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How To Stop Potatoes From Greening

The problem of my project is will chemical treatment prevent the greening process in several kinds of tubers? I think that the Chemical treatment will prevent the greening of the tubers. I first got all of my tubers together and treated it with the ethylene inhibitor, then I peeled three of them and ground them in liquid nitrogen, I did the same on day 10 and day 15 only they were under regular fluorescent light for those days. I took the fine powder from my tubers and put them in three test tubes then added the Dimethelformamide compound and left it shaking for 24 hours to separate the chlorophyll. I used a spectrophotometer to analyze the liquid to see if the chlorophyll levels were lower or higher than the control. I found out that the ethylene inhibitor does not affect the greening process in potatoes; the tubers with the ethylene inhibitor increased the amount of chlorophyll in the Yukon Gold, Canela Russet, Rio Grande, and Colorado Rose. Ethylene may not affect the Greening process in potato tubers even though the ethylene inhibitor is used on bananas and apples to keep them riper. I found out that if you use a ethylene inhibitor it will make your potatoes green at a faster rate which can make you sick because the solanine (Glycoalkaloid poison) levels are high but safe to 20mg per 100 mg of tuber tissue. My Hypothesis has proven to be wrong.