



'HOOK' Enhances Your Defoliant

CL #29

August is coming to a close. Another hot one! In most areas the crops are maturing quickly and early reports indicate a decent year. We see that the nitrogen is playing out of the crop and that is going to help the leaves drop. So now we have to decide when to defoliate a crop.

Since defoliation is a chemical that is applied to upset the hormonal balance, the decision as to how and when to remove the leaves is one of the most difficult tasks in farming. It is an important decision from two main standpoints: **T**iming and **R**ate.

Let's look at *timing* first.

First off.....If the crop is defoliated too soon, quality and profits suffer.

Secondly..... If you wait too long you increase the likelihood of additional insect problems or running into bad weather.

Now as to the *rate*...

1. If too much is applied you stick the leaf.
2. Too little could be a complete failure.

Plus there are several factors which could effect the defoliation application. The chemical condition of the plant, the specific defoliant, and of course, the weather.

In order for the defoliant to work *well* it needs:

1. Good leaf coverage- **D**eposition
2. Good plant absorption- **P**enetration

As you know, the moisture content needs to stay high in the plant which aids the movement of the defoliation chemical and this is why **HOOK** works so well with defoliation chemicals. **HOOK** gives you help with the 2 things that the plant needs for proper defoliation: **D**eposition and **P**enetration.

Now since none of the defoliant chemical is considered to be very systemic and none will translocate within the plant, in order for the process to work, once again you need two things.

1. A surfactant that will work with the plant for greater absorption.
2. A higher spray volume just plain good deposition coverage.

Well, the answer to those questions is **HOOK**! And don't forget **HOOK** is the best **Drift Control** on the market.

We recommend 1 qt per 100 gal. But if your crop is very rank and has a lot of leaf surfaces it would not hurt to go to 3-4 pints per 100 gal.

Atlantic-Pacific Trading Company hopes everyone has a great crop and a safe harvest.

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