



Mansoura University

Faculty of Agriculture

Theoretical Exam Agr.311 Crop Production 1

2 nd Semester 2013/2014 - Plant Production Program students

Time allowed: 2 Hours - Exam Date: 11/5/2014

Note: Exam in 4 pages

A. Answer the following questions in own sheet answer? (30 Marks):

- 1-Why we are planting wheat with recommended seeding rates?(10 Marks).
- 2-Why we sown Field bean at suitable sowing date? (10 Marks).
- 3-Why we cultivate maize at optimum plant population density? (10 Marks).

B. Select the most appropriate answer from the following questions (30 Marks):

- 1. The optimum seeding rate for a wheat crop when sown with
- a) 40-50 kg/fed. b) 50-60 kg/fed. c) 50-60 kg/fed. d) 60-90 kg/fed.
- 2. The optimum planting date in Delta region of wheat is
- a) first October.

- b) mid-October.
- c) the fourth week of December.
- d) first three weeks from November.
- 3. The most suitable planting methods in Delta region of wheat is
- a) broadcasting.

- b) drilling at rows 10 cm.
- c) drilling at rows 20 cm.
- d) drilling at rows 30 cm.
- 4.Chemical weed control in wheat fields by using
- a) Atrazien 1kg/fed

- b) cymazine 2kg/fed.
- c) Promenal plus at 250/ L fed.
- d) drilling at rows 30 cm.
- 5. The optimum rate of nitrogen (N) application in wheat is
- a) 30-40 kg fed⁻¹. b) 40-50 kg fed⁻¹. c) 60-80 kg fed⁻¹. d) 80-100 kg fed⁻¹.

6.The most suitable wheat North Delta soil is	cultivar salinity tolerant and cultivated in			
a) Sakha 93. b) Sohag 3	c) Sakha 92. d) Gemmiza 9			
7.Wheat cultivar cultivate for	make semolina flour for pasta is			
a) Sakha 93. b) Gemmiza	7. c) Sakha 92. d) Bani Swife 5			
8. Rice is grown between				
a) 10°N and 15°N.	b) 5°N and 15°N.			
c) 40°N and 45°S.	d) 30°N and 50°N.			
9. Rice growth and production	on are best in			
a) clay soils.	b) calcic soil.			
c) saline soil.	d) sandy soils.			
10. The optimum seeding rate for a rice crop when sown with a) 25-30 kg/fed. b) 30-40 kg/fed. c) 40-50 kg/fed. d) 50-60 kg/fed.				
11. The optimum planting da	te in Delta region of rice is			
a) first April.	b) mid-July.			
c) the fourth week of June.	d) first May			
12. Reduces in temperature during rice growth to 15C° reflected in				
a) reduced growth.	b) reduce in number of tillers.			
c) increase in dry weight.	d) late in tiller formation and maturation.			
13.Reduction in light intensi	ty during rice grown reflected in			
a) reduces in growth.	b) reduce in panicle number			
c) rduce in dry weight.	d) all answers mentioned.			
14.Chemical weed control in	rice fields by using			
a) Atrazien 1kg/fed	b) cymazine 2kg/fed.			
c) Catren 50% 2L /fed	d) Bazegran.			
15. The optimum rate of a cultivars is	nitrogen (N) application in short stem rice			

a) 40 kg/fed.	b) 50 kg/fed.	c) 60 kg fed.	d) 80 kg/fed.			
17.The most sui	table rice cultiva	r tolerant salinity	and cultivated in North			
a) Giza 177.	b) Giza 178.	c) Sakha 101.	d) Sakha 104			
18. Maize growth and production are best in						
a) clay loams	b) calcic soil.	c) saline soil.	d) sandy soils.			
19. The optimum seeding rate for a maize crop when sown with						
-		•	d. d) 12-15 kg/fed.			
20 The entireur	n nlantina data i	n Dalta masiam of	maiga is			
•		n Delta region of				
a) first June.	b) First July.	c) First April.	d) First May.			
21.Reducing in temperature during seedling stage of field bean lead to						
a) reduced grow		b) poor seed quality.				
c) reduce dry ma	atter.	d) early flow	ering.			
22. Increasing in light periods during field bean grown lead to						
a) increase NP uptake. b) low branching.			ching.			
c) reduce dry matter.		d) reduce flowering.				
23. Field bean cultivar tolerant to broomrape infection is						
a) Giza 843.	b) Giza 714.	c) Giza 717.	d) El-Nobaria 1.			
24. In the north	ern hemisphere, o	chickpea is grown	between			
a) 10°N and 15°N.		b) 5°N and 15°N.				
c) 20°N and 40°N.		d) 30°N and 50°N.				
25. Chickpea gr	owth and produc	tion are best in				
a) silty clay loams. b) calcic terrarosa.						
c) deep black cotton soil.		d) sandy soils.				
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26. Chickpea has a big seed cultivar is						
a) Giza 1.	b) Giza 2.	c) Giza 3.	d) Giza 195.			

27. Chickpea cul	tivar cultivate in	n calcic newly reclain	med soils is	
a) Giza 1.	b) Giza 2.	c) Giza 3.	d) Giza 195.	
28. The optimum	n sowing date of	f chickpea in Egypt is		
a) mid- September.		b) mid-October to mid-November.		
c) End-November.		d) First December.		
 29. The optimum Egyptian clover sowing date is a) mid- September. b) First to mid-October. c) End-November. d) First December. 				
30. Egyptian clo	ver growth and	production are best i	n	
a) clay loamy so	ils.	b) calcic terrar	osa.	
c) deep black co	tton soil.	d) sandy soils	J.	

With Best our wishes.....

Exam committee