



BioWorks®
How You Grow Matters™



Keeping PlantShield® HC in Suspension

Uniformly applying PlantShield HC, which is formulated as a wettable powder, requires constant agitation of the spray solution or the stock tank concentrate. Stirring with a stick can accomplish this, if one person is stirring while another is applying. However, often one person is doing both. As soon as the stirring stops and the applicator returns to the end of the hose, the agitation stops and settling begins. This can affect the rate of application, not only of PlantShield HC, but other wettable powders applied similarly.

Using a small submersible pump is an easy, convenient way to keep PlantShield HC and other wettable powders in constant suspension while drenching. It is as simple as dropping a fountain or pond pump in the bottom of the bucket or stock tank without any hoses or fittings attached. If an electrical outlet is not convenient, a battery operated pump option is available from West Marine.



Little Giant makes two pumps that have worked well. The first is one of their smaller and durable pumps - the Model P-AAA. It has an oil-filled motor and pumps at 2 gallons per minute. It is excellent for 4-5 gallon buckets and provides a constant agitation when the discharge fitting is near the bottom and pointed to the side.



The second pump is the Model #NK2. This will work in a 5 gallon bucket and provide vigorous agitation. It is also a better size for larger stock tanks. It pumps at over 5 gallons per minute.



The Attwood WaterBuster is a portable pump that runs on 3 'D' Cell batteries. It pumps for 5 continuous hours at a flow rate of 200 gallons per hour (3.33 gpm) which is fine for agitation purposes. It is available for \$39.95 from West Marine.

Sources for Little Giant pumps include Grainger and many plumbing supply locations. Also check the internet for sources.