Subjects: Farm Machinery

Time: 3 hr

Date: 23/6/2021

Trial: first

University of Salahaddin-Erbil

College of Agriculture

Field Crops Department

Postgraduate Studies Master degree



Final Examination

2nd Semester (2020-2021)

(Answer 10 questions)

Q1/ Define the primary tillage equipment? and explain by drawing the mouldboard plough.

Q2/ Mention with explains the methods of ploughing.

Q3/ Before starting the operation it is necessary to be familiar with the qualities of good plowing with mouldboard plough?

Q4/ Explain by drawing the disc plough and mention the constructional features?

Q5/ “Adjustments of disc plough its necessary to get better results’’ discuss this phrase and enhance your answer by drawing?

Q6/ Write about the secondary tillage equipment such as harrows and their penetration in the soil.

Q7/ Define the sowing and planting equipment? and mention their categories, with constructional features.

Q8/ Explain the furrow opening unit and its types.

Q9/ Mention the whole steps to calibrate of seed cum fertilizer drill or planter?

Q10/ Explain the components of seed drill and constructional features of planter.

Q11/ Write about the special crop planters. For example, potato planter about how it is work? and the type of planters.

Lecturer name

Dr. Abdulla F. Younis

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Q5/ “Adjustments of disc plough its necessary to get better results’’ discuss this phrase and enhance your answer by drawing?

Q6/ The principle of operation in rotary tillers and the cross-sectional area of the slice depends upon the depth of the tillage and the amount of forwarding tillage. Mention the factors that affect rotary tillers?

Q7/ Write about the secondary tillage equipment such as harrows and their penetration in the soil.

Q8/ Define the sowing and planting equipment? and mention their categories, with constructional features.

Q9/ Explain the furrow opening unit and its types.

Q10/ Mention the whole steps to calibrate of seed cum fertilizer drill or planter?

Q11/ Write the operational procedures for good quality work of the seeder.

Q12/ Explain the components of seed drill and constructional features of planter.

Q13/ Mention the operation and adjustment of a planter.

Q14/ Write about the special crop planters. For example, potato planter about how it is work? and the type of planters.

Lecturer name

Dr. Abdulla F. Younis