

Pre- and Post-Workshop Evaluation Summary

Pasture Management Professional Development Workshop

October 22-24, 2013, Dallas, OR

Active Participants: 16 of 16

Date Created: 10/24/2013 1:00:27 PM

Results By Question

1.) Which is NOT essential to stand establishment? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Good seed bed	0%	0%	
Good quality seed	0%	0%	
Good seedling management	0%	0%	
Cheap seed (c)	100%	100%	0%
Totals	100%	100%	14

2.) Certified seed comes directly from registered seed. (True / False)

	Initial	Final	Change
	Percent	Percent	Percent
True (c)	63%	86%	23%
False	38%	14%	
Totals	101%	100%	14

3.) PLS is calculated: (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
(%Purity/%Germination)	19%	6%	
(%Purity x %Germination) / 100 (c)	75%	94%	19%
(Cost of seed) / (Seeding rate)	6%	0%	
(Pounds of seed) x (Seed Cost)	0%	0%	
Totals	100%	100%	16

4.) What is the best buy? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Bullet seed at \$3.00/lb (c)	88%	100%	12%
VNS seed at \$2.80/lb.	12%	0%	
Totals	100%	100%	15

5.) If germination is 90% and purity is 90%, what is the PLS Index? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
18	17%	0%	
90	44%	13%	
99	11%	20%	
81 (c)	28%	67%	39%
Totals	100%	100%	15

6.) Where do cool-season grasses store the most energy for respiration during dormancy and regrowth? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Roots	17%	13%	
Leaves	6%	0%	
Stem bases and lower sheaths (c)	67%	88%	21%

Seed	10%	0%	
Totals	100%	100%	16

7.) Bacteria fix nitrogen in legumes root nodules. Nodules are _____ (color) when actively fixing N? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Green	0%	0%	
White	17%	6%	
Red or pink (c)	83%	94%	11%
Grey	0%	0%	
Totals	100%	100%	16

8.) Forage plants are very photosynthetically efficient because they capture more than 50% of the solar radiation and have 99% conversion of energy. (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
True	68%	13%	
False (c)	32%	87%	55%
Totals	100%	100%	15

9.) The accumulation of successive _____ differentiated from a single apical meristem defines the tiller. (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Phytomers (c)	0%	94%	94%
Leaves	11%	0%	
Culms	47%	0%	
Rhizomes	21%	6%	
Sheaths	21%	0%	
Totals	100%	100%	16

10.) In culmed, or long-shooted vegetative tillers, the apical meristem is elevated above the soil surface by internode elongation while in a vegetative condition. (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
True (c)	84%	80%	-4%
False	16%	20%	
Totals	100%	100%	15

11.) _____ originates from the activity of intercalary meristems located at the base of the several uppermost internodes. (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Leaf tips	6%	31%	
Culm elongation (c)	28%	13%	-16%
Apical meristem	33%	25%	
Reproductive tiller	33%	31%	
Totals	100%	100%	16

12.) ET from irrigated grass-legume pastures in July-August can exceed _____ inches per day? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
0.10 inches	6%	0%	
0.15 inches	6%	0%	
0.20 inches	50%	13%	
0.25 inches (c)	39%	87%	48%
Totals	101%	100%	15

13.) Which grass is a host but is tolerant (no yield loss) of root lesion nematode? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Tall fescue	47%	31%	
Orchardgrass	21%	19%	
Timothy (c)	16%	44%	28%
Smooth brome	16%	6%	
Totals	100%	100%	16

14.) Name the legume that is non-bloating. (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Alfalfa	26%	0%	
Red clover	5%	0%	
Birdsfoot trefoil (c)	68%	100%	32%
White clover	0%	0%	
Totals	99%	100%	16

15.) Which method to estimate forage production is most accurate? (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
Visual (ocular)	6%	0%	
Grazing stick	0%	0%	
Rising plate meter	11%	0%	
Pasture probe	0%	0%	
Clipping and weighing (c)	83%	100%	17%
Totals	100%	100%	16

16.) Hoof action from mob grazing will increase organic matter in soil. (True / False)

	Initial	Final	Change
	Percent	Percent	Percent
True	53%	6%	
False (c)	47%	94%	47%
Totals	100%	100%	16

17.) Rodenticide labels have to list the target pest. (True / False)

	Initial	Final	Change
	Percent	Percent	Percent
True (c)	72%	100%	28%
False	28%	0%	
Totals	100%	100%	16

18.) How many days will the paddock provide adequate feed given: 1,500 lbs DM/acre useable forage 30 lbs DM/AUD 50 AU on 10 acres (Multiple Choice)

	Initial	Final	Change
	Percent	Percent	Percent
1 day	11%	13%	
5 days	32%	13%	
10 days (c)	53%	53%	0%
15 days	5%	20%	
Totals	101%	100%	15

19.) Did the workshop meet your expectations? (Multiple Choice)

Responses

	Percent	Count
Strongly Agree	53%	8
Agree	40%	6
Neutral	0%	0
Disagree	7%	1
Strongly Disagree	0%	0
Totals	100%	15

20.) Was there a good balance of lectures and hands-on exercises? (Multiple Choice)

Responses		
	Percent	Count
Strongly Agree	19%	3
Agree	69%	11
Neutral	13%	2
Disagree	0%	0
Strongly Disagree	0%	0
Totals	100%	16

21.) Did you gain understanding of critical concepts and principles? (Multiple Choice)

Responses		
	Percent	Count
Strongly Agree	44%	7
Agree	56%	9
Neutral	0%	0
Disagree	0%	0
Strongly Disagree	0%	0
Totals	100%	16

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Question		Initial Responses	Final Responses	Change
		Percent	Percent	Percent
1	Cheap seed (c)	100%	100%	0%
2	True (c)	63%	86%	23%
3	(%Purity x %Germination) /100 (c)	75%	94%	19%
4	Bullet seed at \$3.00/lb (c)	88%	100%	12%
5	81 (c)	28%	67%	39%
6	Stem bases and lower sheaths (c)	67%	88%	21%
7	Red or pink (c)	83%	94%	11%
8	False (c)	32%	87%	55%
9	Phytomers (c)	0%	94%	94%
10	True (c)	84%	80%	-4%
11	Culm elongation (c)	28%	13%	-16%
12	0.25 inches (c)	39%	87%	48%
13	Timothy (c)	16%	44%	28%
14	Birdsfoot trefoil (c)	68%	100%	32%
15	Clipping and weighing (c)	83%	100%	17%
16	False (c)	47%	94%	47%
17	True (c)	72%	100%	28%
18	10 days (c)	53%	53%	0%
		57%	82%	25%
Mean		0.57	0.821	
Variance		0.079	0.057	
N		18	18	
P(T<=t) two-tail			0.007	