

SCMV/LVN TURF SAMPLE COLLECTION AND SUBMISSION GUIDELINES

(SCMV=Sugarcane Mosaic Virus, the cause of mosaic disease of turfgrass and Lethal Viral Necrosis (LVN) of St. Augustinegrass)

1. This form is for samples that will be processed ONLY for the SCMV/LVN test at a cost of \$20.00. Test results will be "SCMV detected" or "SCMV not detected" only. *[If testing for unknown cause of decline is needed, use the General Sample Submission form and indicate in the notes section if SCMV/LVN testing is also authorized. Total cost for complete analysis is \$50 – to include the SCMV analysis and testing for root/shoot fungal diseases. Sampling for complete analysis requires a 6" by 6" intact piece of sod and the General Sample Submission form. Testing for fungal diseases only is \$40 and requires the same General Submission form and sample and will not include SCMV ELISA testing.]*
2. Select stolons attached to **symptomatic** leaf blades and keep intact. Do not send samples from areas that are completely dead.
3. Submit generous amounts of plant material from the edge of the diseased area representing a range of symptoms (part sick, part healthy).
4. Don't add water. Samples should be sealed in plastic bags and then packed into a sturdy box/cardboard envelope with padding to keep sample from shifting and falling apart.
5. Deliver or ship samples via express courier immediately after collecting. Do not send samples if collected more than 24 hours prior to shipping. Get new samples. Ship to arrive at the lab by noon on Wednesday.
6. All samples must be accompanied by the first page of this completed Diagnostic Form. These can be emailed upon request. Give complete information on the form and keep the form separate from the sample. Limit sample information to one (1) sample per form. You are encouraged to include any other pertinent information in addition to that on the form. Images can be sent in response to the emailed Sample Receipt (watch for messages from PDC@IFAS.UFL.EDU).
7. Samples cannot be received on Saturday or Sunday; ship accordingly.
8. Samples are processed for the ELISA test for this virus once per week (Wednesday and Thursday for this 2-day test, to ensure test results are available to clients by Friday); samples received by noon Wednesday will be processed that week; samples received after noon on Wednesday will be frozen for processing the following week.
9. Dr. Harmon is the UF faculty contact overseeing this service at the Gainesville location. You may contact Dr. Harmon at (352) 392-1795 or PDC@IFAS.UFL.EDU to advise when samples have been sent or for questions regarding this form and service. Results will be emailed from PDC@IFAS.UFL.EDU to those indicated on the submission form.

This limited turfgrass diagnostic service is provided by the Institute of Food and Agricultural Sciences (IFAS), University of Florida in conjunction with the Cooperative Extension Service. The FEPDC is open from 9:00 am - 5:00 pm Monday-Friday (except for state/university holidays) and is located on the University of Florida campus at Gainesville.