

ASSIGNMENT

Objectives of 2011-12

Q1. Fill in the blanks.

- 1) The sunflower belongs to family Compositae
- 2) Botanical Name of Palma rosa Cymbopogon martini.
- 3) The flowering in sugarcane is known as Arrowing.
- 4) The root parasites weed associated with sorghum is Striaga.
- 5) The seed rate requirement of linseed is 25-30 kg/ha
- 6) Berssem is originated from Egypt.
- 7) 2-3 Kg seed is sufficient for raising one hectare nursery of tobacco.
- 8) The seed rate requirement of potato is 20-25 qt/ha.

Q12 . A) Match the pairs

"A"		"B"
1) Sugarbeet	[b]	a) <i>Phaseolus vulgaris</i>
2) Safflower	[c]	b) Chenopodiaceae
3) Tobacco	[d]	c) Compositae
4) French bean	[a]	d) Solanaceae

B) State true or false.

- 1) Sunflower can be grown in any season. : True.
- 2) Malvika (HD-4502) is dwarf durum variety of barley. : False.
- 3) Green tops of sugarcane are fed directly to cattle. : True.
- 4) Citronella is tuber crop. : False.

Assignment

Objectives of year 2012-13

Q.11. Fill in the blanks.

- 1) Lentil is originated from Asian minor.
- 2) Lemon grass belongs to Graminae family.
- 3) Botanical name of pea is *pisum sativum*.
- 4) Linseed contains 37.47 percent oil.
- 5) Botanical name of French bean is *phaseolus Vulgaris L.*
- 6) Seed rate of oat is 100 kg/ha.
- 7) sunflower is a photo-insensitive crop.
- 8) potato belongs to the family solanaceae.

Q.12 Match the pairs.

"A"	Answers	"B"
(1) Lucerne	[g]	(a) <i>phaseolus vulgaris</i>
(2) Lentil	[f]	(b) <i>hordeum vulgare</i>
(3) sugar beet	[h]	(c) <i>cruciferae</i>
(4) citronella	[e]	(d) <i>sorghum bicolor</i>
(5) sorghum	[d]	(e) <i>cymbopogan winterianus</i>
(6) Rapseed	[c]	(f) <i>lens esculenta</i>
(7) Barley	[b]	(g) <i>medicago sativa</i>
(8) French bean	[a]	(h) <i>beta</i>

ASSIGNMENT

Objectives of 2013-14

Q1. Fill in the blanks

- 1) Oil content in safflower seed is 28-32 per cent.
- 2) Botanical name of field pea is *Pisum sativum var. arvense*.
- 3) Lucern is originated from South-West Asia.
- 4) Safflower belongs to Compositae family.
- 5) Isabgol is Medicinal crop.
- 6) The favourable temperature for germination of sugar beet is 25°C.
- 7) Protein content of Lentile is 24-26 per cent.
- 8) Mexican wheat (dwarf) varieties are sown at 5 cm depth.

Q12. Match the pairs

"A"		"B"
1) French bean	[d]	a) <i>Nicotina tabacum</i>
2) Sugar beet	[c]	b) <i>Trifolium alexandrium</i>
3) Tobacco	[a]	c) <i>Beta vulgaris</i>
4) Palm rosa	[g]	d) <i>Phaseolus vulgaris</i>
5) Maize.	[h]	e) <i>Lense culanaris</i>
6) Berseem.	[b]	f) Cruciferae
7) Rape seed.	[f]	g) <i>Crymhopogum martini</i>
8) Lentile.	[e]	h) <i>Zea mays</i>
		i) <i>Medicago sativa</i>

ASSIGNMENT

Objectives of Year 2014-15

Que.1-Fill in the blanks.

1. Nipping is done in Gram crop.
2. Botanical name of Isabgol is Plantago ovate.
3. Desuckering is done in Tobacco crop.
4. Microsperma lentil is the predominant type cultivated in India.
5. Propagation of Mentha is done by Root division and stem cutting.
6. Sugar beet crop belongs to Amaranthaceae.
7. Linseed contains 37-44% oil.
8. French bean belongs to Leguminaceae family.

Que.2-Match the following pairs.

“A”

- | | |
|----------------|-------|
| 1) Wheat | [h] |
| 2) Pea | [a] |
| 3) Sunflower | [g] |
| 4) French Bean | [f] |
| 5) Mentha | [c] |
| 6) Lemn Grass | [d] |
| 7) Berseem | [e] |
| 8) Oat | [b] |

“B”

- a) *Pisum sativum*
- b) *Avena sativa*
- c) *Mentha arvensis*
- d) *Cymbopogon flexuosus*
- e) *Trifolium alexandrium*
- f) *Phaseolus vulgaris*
- g) Any season
- h) Gluten

ASSIGNMENT
OBJECTIVES OF YEAR 2015-16

Q.1 A) Fill in the blanks.

- 1) Sugar contain in sugarbeet is 15-20 per cent.
- 2) Oil contain in mustard is 37-49 per cent.
- 3) Thiourea treatment given to potato for breaking seed dormancy.
- 4) Wheat protein contains characteristics substance gluten which provide Sponginess to the bread.

B) Correct the following statement if necessary.

- 1) Sunflower is a photo-sensitive crop.

Ans. Sunflower is a photo-insensitive crop.

- 2) Silking and tasseling is the growth stage of *rabi* sorghum.

Ans. Tasseling and silking is the growth stage of *rabi* maize.

- 3) Palmarosa oil is popularly known as cochin oil.

Ans. Palmarosa oil is popularly known as russa oil.

- 4) The fodder of berseem is nutritious for milch animals. **True**.

Q.2 Match the following pairs.

“A”

- 1) Berseem
- 2) Isabgol
- 3) Palmarosa
- 4) Opium popy
- 5) French bean
- 6) Potato
- 7) Oat
- 8) Citronella grass

[e]

[d]

[f]

[b]

[c]

[g]

[h]

[i]

“B”

- a) Papaceae
- b) *Papaver somniferum*
- c) Leguminoceae
- d) *Plantago ovata*
- e) King of fodder
- f) *Cymbopogan martinii*
- g) *Solanum tuberosum L.*
- h) *Avena sativa L.*
- i) *Cymbopogas flexuosus*

ASSIGNMENT
OBJECTIVES of 2016-17

Q.1 Fill in the blanks.

- 1) Sugarbeet belongs to the family **Chenopodiaceae**.
- 2) **Solanum tuberosum** is the botanical name of Potato.
- 3) **Striga** is the root parasitic weed of Jowar.
- 4) Sponginess in wheat is due to presence of **Gluten**.
- 5) Seed rate of Oat is **75-80 kg/ha**.
- 6) Pre-seasonal sugarcane is planted in the months of **January-March**.
- 7) African Tall is the popular variety of **Fodder Maize**.
- 8) Flowering in sugarcane is termed as **Arrow**.

Q.2 Complete the following table.

Sr. No.	Crop	Botanical Name	Seed Rate (Kg/ha)
1)	Barley	<i>Hordeum vulgare</i>	100 kg/ha
2)	Lentil	<i>Lens esculenta</i>	45-50 kg/ha (microsperma) 55-60 kg/ha (macrosperma)
3)	Linseed	<i>Linum usitatissimum</i>	25-30 kg/ha
4)	Berseem	<i>Trifolium alexandrinum</i>	25 kg/ha

ASSIGNMENT
Objectives of year 2017-18

Que.1-fil in the blanks.

1. The sunflower belongs to the Compositae family.
2. Botanical name of palmarosa is Cymbopogon martini.
3. The flowering in sugarcane is known as arrowing.
4. The root parasitic weed associated with sorghum is striga.
5. The seed rate requirement of linseed is 25-30 kg /ha
6. Berseem is originated from Egypt.
7. 2-3kg seed is sufficient for raising 1ha nursery of tobacco.
8. The seed rate requirement of oat is 20-25 kg/ha.

Que.2-True or false.

1. Sunflower can be grown in any season. True
2. Malvika (HD-4502) is dwarf durum variety of barley. False
3. Green tops of sugarbeet are fed directly to cattle. True
4. Citronella is aromatic tuber plant. False
5. Productivity of sugarcane is more in North India than South India.
6. Mexican wheat is sown in shallow depth. True.
7. *Phaseolus vulgaris* is botanical name of pea. False
8. Seed rate require for fodder maize is 25kg/ha. False