Документ подписан простой электронной подписью

Информация о владельце:

ФИО: КОМИ МИН ИСТЕРСТВО СЕЛЬСКОГО ХОЗЯЙСТВА РОССИЙСКОЙ ФЕДЕРАЦИИ

Должность: ректор

Дата подписания: 28.10.2023 12:54:59

ФГБОУ ВО ПРИМОРСКАЯ ГСХА

Уникальный программный ключ:

f6c6d686f0c899fdf76a1ed8b448452ab8carcfb1af6547b6d40cdf1hdc60ae2 лесопаркового хозяйства

# Кафедра философии и социально-гуманитарных дисциплин УТВЕРЖДЕН

на заседании кафедры

« 13 » декабря 2019 г., протокол

№3 Заведующий кафедрой

А.Г. Сахатский

(подпись)

#### ФОНД

#### ОЦЕНОЧНЫХ СРЕДСТВ

# ДЛЯ ПРОВЕДЕНИЯ ПРОМЕЖУТОЧНОЙ АТТЕСТАЦИИ ОБУЧАЮЩИХСЯ ПО ДИСЦИПЛИНЕ (МОДУЛЮ) ИНОСТРАННЫЙ ЯЗЫК

(наименование дисциплины)

35.03.06 Агроинженерия

(код и наименование направления подготовки)

Технические системы в агробизнесе

(наименование профиля подготовки)

бакалавр

Квалификация (степень) выпускника

Уссурийск 2020 г.

# 1. Перечень компетенций с указанием этапов их формирования в процессе освоения образовательной программы

# Паспорт фонда оценочных средств по дисциплине (модулю) ИНОСТРАННЫЙ ЯЗЫК

#### Модели контролируемых компетенций:

Компетенция, формируемая в результате изучения дисциплины

Тип	Формулировка компетенции	Номер	Формулировка индикатора
компетенции		индикатора	достижения цели
		достижения	
		цели	
УК-4	Способен осуществлять деловую	3	Применяет изученные
	коммуникацию в устной и письменной		лексические единицы в
	формах на государственном языке		ситуациях повседневно-
	Российской Федерации и иностранном		бытового, социально-
	(ых) языке(ах)		культурного и делового
			общения на иностранном
			языке
		4	Распознает и употребляет
			изученные грамматические
			категории и конструкции
			для осуществления
			межкультурного общения
			на иностранном языке

В результате освоения дисциплины (модуля) обучающийся должен

#### знать:

изученные лексические единицы (УК-4.3);

основные грамматические категории и конструкции (УК-4.4);

#### уметь:

использовать изученные лексические единицы в ситуациях повседневно-бытового, социально-культурного и делового общения на иностранном языке (УК-4.3); распознавать изученные грамматические категории и конструкции, употреблять

изученные грамматические категории и конструкции для осуществления межкультурного общения на иностранном языке (УК-4.4).

Описание показателей и критериев оценивания компетенций на различных этапах их формирования, описание шкал оценивания

Таблица 1 – Оценка контролируемой компетенции

Taominga T Ogenka kompompyemon kommercingin					
No	Контролируемые разделы	Код	Наименование оценочного		
$\Pi/\Pi$	дисциплины	контролируемой	средства		
		компетенции			
1.	Моя семья. Мой родной город.	УК- 4.3,4.4	Контрольная работа,		
	Москва. Лондон.				
2.	Наша академия. Система		Тест, презентация		
	образования в России. Система				
	высшего образования в	УК- 4.3,4.4			
	Великобритании. Кэмбридж.				
3.	Моя будущая профессия.	УК- 4.3,4.4	Презентация, опрос, проект		
	Образование в США и				
	Великобритании в				
	сельскохозяйственных ВУЗах.				
4.	Карьера в сельском хозяйстве.	УК- 4.3,4.4	Тест, опрос		
	Моя профессия – инженер.				
	Сельское хозяйство в России и				
	мире.				
5.	Сельскохозяйственная техника.	УК- 4.3,4.4	Контрольная работа, проект		
	Виды двигателей.				
6.	Современные технологии в	УК- 4.3,4.4	Презентация, опрос		
	сельском хозяйстве.				
	Компьютерные технологии в				
	сельском хозяйстве.				
7.	Тракторы. Современная		Конспект, тест, опрос		
	техника для посадки и сбора				
	урожая.				

<sup>\*</sup> Наименование темы (раздела) или тем (разделов) берется из рабочей программы дисциплины.

<sup>\*\*</sup> В графу наименование оценочного средства в обязательном порядке входит способ осуществления оценки компетенции (части контролируемой компетенции) (устно, письменно, компьютерные технологий и др.).

Таблица 2 - Примерный перечень оценочных средств

п/	Наименование оценочного средства 2	Краткая характеристика оценочного средства 3	Представление оценочного средства в фонде
1.	Контрольная работа, письменный перевод	Средство проверки умений применять полученные знания для решения задач определенного типа по теме или разделу.	My family; Our academy; English speaking countries; Farm Machinery; Component Parts of Machines; - to be, - to have; Noun; Possessive Case; Simple Tenses
2.	Сообщение (презентация)	Продукт самостоятельной работы студента, представляющий собой публичное выступление по представлению полученных результатов решения определенной учебно-практической, учебно-исследовательской или научной темы	My family; University education; Component Parts of Machines; Types of Fuels; Accessories
3.	Собеседова- ние	Средство контроля, организованное как специальная беседа педагогического работника с обучающимся на темы, связанные с изучаемой дисциплиной, и рассчитанное на выяснение объема знаний обучающегося по определенному разделу, теме, проблеме и т.п.	Town and country; English speaking countries; Farm Machinery; Farm machines and Implements; History of the Automobile; Modern Cars; Home reading
4.	Тест	Система стандартизированных заданий, позволяющая автоматизировать процедуру измерения уровня знаний и умений обучающегося.	Great Britain (Geographic test); The USA(Geographic test); Degrees of Comparison; Pronouns; Тесты для проверки остаточных знаний.
5.	Проект	Конечный продукт, получаемый в результате планирования и выполнения комплекса учебных и исследовательских заданий. Позволяет оценить умения обучающихся самостоятельно конструировать свои знания в процессе решения практических задач и проблем, ориентироваться в информационном пространстве и уровень сформированности аналитических, исследовательских навыков, навыков практического и творческого мышления. Может выполняться в индивидуальном порядке или группой обучающихся.	Education in Russia and abroad; Types of Engines

Таблица 3 – Планируемые уровни сформированности компетенций

Индекс	Критерии	
компетенции	оценки	Отличительные признаки
		Содержание соответствует теме задания. В работе отражено
		90-100 % предусмотренного заданием объема информации.
		Продемонстрировано знание
		фактического материала, отсутствуют ошибки.
		Продемонстрировано уверенное владение понятийно-
		терминологическим аппаратом дисциплины (модуля)
	(OTT TYTY O))	(уместность употребления терминов, правильная их
УК- 4.3,4.4	«Отлично»	трактовка). Умелое использование терминов дисциплины (модуля) в их ассоциативной взаимосвязи.
у К- 4.5,4.4	«зачтено»	(модуля) в их ассоциативной взаимосвязи. Отсутствуют стилистические и орфографические ошибки в
		тексте. Работа выполнена аккуратно, без помарок и
		исправлений.
		Содержание в целом соответствует теме задания. В работе
	«Хорошо»	отражено 70-89 % предусмотренного заданием объема
	«зачтено»	информации. Продемонстрировано знание фактического
		материала, встречаются несущественные ошибки.
		Продемонстрировано владение понятийно-
		терминологическим аппаратом дисциплины. Умелое
		использование терминов дисциплины (модуля) в их
		ассоциативной взаимосвязи.
		Содержание ответов в целом соответствует теме задания. В
		работе отражено
		61-69 % предусмотренного заданием объема информации.
		Продемонстрировано знание фактического материала,
		встречаются существенные ошибки.
		Продемонстрировано достаточное владение понятийно-
		терминологическим аппаратом дисциплины, есть ошибки в
		употреблении и трактовке терминов. Обилие ошибок в
		стилистике. Есть орфографические ошибки. Работа
		выполнена не очень аккуратно, встречаются помарки и
		исправления.
		Содержание ответов не соответствует теме задания. Ответы
	«Неудовлетв	·
	•	терминологическим аппаратом дисциплины не
	-	продемонстрировано. Обилие ошибок в стилистике. Есть
		орфографические ошибки. В ответах допускаются
		принципиальные ошибки, указывающие на неумение
		построить – менее 55% правильных ответов.

2. Методические материалы, определяющие процедуру оценивания знаний, умений, навыков и опыта деятельности, характеризующие

#### этапы формирования компетенций

#### Методика оценивания знаний, умений и навыков

Итоговая оценка считается по формуле:

 $n+n+\dots$ , q где n - количество баллов набранных студентом по компетенции (максимальное количество баллов — 5); q - количество компетенций.

3. Типовые контрольные задания или иные материалы, необходимые для оценки знаний, умений, навыков и опыт деятельности, характеризующих этапы формирования компетенций в процессе освоения образовательной программы Фонд тестовых заданий по дисциплине «Иностранный язык»

#### **Test 1: Personal and Possessive pronouns**

<u>C</u> h	noose the correct variant:
1.	What colour is the car? – It is quite far, Ican'tseecolour.
a)	It
b)	It's
c)	Its
2.	were the last words.
a)	His
b)	Him
c)	He
3.	told me a funny story the other day.
a)	A mine friend
b)	Of my friend
c)	A friend of mine
4.	Why are you sitting here? It is not your place, but
a)	Her
b)	She
,	Hers
5.	These sweets are very tasty. Couldyougiveto me, please?
a)	it
b)	them
,	they
6.	Where is the cooler? – You are standing next to
a)	It
b)	Him
,	He
7.	You haven't seen! How can you say, that she is a bad painter?

a)	Hers picture
	A her picture
c)	A picture of hers
	what direction do you usually hitch-hike? – Western Europe. Join
0. 11.	
a)	our
b)	we
c)	us
	n holiday I'm going to stay inhouse.
a)	they
b)	their
c)	them
10.	I really love here in Paris!
a)	his
b)	it
c)	them
11.	It is a very good project, but is better.
a)	ours
b)	our
c)	us
	Jack, Are you listening to.
a)	I
b)	Me
c)	My
	Every cat washes_face after eating.
a)	his
b)	her :to
c) 14.	its  Ummml Nice photos! Veeh! It's in Heyesii
a)	Hmmm! Nice photos! –Yeah! It'sin Hawaii. ours
b)	we
c)	us
15.	What are you doing? – It is nonebusiness!
a)	your
	of your
,	of yours
,	, and the second
Test	2: Noun. The Plural Form
Cho	ose the correct variant:
1. O	our two are crying all the time.
a)	babies
b)	babys
	babyes
	o news good news.
a)	is
b)	are
	. usually fly not very high.
a)	flyes

b)	flys
c)	flies
4.	These potatoes weigh five
a)	kiloes
b)	kilos
5. l	don't like going by car. If I have a chance, I always go on
a)	foot
b)	feet
c)	foots
	What do you need thesefor?
a)	boxs
b)	boxes
7. I	My new Swiss watch 3 minutes slow.
a)	is
b)	are
8. 7	Those were the happiest days of our
a)	lifes
b)	lives
,	lifees
	Leaves usually trees in autumn.
a)	leaf
í.	leave
c)	leafs
d)	leaves
	Rock music of the 1970s is an extremely interesting cultural
a)	phenomen
b)	phenomena
c)	phenomenon 11.Big don't cry.
a)	boys
b)	boyes
۵)	prefer natural when I want to change my hairstyle.
a) b)	
b) c)	dyes dys
13.	It is rather dangerous to walk on after the rain.
a)	roofs
b)	roofes
c)	rooves
14.	Dentists recommend using twice a day: in the morning and in the
evening.	Demais recommend using in three ways in the merning and in the
a)	tooth`spaste
b)	tooth paste
c)	teeth's paste
d)	teeth paste
15.	
a)	Childs
h)	Children

#### c) Childrens

#### **Test 3: Adjective. Degrees of Comparison**

#### Choose the correct variant:

- 1. My wife is ... than your wife.
- a) the most beautiful
- b) beautifuller
- c) more beautiful
- 2. Their flat is ... than ours.
- a) morelarge
- b) larger
- c) thelarger
- 3. You are ... person that Iknow.
- a) luckyer
- b) the luckiest
- c) the luckyest
- 4. Cats are not so clever ...dogs.
- a) as
- b) so
- c) than
- d) that
- 5. The situation is ... than I thought.
- a) morebad
- b) badder
- c) worse
- 6. Today the weather is ... than yesterday.
- a) niceer
- b) more nicer
- c) much nicer
- 7. For me mathematics is ...physics.
- a) more easy as
- b) easyer than
- c) easier than
- 8. This car is ... of all.
- a) an expensive
- b) the least expensive
- c) a less expensive
- d) the little expensive
- 9. Concord was ... plane in the world.
- a) fast
- b) fastest
- c) the fastest
- 10. The new teacher is ... than the previous one.
- a) many good
- b) a lot better
- c) many better
- d) a lot of good

- 11. This room is not so ... as that one on the first floor.
- a) the most comfortable
- b) more comfortable
- c) comfortable
- 12. The more you learn ... you become.
- a) Smarter
- 13. Their flat is ... than ours.
- a) more large
- b) larger
- c) the larger
- 14. You are ... person that I know.
- a) luckyer
- b) the luckiest
- c) the luckyest
- 15. Cats are not so clever ...dogs.
- a) as
- b) so
- c) than
- d) that
- 16. The situation is ... than I thought.
- a) more bad
- b) badder
- c) worse
- 17. Today the weather is ... than yesterday.
- a) niceer
- b) more nicer
- c) much nicer
- 18. For me mathematics is ...physics.
- a) more easyas
- b) easyerthan
- c) easier than
- 19. This car is ... of all.
- a) An expensive
- b) the least expensive
- c) a less expensive
- d) the little expensive
- 20. Concord was ... plane in the world.
- a) fast
- b) fastest
- c) the fastest
- 21. The new teacher is ... than the previous one.
- a) many good
- b) a lot better
- c) many better
- d) a lot of good
- 22. This room is not so ... as that one on the first floor.
- a) the most comfortable
- b) more comfortable

	c)	comfortable
	23.	The more you learn you become.
	a)	smarter
	b)	the smartest
	24.	These jeans are too small. I needsize.
	a)	a large
	b)	a larger
	c)	a largest
	,	We left way possible.
	a)	the quickiest
	b)	a quick
	c)	a quicker
	d)	the quickest
	,	It is to go for a walk, than to watch TV at home.
	a)	good the best
	b)	
	c)	better
	T - ~4	A. There i he
		4: There + be
		ose the correct variant:
		is a nice film on TVthis evening. is an American thriller.
	,	thereit
		itthere
	,	itit
		is springare happy cats everywhere.
	,	Thereit
		Therethere
	c)	Itthere
		are lots of toys in my child`s roommakes him very happy.
	,	Therethere
	,	Thereit
	c)	Itthere
		is asunny morningare no clouds in the sky.
	a)	itthere
	b)	itit
	c)	thereis
	5	is quite difficult to speak English correctlyare so many rules to
reme	mber.	
	a)	Thereit
	b)	Therethere
	c)	Itthere
	6	are lots of stray animals in our city, andis nothing that we can
do ab		•
	a)	Thereit
	b)	Itthere
		Therethere
	,	is only one child in the family. is a boy.
	a) _	Itthere

	b)	Thereit
	,	Itit
		is a pity, thatis no news at the moment.
		Itthere
	,	Therethere
	•	Thereit
	,	is a long break at 20°clockis our lunch time.
		Itthere
		Therethere
	c)	
	10.	was a reason for his
stran	ge bel	havior and was a serious one.
Ì		Thereit
	b)	Itthere
	c)	Itit
	11.	are 2000 recipes in this
cook	ery bo	ooks, is too much.
	a)	Itthere
	b)	Therethere
	c)	Thereit
	12.	is good informationis no doubt about
it.		
	,	Itthere
	b)	Thereit
	c)	Therethere
	13.	Is great to know thatis somebody who
loves		
	a)	
	b)	Itit
	,	Itthere
		is little hope, that_is not a serious problem.
	a)	Itthere
	b)	Thereit
	c)	Therethere
	15.	<del></del>
	a)	
	b)	
	c)	Therethere
		t 5: The Present Simple Tense
		bose the correct variant:
		Tymothera bad headache.
	a)	have got
	b)	am
	c)	has got
		Where the Johnsons live?
	a)	do
	b)	are

c) does
3. Margie and her sisterwonderful voices.
a) does
b) has got
c) have got
4. I(not/understand)that man because I(not/know)English.
a) not understand, don't know
b) don't understand, not know
c) don't understand, don't know
5youany time to help me? – Sorry, I
b) Have you got, am not
c) Do you have, have got  (Example during our formily (hale)  (Walls)
6. Everybody in our family (help) Mummy about the house. Dad (walk)
the dog, I (water)the flowers, and my brothers(clean)
the rooms.
a) help, walks, water, clean
b) helps, walks, water, clean
c) help, walks, water, cleans
7Jane Smith(speak)English?
a) Isspeak
b) Doesspeak
c) Dospeak
8. The Brownsa nice house in the country.
a) has got
b) have got
9you (like)swimming?
a) Do you like
b) Does you like
c) Are you like
10Dadany brothers or sisters?
a) Have Dad got
b) Does Dad have
c) Does Dad has
11your sister often (go) to the theatre?
a) Isgo
b) Doesgo
c) Dogo
12. Wea car, but we are going to buy it.
a) don't have
b) aren't have
c) hasn't
13. Bob (know) what I want?
a) Bob knows
b) Do Bob knows
c) Does Bob know
£
a) does

	b)	has got
	c)	have got
	15.	I(not/understand)that man
becaus	se I(n	not/know)English.
		not understand, don't know
	b)	don't understand, not know
	,	don't understand, don't know
		youany time to help me? –
Sorry		
J	. —	Do you have, don't
		Have you got, am not
		Do you have, have got
		Everybody in our family (help) Mummy about the
house		(walk) the dog, I (water) the flowers, and my brothers(clean)
110000	. Dua	The rooms.
	a)	help, walks, water, clean
	,	helps, walks, water, clean
	c)	help, walks, water, cleans
	18.	JaneSmith(speak) English?
	a) b)	Isspeak
		Doesspeak
	c)	Dospeak  The Province of nice house in the country
	19.	TheBrownsa nice house in the country.
	a)	has got
	b)	have got
		you (like) swimming?
		Do you like
		Does you like
	c)	Are you like
	21.	Dadany brothers or sisters?
	a)	Have Dad got
	b)	Does Dad have
	c)	Does Dad has
	22.	your sister often (go) to the theatre?
	a)	Isgo
	b)	Doesgo
	c)	Dogo
	23.	Wea car, but we are going to buy it.
	a)	don't have
	b)	aren't have
	c)	hasn't
	24.	Bob (know) what I want?
	a)	Bob knows
	b)	Do Bob knows
	c)	Does Bob know

25.	They can't go out because theyrain -
coats and umbrellas.	, <u>, , , , , , , , , , , , , , , , , , </u>
a) have got	
b) aren't have	
c) don't have	
26. Jack lives not far from us, but we (no	ot/see)him often.
a) not see	
b) doesn't see	
c) don't see	
Final Test	
Choose the correct answer:	
1. What colour is the car? – It is quite fa	ar, I can't see colour.
a) It	
b) It's	
c) Its	
2. No news good news.	
a) is	
b) are	
3. Their flat is than ours.	
a) more large	
b) larger	
c) the larger	
4. You are person that I know.	
a) luckyer	
b) the luckiest	
c) the luckyest	
5is a nice film on TV this eveni	ngis an American thriller.
a) thereit	
b) itthere	
c) itit	
6Is springare happy cats	everywhere.
a) Thereit	
b) Therethere	
c) Itthere	
7. My mothera bad headache.	
a) have got	
b) am	
c) has got	
8. Wherethe Johnsons live?	
a) do	
b) are	
c) does	

	•	D 1 (1 ) 1 (1 (0)	
	9	Bob (know) what I want?	
	a)	Bob knows	
	b)	Do Bob knows	
	c)	Does Bob know	There can't are out becomes there will
00040	10.	amah malla a	They can't go out because theyrain
coats		imbrellas.	
	a)	_	
	í.	aren't have don't have	
	c)	don t nave	
	Тесты для проверки остаточных знаний.		
	Зада	ание № 1	
	Choose the correct answer:  1. What colour is the car? – It is quite far, I can't see colour.		
	a)	_	, <u> </u>
		It's	
	c) Its 2.No news good news.		
		is	
	b)	are	
	3. Their flat is than ours.		
	a)	more large	
	b)	larger	
	c)	the larger	
	4. You are person that I know.		
	a)	luckyer	
	b)	the luckiest	
	c)	the Luckyest	
	5is a nice film on TV this eveningis an American thriller.		
	,	there it	
	,	it there	
c) it it			
	6is springare happy cats everywhere.		
		There it	
		There there	
	c) It there		
7.My mothera bad headache.			
		have got	
	b)	am	
		has got	
8. Wherethe Johnsons live?			
		do	
	b)	are	
	,	does	
	9	Bob (know) what I want?	

a) Bob knows

- b) Do Bob knows
- c) Does Bob know
- 10. They can't go out because they\_\_ rain coats and umbrellas.
- a) have got
- b) aren't have
- c) don't have

Задание № 2.

Чтение / Изучающее чтение с элементами анализа информации.

Прочитайте текст и выполните задания.

#### My plans for future

My name is Sergey. I study at the university. I am a prospective lawyer. I have wanted to become a lawyer since I was 15. Now I am a university student and work hard in order to become a good specialist. In a year I will graduate from the university and start my own career. I think a lot about this moment, and about further opportunities.

A lot of my friends plan to go abroad and start their career there. Some of them do not want to return home. As for me, I would like to become a successful lawyer in my country and will do my best to realize my dream. I plan to work after classes at the university and consult students and teachers of other faculties, if they need juridical help. I want to gain experience and refine my knowledge this way. When I have my diploma, it could be easier for me to find a good job.

I hope to have a successful career. Along with that, I would like to have my own house and buy a car. Then I could travel abroad during my vacation and see the cities, I have only dreamed about. These are Prague and Vienna. It would be nice to stay for some time in these beautiful cities. It would be nice to travel there with my family. If I realize all my plans, I will become happy. And then, perhaps, I will plan something new for future.

# Вопросы к зачету

- 1. Where are you from?
- 2. Where were you born?
- 3. Is your family large or small?
- 4. Are you of age?
- 5. Do you have any sisters or brothers? What are they?
- 6. Where do your grandparents live? Are they on pension?
- 7. Who keeps house in your family?
- 8. What is your father?
- 9. What is your mother's occupation?
- 10. Have you any pets? Speak about them.
- 11. Where do you study?
- 12.Do you live in a hostel?
- 13. How many uncles (aunts, nephews. nieces ...) do you have?
- 14. Where is your native village located?
- 15. What helps to make the village air fresh and pure?

- 16. What administrative buildings are there in your village?
- 17. Where are the administrative buildings situated?
- 18. What is the main cultural centre of the village?
- 19. Where do the villagers like to spend their free time?
- 20.Do all the villagers live in comfortable apartments?
- 21. What do the people of the village grow?
- 22. What animals do families of the village keep?
- 23.Do you live in a flat or in a house?
- 24. What kind of public transport do you like best?
- 25. What is the main street in your town?
- 26. What are the Russian cities with a population of over a million?
- 27. What specialists does agricultural Academy train?
- 28. When was our Academy founded?
- 29. What are the Institutes at our Academy?
- 30. How long does the course of training last?
- 31. How many terms are there during the academic year?
- 32. When do you have vacations?
- 33. How often do the students take their exams and tests?
- 34. Who is the head of the Academy?
- 35. What subjects do you study?
- 36.Do you live in a dormitory or rent a flat?
- 37.At what time do you come to the Academy?
- 38. Where can the students read books and journals?
- 39. Where do young people work after graduating from the Academy?
- 40. What faculty do you study at?
- 41. What is your future profession?
- 42. What kind of specialists does the Institute train?
- 43. What special subjects do you study?
- 44. When does specialization begin?
- 45. What English and American Universities do you know?
- 46. What are the oldest English Universities

#### Содержание экзамена

- 1. Письменно перевести предложенный текста (объем до 1500 знаков) и кратко его пересказать.
- 2. Беседа с экзаменатором

# **Mechanization of Agriculture**

Agricultural machines are used to till soil and to plant, cultivate, and harvest crops. Since ancient times, when cultures first began cultivating plants, people have used tools to help them grow and harvest crops. They used pointed tools to dig and keep soil loosened, and sharp, knife-like object to harvest ripened crops. Modifications of these early implements led to the development of small hand tools that are still used in gardening, such as the spade, hoe, rake and trowel, and larger implements, such as ploughs and larger rakes that are drawn by humans, animals, or simple machines.

Modern machinery is used extensively in Western Europe, Australia, the United States, the Russian Federation and Canada.

Modern large agricultural implements, adapted to large-scale farming methods, are usually powered by diesel- or petrol-fuelled internal-combustion engines. The most important implement of modern agriculture is the tractor. It provides locomotion for many other implements and can furnish power, via its power shaft, for the operation of machines drawn behind the tractor.

The power shafts of tractors can also be set up to drive belts that operate equipment such as feed grinders, pumps, and electric-power generators. Small implements, such as portable irrigators, may be powered by individual motors.