

2009 Bay-Wise Advanced Training
 Table of Pre-/Post-test Results
 Harford County
 March 9 & 16, 2009

CODE	Pre-Test	Post-Test	Change
	# answered correctly	# answered correctly	Improvement from pre- to post-test
0104	11	25	+14
0884	11	23	+12
0923	6	14	+8
0938	11	22	+11
1104	14	24	+10
1129	6	23	+17
1214	7	20	+13
1227	13	24	+11
1232	15	21	+6
1369	16	24	+8
2323	13	24	+11
2529	10	22	+12
4147	10	14	+4
4212	8	23	+15
4935	13	24	+11
5114	6	22	+16
5555	15	23	+8
6000	13	22	+9
6491	14	22	+8
7777	14	22	+8
8241	13	21	+8
8992	13	23	+10
9046	5	24	+19
9149	15	24	+9
9291	9	22	+13
Total of Raw Scores	281	552	271
Average	11.24	22.08	10.84
Number of Scores Used	25	25	25
	3/9/09	3/16/09	

NOTE: 25 is the highest possible score

Comments on quiz answers

- ◆ Tree of heaven, forsythia, English ivy, purple coneflower and bugle weed (*Ajuga reptans*) are not native to Maryland. Impatiens are annuals, not perennials and are not known to be invasive. Multi-flora rose is not native to Maryland – it is invasive. Allegheny spurge is native to MD, the Japanese spurge or pachysandra is invasive. Wavyleaf basket grass, although invasive, is not a shrub. It is an annual grass that grows as a groundcover. Red maple is native to MD.
- ◆ The question, “What time of year should you avoid fertilizing turf?” is sort of tricky. The correct answer is actually WINTER – when the grass is not growing – because warm season grass should be fertilized in the summer and cool season turf should be fertilized perhaps in the spring & mainly in the fall. *Many of you answered this correctly on your pre-test but incorrectly in your post-test.*
- ◆ The type of fertilizer most potentially harmful to the bay is a water soluble type because it has a great potential to move off target and pollute ground or surface water.
- ◆ 10-6-4 fertilizer contains too much phosphorus in relation to nitrogen. 5-10-5 fertilizer also carries way too much phosphorus. Established lawns that have been regularly fertilized do not need phosphorus, if the soil test shows adequate amounts. So, 30-0-12 is the best fertilizer for an established, well maintained lawn.
- ◆ Remember the calculation to determine WIN:

20 - 10 - 10

Guaranteed Analysis

Total Nitrogen	20% (by weight)
8% Water Insoluble Nitrogen	(by weight)
Available Phosphate	10% (by weight)
Water soluble Potash	10% (by weight)

To determine what % of the total N is WIN, divide the percent of water insoluble nitrogen (WIN) by the percent of total nitrogen and multiply by 100.

$$8 \div 20 \times 100 = 40\%$$

- ◆ The four signal words that, by law, must appear on every household container are: caution, warning, danger and poison.