

Russeting Bosc Pears

Calcium Chloride	1-3 pounds/ 100 gallons
Calcium Nitrate	1-3 pounds/ 100 gallons
Urea	1-3 pounds/ 100 gallons
+COCS*	1-3 pounds/ 100 gallons
OR Basicop	1-3 pounds/ 100 gallons
OR Nu-Cop DF	1-3 pounds/ 100 gallons
Nu-film 17	4 ounces/ 100 gallons
*The copper materials are listed in order of preference by fieldmen experienced in russeting Bosc pears. Do not attempt to use Zinc Sulfate in place of Copper Sulfate; the fruit damage will be too great to heal into an acceptable russet. All rates are shown per acre except those products where concentration of material is important.	

The Nu-film 17 aids in spreading and maintaining uniform coverage of the surface without flushing the russeting materials to the lowest portion of the fruit. Make the first application shortly after petal fall when the pears are still standing upright, make the second application after they have begun to turn down, make the final application after most of the fruit is hanging down. Some fieldmen are reporting better results with four and five applications between petal fall and fruit turn down. Best results seem to be obtained with a well-calibrated, slow drive speed using 100 gallons per acre or less per application. You want uniform coverage without large droplets forming on the low points of the fruitlets.