





Pesticide























Kaolin Clay- Surround WP



KEY

1 Gallon =	
1 Cup =	
$\frac{1}{2}$ Cup =	
Pound =	

<u>Bed Size</u> 150 sq ft or one 50 foot bed	<u>Bed Size</u> 300 sq feet or one 100 foot bed	<u>Bed Size</u> 650 sq feet or two 100 foot beds	<u>Bed Size</u> 1,000 sq feet or three 100 foot beds	<u>Bed Size</u> 1,300sq ft or four 100 foot beds
$\frac{1}{2}$ gallon 	1 gallon 	2 gallons 	3 gallons 	4 gallons 
$\frac{1}{4}$ pound OR 1 and $\frac{1}{2}$ cups 	$\frac{1}{2}$ pound OR 3 cups 	1 pound OR 6 cups 	1 $\frac{1}{2}$ pounds OR 9 cups 	2 pounds OR 12 cups 
Add Water $\frac{1}{2}$ gallon 	Add Water 1 gallon 	Add Water 2 gallons 	Add Water 3 gallons 	Add Water 4 gallons 
Mix 	Mix 	Mix 	Mix 	Mix 

Directions:



Surround WP

Kaolin Clay

- 1) Wear mask while mixing



- 2) Mix in bucket first. Then put in sprayer. **Shake often while using!!**



- 3) Add the powder slowly to approximately 1/4 of the water you will be using, stir and mix well by shaking vigorously for 30 seconds.
- 4) Add the remaining $\frac{3}{4}$ of the water and shake for an additional 30 seconds.
- 5) When finished, spray until the container is empty and flush the sprayer system hoses by running clean water through. Leftover mix can be stored at room temperature. Use within 2 weeks to avoid spoilage. Rinse the sprayer thoroughly when finished and again before mixing or spraying the next batch.

Information

- Derived from Kaolin clay, a natural mineral. Forms a barrier that acts to control insect pests and disease.
- Tiny particles of the kaolin clay powder attach to insects when they contact it, agitating and repelling them. Even if the particles do NOT attach to their bodies, the insects find the coated plant/ fruit unsuitable for feeding and egg-laying.
- Protects against sunburn and heat stress.
- Protective white film cools plants by up to 15°F, which can help to reduce heat and water stress.

Pests and Heat Stress

Cucumber beetles, Potato Beatle, Cut Worms, Grasshoppers, Gypsy Moths, Japanese Beetles, Leaf Roller, Leafhoppers, Stink Bugs, Thrips

- Effective for pests with antennas - clay gets stuck in antennas and disorients

