



Florida Fungicide Pricing and Expectations¹

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The following list (Table 1) has been compiled from various unnamed sources. Each price reflects a blend of the differing use rates for differing crops and sites. Sites where more active ingredient is used per spray (orchards) may have higher costs than those for other crop sites. Likewise, if an active ingredient is used in a specialty site such as golf course, turf, or ornamental, it is likely to cost more per application.

It is important to appreciate the expectations users have for each active ingredient, which is reflected in the price. Materials used as scheduled, prophylactic preventative sprays (e.g. captan, thiram, maneb, mancozeb, coppers, sulfur) generally average between \$5/acre and \$10/acre.

Materials that give protection from a variety of leaf diseases and control key diseases generally range from \$10/acre to \$40/acre; but even within similar chemistries prices may vary for several reasons. In the case of strobilurin fungicides, azoxystrobin is labeled for many more crops than the others and has a zero-day pre-harvest interval (PHI) for most crops. Pyraclostrobin is registered on fewer crops, and trifloxystrobin has a 30-day PHI for citrus, the main crop for which it is used in Florida. The longer the

PHI, the less flexibility the grower has near harvest. Consequently, there are substantial differences for the pricing of these fungicides.

Materials that are unique (e.g. acibenzolar, mefenoxam, fenhexamid) and manage key pests of high dollar crops or sites generally cost the most, starting at around \$40/acre and increasing. Prices for turf/ornamental fungicides (e.g. fenarimol, iprodione), often labeled in terms of ounces per 1,000 square feet can range from \$50 to \$150 when converted to an acre basis.

1. This document is PI-134, one of a series of the Pesticide Information Office, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Original publication date September 2006. Visit the EDIS Web Site at <http://edis.ifas.ufl.edu>.

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Table 1.

Active Ingredient	Price (\$/acre)
ACIBENZOLAR	41.90
AZOXYSTROBIN	21.36
<i>Bacillus subtilis</i>	12.03
BOSCALID	23.41
CAPTAN	10.75
CHLOROTHALONIL	18.00
COPPER HYDROXIDE	6.52
COPPER OXYCHLORIDE S	8.31
COPPER SULFATE	5.05
CYMOXANIL	4.14
CYPRODINIL	34.80
DIMETHOMORPH	6.11
FAMOXADONE	5.35
FENBUCONAZOLE	11.93
FENARIMOL	150.00
FENHEXAMID	44.48
FERBAM	37.93
FLUDIOXONIL	19.57
FOSETYL	19.93
HYDROGEN PEROXIDE	33.38
IPRODIONE	50.00
MANCOZEB	4.08
MANEB	4.32
MEFENOXAM	43.02
MYCLOBUTANIL	18.28
NEEM OIL	20.84
PETROLEUM OIL	11.22
PHOSPHORIC ACID	9.96
POTASSIUM CARBONATE	42.50
PROPICONAZOLE	4.85
PYRACLOSTROBIN	14.21
PCNB	8.98
SULFUR	8.08
TEBUCONAZOLE	12.07
THIOPHANATE-METHYL	13.45
THIRAM	9.29
TRIFLOXYSTROBIN	7.14
TRIFLUMIZOLE	17.63