

NEMATODES of FIELD CORN

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Nematode ¹	Nematicide*	Formulation	Active Ingredient	Rate/ Acre	Comments
Root Knot, Lesion and Stubby-Root Nematodes (+ early season insects)	Counter CR* Lock'n Load	20% granules	terbufos	6.5 lb	Apply either in 7 inch band over the row or in the seed furrow at planting according to the label. Do not exceed 6.5 lb/acre total.
	Telone II ²	Liquid	1,3-dichloropropene	3 - 6 gal	Inject 12 inches below planting depth and seal immediately with appropriate bedding equipment. Wait 7 - 14 days before planting.
	Avicta Complete Corn ³	Seed treatment	abamectin + thiamethoxam + azoxystrobin + mefenoxam + fludioxonil	AI/Seed 0.22 mg 0.5 mg 0.0025 mg 0.0025 mg 0.0089 mg	Available through commercial seed companies and dealer distributors.

* **RESTRICTED USE PESTICIDES** – These are dangerous pesticides – use caution in handling and read and follow current label directions. There has been no recent research in Arkansas that demonstrates any economic return for the use of these products on corn. These products **can cause crop injury if certain herbicides are applied afterwards – carefully read pesticide interaction information on the label before applying these or any pesticides.**

¹Certain other nematodes are considered economic problems on corn in other parts of the U.S. These include the lesion, stubby-root, ring, dagger, spiral, stunt and sting nematodes. There is no data from Arkansas to indicate the severity of these nematodes under our conditions, but at high populations a nematicide might be justified. Fields with long-term corn history that have lower than expected yields or yields that decline over time should be tested for nematodes by submitting a soil sample to the Nematode Diagnostic Laboratory located at the Southwest Research and Extension Center near Hope. Contact the local county Extension agent for guidelines on when and how to collect the sample. **A small fee is charged for this service.**

²Use where nematode pressure is severe.

³Use where nematode pressure is low to moderate.

This information was current as of October 1, 2009, and applies only to Arkansas and may not be appropriate for other states or locations. The listing of any product in this publication does not imply endorsement of that product or discrimination against any other product by the University of Arkansas Division of Agriculture. *Every effort was made to ensure accuracy, but the user of any crop protection product must read and follow the most current label on the product – The Label is the Law.* For further assistance, contact the local Cooperative Extension Service office.