



# CROP CALENDAR

## KRISHI VIGYAN KENDRA

Lohit, Namsai District, Momong, Arunachal Pradesh  
under-ICAR-NRC on Yak,  
 Dirang, W.Kameng Distt., Arunachal Pradesh  
[www.kvklohit.org](http://www.kvklohit.org), email: [pckvklohit@gmail.com](mailto:pckvklohit@gmail.com)



**Chilli:** Seed rate-1.5-2kg/ha  
 Spacing-45x45cm, 60x30cm



**French bean:** Seed rate-50-70kg/ha  
 Spacing- 60x30cm



**Okra:** Seed rate-18-22kg/ha  
 Spacing-60x30 cm



**Colocasia:** Seed rate-25-30q/ha  
 Spacing-60x90cm



**Amaranthus:** Seed rate-1.5-2kg/ha  
 Spacing-45x20cm



**Coriander:** Seed rate-25-30kg/ha  
 (rain), Spacing-43x10cm



**Bittergourd:** Seedrate-4.5-5kg/  
 ha, Spacing-1x1m



**Oyster mushroom:** Seed rate-  
 100gm/polythene bag



Months	Vaccine	Adult Goat	Kids (above 6 months)
January	Contagious pleuro pneumonia (C.C.P.P.)	0.2 ml I/dermal	0.2 ml I/dermal
March	Haemorrhagic Septicaemia	5 ml S/c	2.5 ml S/c
April	Goat Pox	Scrach method	Scrach method
May	Enterotoxaemia F.M.D.	5 ml S/c 5 ml S/c	2.5 ml S/c 5 ml S/c
June	Rinderpest	1 ml S/c	1 ml s/c
July	Black Quarter	5 ml s/c	2.5 ml s/c
August	F.M.D.	5 ml s/c	0.5 ml S/c
September	Enterotoxaemia	5 ml S/c	2.5 ml S/c

1. Intake good quality of fresh water as water level goes down.
2. Sundry the pond bottom if possible plough the pond bottom.

### February 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1st Saraswati Pooja	24th Maha Shivratri	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					





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**Cowpea:** Seed rate-20-25kg/ha  
 Spacing-60x50cm



**Amaranthus:** Seed rate 1.5-2kg/ha, Spacing-45x20cm



**Okra:** Seed rate-18-22kg/ha  
 Spacing-60x30 cm



**Oyster Mushroom:** Seed rate-100gm/Polythene bag



**Ginger:** Seed rate-20q/ha  
 Spacing-20x50cm



**Maize:** Seed rate-20-22.5kg/ha  
 Spacing-65-75(row)x20-25(plant)



**Coriander:** Seed rate-25-30kg/ha (rain), Spacing-43x10cm



**Bittergourd:** Seed rate-4.5-5kg/ha, Spacing-1x1m



**Black gram:** Seed rate-20-25kg/ha, Spacing-30-35cm(row to



**Bottle gourd:** Seed rate-3-4kg/ha, Spacing-3x1m



**Cucumber:** Seed rate-2.5-3.5kg/ha,  
 Spacing-1.5-2.5(row) x 90-120cm



**Colocasia:** Seed rate-25-30q/ha  
 Spacing-60x90cm



1. Sundry the pond bottom if possible plough the pond bottom.
2. Apply lime CaO (Calcium oxide) @ 25-30kg/bigha.



### March 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
12th Holi	13th Dhulendi	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	29th Navratra Start	





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**Ginger:** Seed rate-20q/ha  
 Spacing-20x50cm



**Maize:** Seed rate-20-22.5kg/ha  
 Spacing-65-75(row)x20-25(plant)



**Pumpkin:** Seed rate-5-6kga/ha  
 Spacing-2.5x2m



**Black gram:** Seed rate-20-25kg/ha  
 Spacing-30-35cm(row to row)



**Sponge gourd:** Seed rate-2.5-3.5kg/ha  
 Spacing-1.5-2.5mx60-120cm



**Cucumber:** Seed rate-2.5-3.5kg/ha  
 Spacing-1.5-2.5(row) x 90-120cm(hill)



**Ridge gourd:** Seed rate-3.5-5kg/ha  
 Spacing-1.5-2.5mx60-120cm



**Bottle gourd:** Seed rate-3-4kg/ha  
 Spacing-3x1m



**Cowpea:** Seed rate-20-25kg/ha  
 Spacing-60x50cm



1. Apply lime CaO (Calcium oxide) @ 25-30kg/bigha.
2. Apply cowdung @ 500kg/bigha at least 15 days before stocking.
3. 7 days before stocking use soap -oil immulsion followed by drag netting to remove unwanted insects.
4. Release good quality fish seed (fry/fingerlings) @ 16-18000/fry/ha & fingerling (12-13 thousand/ha)



### April 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
5th Ram Navami	9th Mahavir Jayanti	14th Rongali Bihu			1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30





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Ridge gourd: Seed rate-3.5-5kg/ha  
 Spacing-1.5-2.5mx60-120cm



Sponge gourd: Seed rate-2.5-3.5kg/ha,  
 Spacing-1.5-2.5mx60-120cm



Pumpkin: Seed rate-5-6kg/ha  
 Spacing-2.5x2m



1. Apply cowdung @ 500kg/bigha atleast 15 days before stocking.
2. 7 days before stocking use soap- oil immulsion followed by drag netting to remove unwanted insects.
3. Release good quality fish seed (fry/fingerlings) @ 16-18000/fry/ha & fingerling (12-13 thousand/ha)

### May 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	10th Buddh Purnima			





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**Okra:** Seed rate-8-10kg/ha  
 Spacing-45x30cm



**Amaranthus:** Seed rate-1.5-2kg/ha  
 Spacing-



**Rice:** Seed rate-42kg/ha  
 Spacing-15x30cm



**Lab Lab bean:** Seed rate-10-12kg/ha  
 Spacing-1x2m



1. Apply rice bran/mustard oil cake (1:1 ratio) @ 10% of the body weight.
2. Feed can be applied by broadcasting or in ball types.
3. If possible check the Plankton population.

### June 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
26th Id-ul-fitar			I	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		





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**Okra:** Seed rate-8-10kg/ha  
 Spacing-45x30cm



**Amaranthus:** Seed rate-1.5-2kg/ha  
 Spacing-



**Rice:** Seed rate-42kg/ha  
 Spacing-15x30cm



**Lab Lab bean:** Seed rate-10-12kg/ha  
 Spacing-1x2m



1. Apply rice bran/mustard oil cake (1:1 ratio) @ 10% of the body weight.
2. Feed can be applied by broadcasting or in ball types.
3. If possible check the Plankton population.

### July 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						





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**Brinjal:**  
 Seed rate : 200gm/ha  
 Spacing : 60x45cm

1. Apply rice bran/mustard oil cake (1:1 ratio) @ 7% of the body weight.
2. Feed can be applied by broadcasting or in ball types.
3. If possible check the Plankton population.

### Vaccination Schedule

Sno	Disease	Animal	Vaccine	Dose	Immunity	Time of vaccination
1	Foot & Mouth Diseases (FMD)	All cloven footed animals	Polyvalent FMD vaccine	3 ml. S/C	1 Year	February & December
2	Hemorrhagic Septicemia (HS)	Cattle, Buffalo	HS Vaccine	5 ml S/C	6 month & 1 Year	May-June
3	Black Quarter (BQ)	Cattle, Buffalo	BQ Vaccine	5 ml S/C	6 month & 1 Year	May-June
4	Anthrax	All species of animals	Anthrax Spore Vaccine	1 ml S/C	1 Year	May-June
5	Enterotoxemia (ET)	Sheep & Goat	ET Vaccine	5 ml S/C	1 Year	May-June
6	Contagious Caprine Pleuro Pneumonia (CCPP)	Sheep & Goat	IVRI Vaccine	0.2 ml S/C	1 Year	-
7	Peste Des Pettis Ruminants (PPR)	Sheep & Goat	PPR Vaccine	1 ml S/C	3 Year	-
8	Brucella	Female cattle & buffalo Calf age 4-8 months only	Brucella Vaccine	2 ml S/C	1 Year	-
9	Theileriosis	Cattle & calves above 2 months of age	Theileria Vaccine	3 ml S/C	1 Year	-
10	Rabies	All species of animals	Rabies Post Bite Vaccine	1 ml S/C	1 Year	0, 3,7,14,28 & 90 days



**Note** - Before any vaccination deworming should be compulsory to get better results.

## August 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	7th Raksha Bandhan	15th Independence day	25th Ganesh Chaturthi





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**Brinjal:** Seed rate-200gm/ha  
 Spacing-60x45cm, 90x90cm



**Tomato:** Seed rate-150-175gm/ha  
 Spacing-60x45cm, 75x60cm



**Lettuce:** Seed rate-400-500gm/ha  
 Spacing-30-45x20.25cm



**Cabbage:** Seed rate-375-500gm  
 Spacing-45x45cm, 60x45cm



**Cauliflower:** Seed rate-500-600cm/ha  
 Spacing-45x45cm, 60x45cm



**Potato:** Seed rate-20-35q/ha  
 Spacing-30-45x10cm



**Maize:** Seed rate-20-22.5kg/ha  
 Spacing-65-75(row)x20-25(plant)



**Beet root:** Seed rate-7-8kg/ha  
 Spacing-45x10cm



**Oyster mushroom:** Seed rate-100gm/polythene bag



Apply CaO(lime) @ 20kg/bigha along with potassium permanganate @ 1kg/bigha (in three installment at the interval of 7 days)



### September 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
2nd Id-ul-Zuha	5th Ananth Chatur-dashi	30th Dushehara		1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	





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**Knol khol:** Seed rate-1-1.5kg/ha  
 Spacing-30x25cm



**Mustard:** Seed rate-10kg/ha



**Lettuce:** Seed rate-400-500gm/ha  
 Spacing-30-45x20-25cm



**Beet root:** Seed rate-7-8kg/ha  
 Spacing-45x10cm



**Turnip:** Seed rate-3-4kg/ha  
 Spacing-45x10cm



**Raddish:** Seed rate-9-12kg/ha  
 Spacing-45x10cm



**Tomato:** Seed rate-150-175gm/ha  
 Spacing-60x45cm, 75x60cm



**Oyster mushroom:** Seed rate-100gm/Polythene bag



**Cabbage:** Seed rate-375-500gm  
 Spacing-45x45cm, 60x45cm



**Cauliflower:** Seed rate-500-600cm/ha  
 Spacing-45x45cm



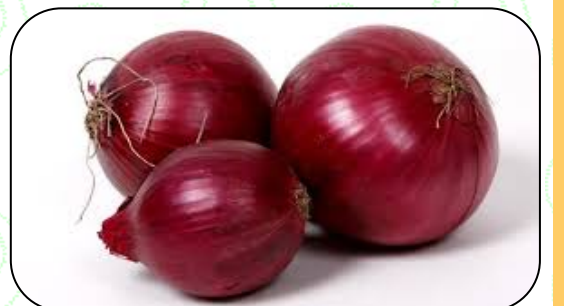
**Potato:** Seed rate-20-35q/ha  
 Spacing-30-45x10cm



**Carrot:** Seed rate-5-6kg/ha  
 Spacing-45x10cm



**Pea:** Seed rate-100-120kg/ha(early)  
 80-90kg/ha, Spacing-50x10cm



**Onion:** Seed rate-10-12kg/ha  
 Spacing-15x10cm



Apply CaO(lime) @ 20kg/bigha along with potassium permanganate @ 1kg/bigha (in three installment at the interval of 7 days)

## October 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1st Mohorram	2nd Gandhi Jayanti	17th Dhanteras	19th Diwali Pooja			1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					





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**Knol khol:** Seed rate-1-1.5kg/ha, Spacing-30x25cm



**Mustard:** Seed rate-10kg/ha



**Lettuce:** Seed rate-400-500gm/ha  
 Spacing-30-45x20-25cm



**Oyster mushroom:** Seed rate -100gm/polythene bag



**Spinach:** Seed rate-10-15kg/ha  
 Spacing-line sowing 20 cm



**Raddish:** Seed rate-9-12kg/ha  
 Spacing-45x10cm



**Turnip:** Seed rate-3-4kg/ha  
 Spacing-45x10cm



**Garlic:** Seed rate-500kg/ha  
 Spacing-10x10cm, 10x8.5cm



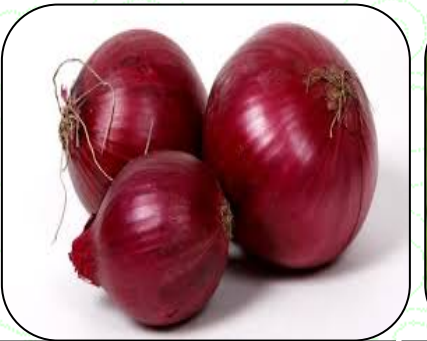
**Cauliflower:** Seed rate- 350-400gm/ha, Spacing-60x60cm



**Broccoli:** Seed rate-400-500gm/ha, Spacing-45x45cm



**Carrot:** Seed rate-5-6kg/ha  
 Spacing-45x10cm



**Onion:** Seed rate-10-12kg/ha  
 Spacing-15x10cm



**Pea:** Seed rate-100-120kg/ha  
 80-90kg/ha, Spacing-50x10cm



Apply CaO(lime) @ 20kg/bigha along with potassium permanganate @ 1kg/bigha (in three instalment at the interval of 7 days) and also intake fresh water to the pond. If not possible harvest the crop.

### November 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
4th Guru Nanak bith-day		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			





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**Garlic:** Seed rate-500kg/ha  
 Spacing-10x10cm, 10x8.5cm



**Spinach:** Seed rate-10-15kg/ha  
 Spacing-line sowing 20 cm



**Oyster Mushroom:** Seed rate-  
 100gm/polythene bag



**Water melon:** Seed rate-3.5-5 kg/ha,  
 Spacing-2.5-3.5m(row) x 60-90cm (hill)

### Routinely Recommended Vaccinations.

Production Stage	Disease*	When To Vaccinate
Gilts prebreed	Leptospirosis Parvovirus Erysipelas	Twice before breeding
Sows prebreed	Leptospirosis Parvovirus Erysipelas	Before breeding (at weaning)
Boars	Leptospirosis Parvovirus Erysipelas	Twice a year
Gilts prefarrow	<i>E. coli</i> Atrophic rhinitis	Twice before farrowing
Sows prefarrow	<i>E. coli</i> Atrophic rhinitis	Before farrowing
Baby pigs	Atrophic rhinitis	Once or twice before weaning
Grower (40-100#)	Erysipelas	When purchased as feeder pigs



Apply CaO(lime) @ 20kg/bigha along with potassium permanganate @ 1kg/bigha (in three installment at the interval of 7 days) and also intake fresh water to the pond. If not possible harvest the crop.

## December 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1st Id-e-Milad	25th X'mas Day			1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31





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**Chilli:** Seed rate-1.5-2kg/ha  
 Spacing-45x45cm, 60x30cm



**French bean:** Seed rate-50-70kg/ha  
 Spacing- 60x30cm



**Water melon:** Seed rate-3.5-5kg/ha  
 Spacing-2.5-3.5cm (row)x 90-120cm



**Oyster Mushroom:** Seed rate-100g/ polythene bag

DISEASE	TYPE OF VACCINE	AGE	ROUTE	DOSE
Ranikhet	F1 or Lasota Lasota (Booster) R2B strain booster	2-6 day 30 <sup>th</sup> day 6-8 weeks 16 week	I/N or I/O, D/W, S/C	0.5 ml
I.B.D	Live attenuated (LA) booster	18-21 day 25-28day	I/O or D/W	
Mareks disease	HVT or IVBP	1-3 day	S/C	0.2 ml
I.B.V	LA Massachusettus strain booster	3 weeks 14-16 weeks	I/O	
Fowl Pox	Live vaccine Deworming	6weeks At 9 <sup>th</sup> week	I/M or wing web	0.2 ml
Fowl cholera	Killed vaccine IVRI	Above 6 week	S/C	1.0 ml
Infectious coryza	Inactivated srini vaccine	15-18 week	I/M	0.5 ml
Egg drope syndrome	Killed vaccine	15-18 week	I/M	0.5 ml

(Note: I/N- Intra Nasal, I/O- Intra Ocular, D/W- Drinking Water, I/M-Intramuscular, S/C- Subcutaneous)



Intake good quality of fresh water as water level goes down , if required harvest the fishes

### January 2018

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	14th Makar Sankranti	26th Republic Day		