



FireLine™ 17 WP vs. Mycoshield® and Percent Active Ingredient

Technical Bulletin – No. 16

FireLine™ 17 WP from AgroSource, Inc. is formulated from oxytetracycline hydrochloride. Mycoshield® from Nufarm Americas Inc. is formulated from oxytetracycline calcium complex. One pound of FireLine 17 WP contains 18.3% oxytetracycline hydrochloride – which is equivalent to 17% oxytetracycline. One pound of Mycoshield contains 31.5% oxytetracycline calcium complex – which is equivalent to 17% oxytetracycline.



Therefore, both products are labelled for exactly the same amount of oxytetracycline (17%), and it is *oxytetracycline* which works to control the fire blight pathogen, *Erwinia amylovora*, in pome fruit crops.

However, while a pound of either product has exactly the same amount of *oxytetracycline*, the formulation of FireLine 17 WP is distinctly superior to that of Mycoshield. Commenting on the superior physical characteristics of FireLine, Dr. Johnson at Oregon State University stated FireLine is ... “so much easier to work with compared to Mycoshield ... because it dissolves so

nicely. Mycoshield, in contrast, does not mix up as well and always has a stony grit in it that can clog nozzles. We use FireLine exclusively and have no intention of going back.”¹ For further information, see AgroSource Technical Bulletin No. 3.



For more information about FireLine™ 17 WP, please contact AgroSource at (908) 931-9001, or email at sales@agrosource.net; or visit us on the web at www.agrosource.net.

FireLine™ 17 WP is a trademark of AgroSource, Inc.
Mycoshield® is a registered trademark of Nufarm Americas Inc.

¹ Comments by Dr. Ken Johnson were unsolicited by AgroSource and should not be construed to imply a paid commercial endorsement by him or Oregon State University.