

PESTICIDES REGISTERED FOR USE IN TOBACCO FLOAT BEDS

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**Note: This document is an unofficial listing of major products currently registered for use in tobacco float beds and is subject to change. Always refer to product labels for specific information.*

Trade Name	Active Ingredient	Manufacturer	Application Timing	Application Rate	Use Instructions
<i>Fungicides</i>					
Terramaster 4EC	etridiazole	Chemtura Corp	No sooner than 3 wks after seeding	0.7 oz/100 gal (preventative) 1.4 oz/100 gal (curative)	Apply through injection system or similar device directly to float bed water for <i>Pythium</i> root rot control. Preventative: 2nd application at 0.7 oz can be made 3 wks after 1 st application, 3 rd application at 0.7 oz can be made 2 wks after 2 nd application. Curative: A second application at 1 to 1.4 oz can be made at least 3 wks after the 1 st application. Do not exceed 2.8 oz/100 gal per crop regardless of how many times plants are moved. Do not apply later than 8 wks after seeding.
Dithane DF Rainshield	mancozeb	Dow AgroSciences	Begin when plants are the size of a dime	0.5 lbs/100 gal or 1 level teaspoon per gallon	Foliar spray for control of target spot, damping-off, anthracnose, and blue mold. Apply 3 gal/1000 ft ² on small plants and increase to 6 to 10 gallons/1000 ft ² on larger plants. Spray every 5 to 7 days to the point of runoff as symptoms persist.

Trade Name	Active Ingredient	Manufacturer	Application Timing	Application Rate	Use Instructions
Fungicides cont.					
Agricultural Streptomycin Agri-Mycin 17	streptomycin streptomycin	NuFarm Syngenta	Applications can begin when plant are the size of a dime or when blue mold is reported in the area.	100 to 200 ppm (1 to 2 tsp/gal)	Foliar spray for control of blue mold, wildfire/angular leaf spot, may aid in suppression of bacterial soft rot (black leg). Avoid high application rates just prior to transplanting.
Aliette WDG	aluminum-tris	Bayer CropScience	Begin application at first sign of blue mold	0.5 lb/50 gal	Foliar spray for control of blue mold. Do not make more than 2 applications, no more than 0.6 lb/50 gal in one application, no more than 1.2 lb/50 per transplant season
Ferbam**	ferbam	Taminco	Begin when plants are the size of a dime or when blue mold is reported in the area.	2 to 3 lbs/100 gal or 3 tsp/gal	Foliar spray for control of blue mold. Apply 3 gal/1000 ft ² on small plants and increase to 6 gal/1000 ft ² on larger plants.
**Ferbam is no longer registered for use in tobacco float beds, but existing stocks purchased prior to 2006 can be used until gone.					
Insecticides					
Orthene 97	*acephate	Amvac	no timing specified	0.75 lb (12 oz)/A or ¾ tablespoon/3 gal water per 1000 ft ² of bed	Foliar spray for control of cutworm, fleabeetle, and aphids. Do not apply more than 4.125 lbs/A per season (this includes float bed, transplant water, and foliar applications in the field. *Several acephate products other than Orthene 97 are registered for use in tobacco. Other acephate products registered for tobacco are as follows: Orthene 75S (Valent) Orthene 75WSP (Valent) Acephate 75 (Tenkoz) Acephate 75WSP(Un. Phos) Acephate 75SP (Micro Flo) Acephate 97UP (Un. Phos) Acephate75SP (Cheminova) <i>Refer to product labels for specific information.</i>