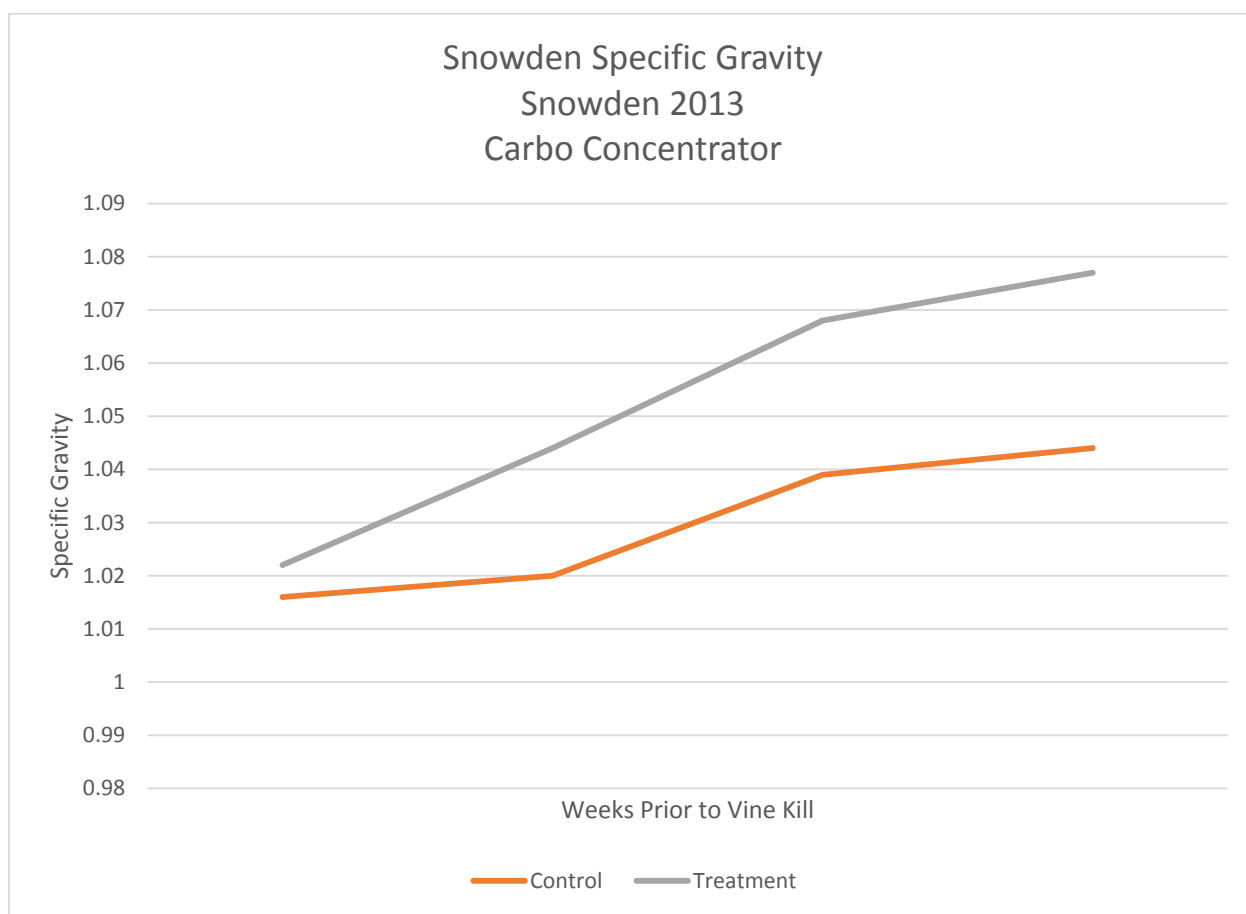
This product is called carbo concentrator

It is applied at 2 applications of 2 quarts per acre 10 days apart starting 4 weeks before vine kill in potatoes or 4 weeks before harvest in other crops

The following is the data that we have collected in recent crops

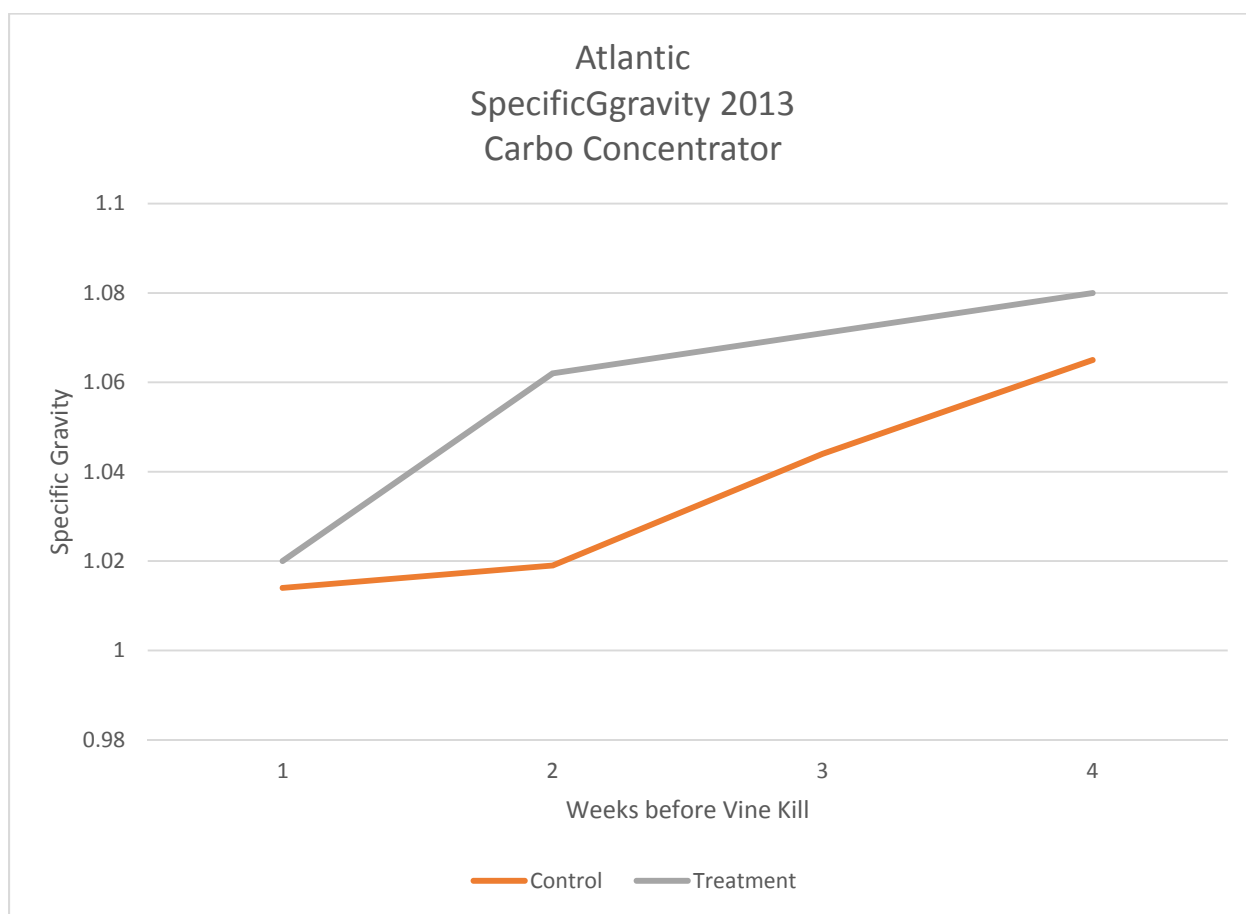
Snowdens

weeks before vine kill	No treatment Control	Carbo concentrator Treatment	Treatment Applied
4	1.016	1.022	Applied
3	1.02	1.044	Applied
2	1.039	1.068	Applied
1	1.044	1.077	Applied



Atlantics

weeks before vine kill	No treatment Control	Carbo concentrator Treatment	Treatment Applied
4	1.014	1.02	applied
3	1.019	1.062	
2	1.044	1.071	applied
1	1.065	1.08	

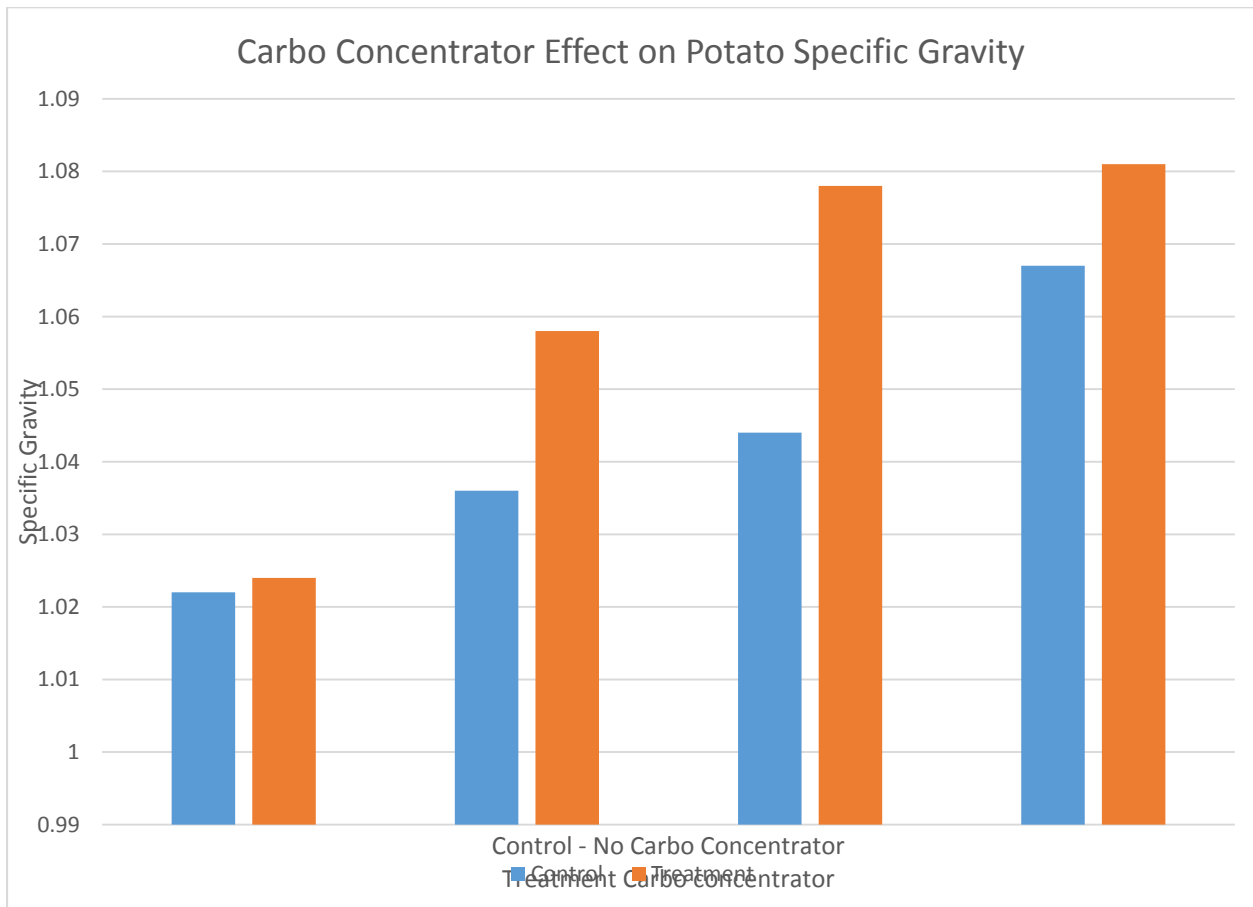


Russet Burbanks

weeks before vine kill	No treatment Control	Carbo concentrator Treatment	Treatment Applied
4	1.022	1.024	applied
3	1.036	1.058	
2	1.044	1.078	applied
1	1.067	1.081	

Russet Burbanks

weeks before vine kill	No treatment Control	Carbo concentrator Treatment	Treatment Applied
4	1.019	1.02	applied
3	1.031	1.06	
2	1.041	1.077	applied
1	1.065	1.082	



Russett Burbank Carbo Concentrator Trial 2014

