

# **TURF NEMATODE ASSAY FORM**



New Mexico State University – Plant Diagnostic Clinic

\* = Required

Sample No(s).	Date Sample(s) Received	
CLIENT	SUBMITTER	
Name	Name	
Address	Address	
*City/State	City/State Zip	
Phone ()		
Email	Email	
*COUNTY	<b>*By</b> : ☐ Mail ☐ E-mail	
Information Needed for Correct Interpretat	of Assay Results: SERVICE TYPE	
*IS THIS SAMPLE FOR:  Diagnosis of problem of existing of the planting of the	Soil extraction(standard) - \$25-\$50     Soil extraction - separate \$25 charg   Soil and mist - \$50-\$75 per sample	
TURF - species and variety if known:		
*Present	*Age (if unknown mark new or established)	
SYMPTOMS: (✓) terms which describe the of Plant - □ wilted □ stunted □ y  Root - □ galls □ stunted roots □	w decline dead	
*SITUATION (✓): ☐ Commercial ☐ Resident	al 🗖 Public	
*(✓) ONE OF THE FOLLOWING:  ☐ Sod Farm ☐ Golf Course ☐ Lawn ☐  ☐ Other		
MAIN SOIL TYPE (✓): ☐ Sand ☐ Clay ☐	tificial Mix	
Recent nematicide use, prior history of nem	les, other pertinent information:	

#### **TURF NEMATODE ASSAY FEES**

New Mexico: \$25 per sample (soil or mist, double for both)

Outside of New Mexico: \$50 per sample (soil), \$25 per sample (mist),

\$75 per sample for both

Please make checks payable to: NMSU Nematology

Attn: Jacki Beacham P.O. Box 30003, MSC 3BE Las Cruces, NM 88003

If paying by credit card, call us at 575-639-3327 and it can be processed over the phone. We cannot receive credit card information by email.

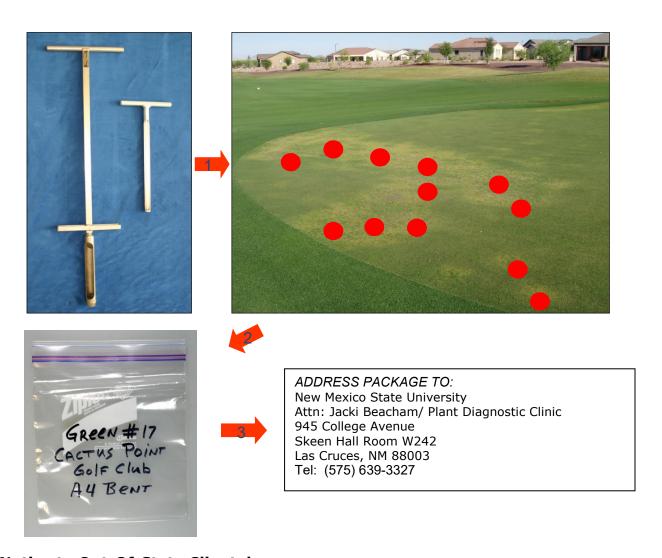
## List Multiple Samples Here

Grower Sample Name Examples: Fairway 1, Soccer Field, Front Yard	Plant/Crop Examples: Bentgrass, Bermuda grass	Lab Sample # (Lab Use Only)			
Examples: Fallway 1, Soccer Field, Front Fald	Examples: Deritgrass, Deritidua grass	(Lab use Offiy)			

### Sampling TURF for Nematodes

#### For **SOIL** Extraction:

- 1. Use a ½ or ¾-inch diameter sampling probe (not a cup cutter).
- 2. Sample from the margin of the damaged areas, do not sample the dead areas.
- 3. Take <u>16 to 20</u> cores per area (green, fairway, etc), 3-4 inches deep. An instructional video on collecting nematode samples for soil extraction: https://www.youtube.com/watch?v=frVnM5NpsGY
- 4. Combine cores from one area into a single bulk sample.
- 5. Seal bulked soil cores in a one-quart "Zip-loc" plastic bag.
- 6. Use a permanent marker to label the bag with a unique location name, date and type of turf.
- 7. Protect the bag from direct sunlight and heat.
- 8. Include your business card or other identification in the shipping container.
- 9. Send sample to the diagnostic lab by overnight service or US Priority Mail.



#### **Notice to Out-Of-State Clientele**

Sample shipments from out-of-state **must** be packaged with an <u>NMSU Diagnostic Sample Permit P526</u>. Please contact Jacki Beacham at 575-639-3327 or email <u>jtrojan@nmsu.edu</u> **prior** to shipping.

### Sampling TURF for Nematodes

For **MIST** Extraction (most reliable method for root-knot nematode diagnosis in turf):

- 1. Using a 1.5-inch-diameter (ball mark plugger) or larger device collect four 2-inch-deep turf plugs from the margins of symptomatic areas on the green and place into a plastic bag.
- 2. Labelling, shipping and handling are then as described above.
- 3. Instructional video on collecting nematode samples for mist extraction: https://www.youtube.com/watch?v=Fk1sAcwC760&t=8s

#### **ADDRESS PACKAGE TO:**

New Mexico State University Attn: Plant Diagnostic Clinic P.O. Box 30003, MSC 3AE Las Cruces, NM 88003