Agronomy

AGRONOMY DEMO

USE PENCIL ONLY

Inco[illegible] Ma[illegible]s C[illegible] [illegible]rk
✓ ✗ ● • ●

[illegible]am[illegible]

Team #

TEAM NUMBER PROVIDED AT CHECK-IN

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

PRINT AND BUBBLE

STATE = MN

LAST NAME

FIRST NAME

Last Name												Fi							
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Assessments

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E

Solutions

11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E

General Knowledge Exam

Management Test use 1-45

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Judging Classes

		1	2
1	1234	○	○
2	1243	○	○
3	1324	○	○
4	1342	○	○
5	1423	○	○
6	1432	○	○
7	2134	○	○
8	2143	○	○
9	2314	○	○
10	2341	○	○
11	2413	○	○
12	2431	○	○
13	3124	○	○
14	3142	○	○
15	3214	○	○
16	3241	○	○
17	3412	○	○
18	3421	○	○
19	4123	○	○
20	4132	○	○
21	4213	○	○
22	4231	○	○
23	4312	○	○
24	4321	○	○

Insect Identification

Insect Practicum Use 1-10

Identification

Example

3	1	2	●	4	7	0	1	2	3	4	5	6	●	8	9

Sample #:	Tens Digit					Ones Digit											Economic Impact				Life Cycle			Mouth Parts					
																	None or predatory	Fruit/Flower destruction	Vegetative part destruction	Removal of plant fluids	Complete	Incomplete	None	Chewing	Chewing-lapping	Rasping-sucking	Piercing-sucking	Sponging	Siphoning
1	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
2	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
3	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
4	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
5	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
6	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
7	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
8	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
9	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
10	☐	1	2	3	4	☐	0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si

Score 1			Score 2			Score 3			Score 4		
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9

Agronomic Disorders

Sample #:	Causal Category			Agents																		Parts of Plant Displayed			
	Biological	Cultural	Environmental	Bacteria	Chemical	Compaction	Drought	Frost damage	Fungus	Hail	Heat	Insect	Lightning	Mechanical	Moisture	Nematodes	Nutritional	Pollution	Sun scald	Virus	Wind damage	Reproductive	Vegetative	Vascular Bundles	More than one
1	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
2	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
3	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
4	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
5	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
6	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
7	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
8	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
9	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
10	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M

Weed/Crop - Plant and Seed Identification

Identification
Use 1-50

START HERE

1	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
2	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
9	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
10	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
11	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
12	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
13	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
14	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
15	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
16	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
17	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
21	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
22	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
23	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
24	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
25	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
26	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
27	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
28	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
29	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
30	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
31	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
32	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
33	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
34	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
35	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
36	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
37	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
38	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
39	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
40	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
41	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
42	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
43	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
44	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
45	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
46	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
47	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
48	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
49	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
50	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

Soils & Nutrient Management

Soils Practicum
Use 1-10

Fertilizer
Practicum
use 11-20

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Equipment/Machinery Identification

1	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
2	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
9	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
10	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
11	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
12	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
13	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
14	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
15	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
16	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
17	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

Agronomy

For #0 4

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AGRONOMY DEMO

m am

USE PENCIL ONLY

PRINT AND BUBBLE

STATE = MN

LAST NAME

FIRST NAME

TEAM NUMBER PROVIDED AT CHECK-IN

Team #

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Last Name												Fi							
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Assessments

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E

Solutions

11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E

General Knowledge Exam

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Judging Classes

		1	2
1	1234	○	○
2	1243	○	○
3	1324	○	○
4	1342	○	○
5	1423	○	○
6	1432	○	○
7	2134	○	○
8	2143	○	○
9	2314	○	○
10	2341	○	○
11	2413	○	○
12	2431	○	○
13	3124	○	○
14	3142	○	○
15	3214	○	○
16	3241	○	○
17	3412	○	○
18	3421	○	○
19	4123	○	○
20	4132	○	○
21	4213	○	○
22	4231	○	○
23	4312	○	○
24	4321	○	○

Insect Identification

Identification

Example

3	1	2	●	4	7	0	1	2	3	4	5	6	●	8	9

Sample #:	Tens Digit					Ones Digit											Economic Impact				Life Cycle			Mouth Parts					
																	None or predatory	Fruit/Flower destruction	Vegetative part destruction	Removal of plant fluids	Complete	Incomplete	None	Chewing	Chewing-lapping	Rasping-sucking	Piercing-sucking	Sponging	Siphoning
1		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
2		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
3		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
4		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
5		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
6		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
7		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
8		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
9		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si
10		1	2	3	4		0	1	2	3	4	5	6	7	8	9	NP	F	V	R	C	I	N	C	CL	RS	PS	Sp	Si

Score 1			Score 2			Score 3			Score 4		
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9

Agronomic Disorders

Sample #:	Causal Category			Agents																		Parts of Plant Displayed			
	Biological	Cultural	Environmental	Bacteria	Chemical	Compaction	Drought	Frost damage	Fungus	Hail	Heat	Insect	Lightning	Mechanical	Moisture	Nematodes	Nutritional	Pollution	Sun scald	Virus	Wind damage	Reproductive	Vegetative	Vascular Bundles	More than one
1	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
2	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
3	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
4	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
5	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
6	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
7	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
8	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
9	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M
10	B	C	E	B	Ch	Co	D	Fr	Fn	Ha	Ht	I	L	Me	Mo	Ne	Nu	P	S	V	W	R	Ve	Va	M

Agronomy
Form #70 4

Inco Marks C Mark
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AGRONOMY DEMO

USE PENCIL ONLY

m am

Team #

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Last Name / **Fi**

Last Name												Fi							
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Assessments

1	A B C D E
2	A B C D E
3	A B C D E
4	A B C D E
5	A B C D E
6	A B C D E
7	A B C D E
8	A B C D E
9	A B C D E
10	A B C D E

Solutions

11	A B C D E
12	A B C D E
13	A B C D E
14	A B C D E
15	A B C D E
16	A B C D E
17	A B C D E
18	A B C D E
19	A B C D E
20	A B C D E

General Knowledge Exam

1	A B C D E	26	A B C D E
2	A B C D E	27	A B C D E
3	A B C D E	28	A B C D E
4	A B C D E	29	A B C D E
5	A B C D E	30	A B C D E
6	A B C D E	31	A B C D E
7	A B C D E	32	A B C D E
8	A B C D E	33	A B C D E
9	A B C D E	34	A B C D E
10	A B C D E	35	A B C D E
11	A B C D E	36	A B C D E
12	A B C D E	37	A B C D E
13	A B C D E	38	A B C D E
14	A B C D E	39	A B C D E
15	A B C D E	40	A B C D E
16	A B C D E	41	A B C D E
17	A B C D E	42	A B C D E
18	A B C D E	43	A B C D E
19	A B C D E	44	A B C D E
20	A B C D E	45	A B C D E
21	A B C D E	46	A B C D E
22	A B C D E	47	A B C D E
23	A B C D E	48	A B C D E
24	A B C D E	49	A B C D E
25	A B C D E	50	A B C D E

Judging Classes

		1	2
1	1234	○	○
2	1243	○	○
3	1324	○	○
4	1342	○	○
5	1423	○	○
6	1432	○	○
7	2134	○	○
8	2143	○	○
9	2314	○	○
10	2341	○	○
11	2413	○	○
12	2431	○	○
13	3124	○	○
14	3142	○	○
15	3214	○	○
16	3241	○	○
17	3412	○	○
18	3421	○	○
19	4123	○	○
20	4132	○	○
21	4213	○	○
22	4231	○	○
23	4312	○	○
24	4321	○	○

Insect Identification

Insect Practicum

Use 1-10

Identification

Example

3	1 2 ● 4	7	0 1 2 3 4 5 6 ● 8 9

Sample #:	Tens Digit		Ones Digit		Economic Impact: None or predatory / Fruit/Flower destruction / Vegetative part destruction / Removal of plant fluids	Life Cycle: Complete / Incomplete / None	Mouth Parts: Chewing / Chewing-lapping / Rasping-sucking / Piercing-sucking / Sponging / Siphoning
1		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
2		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
3		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
4		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
5		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
6		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
7		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
8		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
9		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
10		1 2 3 4		0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si

Score 1			Score 2			Score 3			Score 4		
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9

Agronomic Disorders

Sample #:	Causal Category: Biological / Cultural / Environmental	Agents: Bacteria / Chemical / Compaction / Drought / Frost damage / Fungus / Hail / Heat / Insect / Lightning / Mechanical / Moisture / Nematodes / Nutritional / Pollution / Sun scald / Virus / Wind damage	Parts of Plant Displayed: Reproductive / Vegetative / Vascular Bundles / More than one
1	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
2	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
3	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
4	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
5	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
6	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
7	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
8	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
9	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
10	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M

Agronomy

AGRONOMY DEMO

USE PENCIL ONLY

Inco rk
✓ ✗ ● ○

Team #

0 0 0 0
1 1 1 1
2 2 2 2
3 3 3 3
4 4 4 4
5 5 5 5
6 6 6 6
7 7 7 7
8 8 8 8
9 9 9 9

Code

0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9

Last Name **Fi**

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A A A A A A A A A A A A A A A A A A A A
B B B B B B B B B B B B B B B B B B B B
C C C C C C C C C C C C C C C C C C C C
D D D D D D D D D D D D D D D D D D D D
E E E E E E E E E E E E E E E E E E E E
F F F F F F F F F F F F F F F F F F F F
G G G G G G G G G G G G G G G G G G G G
H H H H H H H H H H H H H H H H H H H H
I I I I I I I I I I I I I I I I I I I I
J J J J J J J J J J J J J J J J J J J J
K K K K K K K K K K K K K K K K K K K K
L L L L L L L L L L L L L L L L L L L L
M M M M M M M M M M M M M M M M M M M M
N N N N N N N N N N N N N N N N N N N N
O O O O O O O O O O O O O O O O O O O O
P P P P P P P P P P P P P P P P P P P P
Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
R R R R R R R R R R R R R R R R R R R R
S S S S S S S S S S S S S S S S S S S S
T T T T T T T T T T T T T T T T T T T T
U U U U U U U U U U U U U U U U U U U U
V V V V V V V V V V V V V V V V V V V V
W W W W W W W W W W W W W W W W W W W W
X X X X X X X X X X X X X X X X X X X X
Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z

Assessments

1 A B C D E
2 A B C D E
3 A B C D E
4 A B C D E
5 A B C D E
6 A B C D E
7 A B C D E
8 A B C D E
9 A B C D E
10 A B C D E

Solutions

11 A B C D E
12 A B C D E
13 A B C D E
14 A B C D E
15 A B C D E
16 A B C D E
17 A B C D E
18 A B C D E
19 A B C D E
20 A B C D E

General Knowledge Exam

Management Test
use 1-45

1 A B C D E
2 A B C D E
3 A B C D E
4 A B C D E
5 A B C D E
6 A B C D E
7 A B C D E
8 A B C D E
9 A B C D E
10 A B C D E
11 A B C D E
12 A B C D E
13 A B C D E
14 A B C D E
15 A B C D E
16 A B C D E
17 A B C D E
18 A B C D E
19 A B C D E
20 A B C D E
21 A B C D E
22 A B C D E
23 A B C D E
24 A B C D E
25 A B C D E
26 A B C D E
27 A B C D E
28 A B C D E
29 A B C D E
30 A B C D E
31 A B C D E
32 A B C D E
33 A B C D E
34 A B C D E
35 A B C D E
36 A B C D E
37 A B C D E
38 A B C D E
39 A B C D E
40 A B C D E
41 A B C D E
42 A B C D E
43 A B C D E
44 A B C D E
45 A B C D E
46 A B C D E
47 A B C D E
48 A B C D E
49 A B C D E
50 A B C D E

Judging Classes

		1	2
1	1234	○	○
2	1243	○	○
3	1324	○	○
4	1342	○	○
5	1423	○	○
6	1432	○	○
7	2134	○	○
8	2143	○	○
9	2314	○	○
10	2341	○	○
11	2413	○	○
12	2431	○	○
13	3124	○	○
14	3142	○	○
15	3214	○	○
16	3241	○	○
17	3412	○	○
18	3421	○	○
19	4123	○	○
20	4132	○	○
21	4213	○	○
22	4231	○	○
23	4312	○	○
24	4321	○	○

Insect Identification

Identification

Example

3 1 2 ● 4 | 7 0 1 2 3 4 5 6 ● 8 9

Sample #:	Identification: Tens Digit	Identification: Ones Digit	Economic Impact: None or predatory / Fruit/Flower destruction / Vegetative part destruction / Removal of plant fluids	Life Cycle: Complete / Incomplete / None	Mouth Parts: Chewing / Chewing-lapping / Rasping-sucking / Piercing-sucking / Sponging / Siphoning
1	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
2	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
3	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
4	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
5	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
6	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
7	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
8	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
9	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si
10	1 2 3 4	0 1 2 3 4 5 6 7 8 9	NP F V R	C I N	C CL RS PS Sp Si

Score 1

0 0 0
1 1 1
2 2 2
3 3 3
4 4 4
5 5 5
6 6 6
7 7 7
8 8 8
9 9 9

Score 2

0 0 0
1 1 1
2 2 2
3 3 3
4 4 4
5 5 5
6 6 6
7 7 7
8 8 8
9 9 9

Score 3

0 0 0
1 1 1
2 2 2
3 3 3
4 4 4
5 5 5
6 6 6
7 7 7
8 8 8
9 9 9

Score 4

0 0 0
1 1 1
2 2 2
3 3 3
4 4 4
5 5 5
6 6 6
7 7 7
8 8 8
9 9 9

Agronomic Disorders

Sample #:	Causal Category: Biological / Cultural / Environmental	Agents: Bacteria / Chemical / Compaction / Drought / Frost damage / Fungus / Hail / Heat / Insect / Lightning / Mechanical / Moisture / Nematodes / Nutritional / Pollution / Sun scald / Virus / Wind damage	Parts of Plant Displayed: Reproductive / Vegetative / Vascular Bundles / More than one
1	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
2	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
3	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
4	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
5	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
6	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
7	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
8	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
9	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M
10	B C E	B Ch Co D Fr Fn Ha Ht I L Me Mo Ne Nu P S V W	R Ve Va M

Weed/Crop - Plant and Seed Identification

Identification Use 1-50

START HERE

	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
25	0 1 2 3 4 5 6 7 8 9	50	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
24	0 1 2 3 4 5 6 7 8 9	49	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
23	0 1 2 3 4 5 6 7 8 9	48	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
22	0 1 2 3 4 5 6 7 8 9	47	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
21	0 1 2 3 4 5 6 7 8 9	46	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
20	0 1 2 3 4 5 6 7 8 9	45	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
19	0 1 2 3 4 5 6 7 8 9	44	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
18	0 1 2 3 4 5 6 7 8 9	43	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
17	0 1 2 3 4 5 6 7 8 9	42	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
16	0 1 2 3 4 5 6 7 8 9	41	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
15	0 1 2 3 4 5 6 7 8 9	40	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
14	0 1 2 3 4 5 6 7 8 9	39	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
13	0 1 2 3 4 5 6 7 8 9	38	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
12	0 1 2 3 4 5 6 7 8 9	37	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
11	0 1 2 3 4 5 6 7 8 9	36	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
10	0 1 2 3 4 5 6 7 8 9	35	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9	34	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9	33	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
7	0 1 2 3 4 5 6 7 8 9	32	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
6	0 1 2 3 4 5 6 7 8 9	31	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9	30	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9	29	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9	28	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9	27	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9	26	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9		0 1 2 3 4 5 6 7 8 9

Soils & Nutrient Management

1	A B C D E	26	A B C D E
2	A B C D E	27	A B C D E
3	A B C D E	28	A B C D E
4	A B C D E	29	A B C D E
5	A B C D E	30	A B C D E
6	A B C D E	31	A B C D E
7	A B C D E	32	A B C D E
8	A B C D E	33	A B C D E
9	A B C D E	34	A B C D E
10	A B C D E	35	A B C D E
11	A B C D E	36	A B C D E
12	A B C D E	37	A B C D E
13	A B C D E	38	A B C D E
14	A B C D E	39	A B C D E
15	A B C D E	40	A B C D E
16	A B C D E	41	A B C D E
17	A B C D E	42	A B C D E
18	A B C D E	43	A B C D E
19	A B C D E	44	A B C D E
20	A B C D E	45	A B C D E
21	A B C D E	46	A B C D E
22	A B C D E	47	A B C D E
23	A B C D E	48	A B C D E
24	A B C D E	49	A B C D E
25	A B C D E	50	A B C D E

Equipment/Machinery Identification

20	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
19	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
18	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
17	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
16	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
15	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
14	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
13	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
12	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
11	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
10	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
7	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
6	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9

Weed/Crop - Plant and Seed Identification

START HERE

	0	1	2	3	4	5	6	7	8	9
1	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
2	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
9	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
10	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
11	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
12	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
13	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
14	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
15	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
16	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
17	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
21	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
22	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
23	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
24	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
25	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

	0	1	2	3	4	5	6	7	8	9
26	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
27	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
28	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
29	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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35	0	1	2	3	4	5	6	7	8	9
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37	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
38	0	1	2	3	4	5	6	7	8	9
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39	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
41	0	1	2	3	4	5	6	7	8	9
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42	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
48	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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50	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

Soils & Nutrient Management

Soils Practicum
Use 1-10

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E
11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E
21	A	B	C	D	E
22	A	B	C	D	E
23	A	B	C	D	E
24	A	B	C	D	E
25	A	B	C	D	E

26	A	B	C	D	E
27	A	B	C	D	E
28	A	B	C	D	E
29	A	B	C	D	E
30	A	B	C	D	E
31	A	B	C	D	E
32	A	B	C	D	E
33	A	B	C	D	E
34	A	B	C	D	E
35	A	B	C	D	E
36	A	B	C	D	E
37	A	B	C	D	E
38	A	B	C	D	E
39	A	B	C	D	E
40	A	B	C	D	E
41	A	B	C	D	E
42	A	B	C	D	E
43	A	B	C	D	E
44	A	B	C	D	E
45	A	B	C	D	E
46	A	B	C	D	E
47	A	B	C	D	E
48	A	B	C	D	E
49	A	B	C	D	E
50	A	B	C	D	E

Equipment/Machinery Identification

1	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
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	0	1	2	3	4	5	6	7	8	9
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12	0	1	2	3	4	5	6	7	8	9
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13	0	1	2	3	4	5	6	7	8	9
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14	0	1	2	3	4	5	6	7	8	9
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15	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
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17	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

Weed/Crop - Plant and Seed Identification

25	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	50	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
24	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	49	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
23	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	48	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
22	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	47	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
21	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	46	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
20	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	45	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
19	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	44	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
18	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	43	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
17	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	42	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
16	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	41	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
15	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	40	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
14	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	39	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
13	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	38	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
12	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	37	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
11	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	36	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
10	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	35	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	34	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	33	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
7	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	32	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
6	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	31	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	30	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	29	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	28	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	27	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9	26	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

START HERE

Soils & Nutrient Management

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Fertilizer
Practicum
use 11-20

Equipment/Machinery Identification

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19	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
18	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
17	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
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13	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
12	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
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10	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
7	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
6	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9