



# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524, Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in



Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY



Use of drone for spraying operation in oil palm



Harvesting of oil palm bunches with Aluminium pole attached with sickle

# JANUARY

# 2023

# FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
1 English New Year's Day	2	3	4	5	6	7
8	9	10	11	12	13	14 Makara Sankranti/ Magha Bihu
15 Pongal	16	17	18	19	20	21
22	23	24	25	26 Republic Day Basanta Panchami/Shree	27	28
29	30	31				

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	
5 Hazarat Ali's and Guru Ravidas's Birthday	6	7	8	9	10	11
12	13	14	15 Dayananda Saraswati Jayanti	16	17	18 Maha Shivaratri
19 Shivaji's Jayanti ICAR-IIOPR Foundation Day	20	21	22	23	24	25
26	27	28				

### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 160 liters per palm per day in adult plantations.
- Apply weedicide in the palm basin with Glufosinate ammonium / Paraquat @ 2.5 ml/ liter of water.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Don't plough in oil palm basin.

### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 200 liters per palm per day in adult plantations.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Apply micronutrients Magnesium sulphate @ 250g/palm and Borax @ 50g/palm.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Monitor bag worm / leaf web worm / slug caterpillar, if observed apply lambda cyhalothrin @ 1ml/ lit of water.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Don't plough in oil palm basin.





# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524; Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in



Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY

Collection of soil sample from farmers field for nutrient analysis



Fertigation in oil palm



# MARCH

# 2023

# APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7 <small>Holika Dahan/ Dolyatra</small>	8 <small>Holi</small>	9	10	11
12	13	14	15	16	17	18
19	20	21	22 <small>Ugadi</small>	23	24	25
26	27	28	29	30 <small>Rama Navami</small>	31	

SUN	MON	TUE	WED	THU	FRI	SAT
30						1
2	3	4 <small>Mahavir Jayanthi</small>	5	6	7 <small>Good Friday</small>	8
9 <small>Easter Sunday</small>	10	11	12	13	14 <small>Vaisakhi/Vishu/ Meshadi</small>	15 <small>Vaisakhadi /Bahag Bihu (Assam)</small>
16	17	18	19	20	21 <small>Jamat-UI-Vida</small>	22 <small>Id ul Frtr (Ramzan)*</small>
23	24	25	26	27	28	29

### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 250 liters per palm per day in adult plantations.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Basal application of fertilizer @ Urea 650 gms, SSP 940 gms, MOP 500 gms per palm or as per soil and leaf nutrient analysis may be adopted in adult oil palm plantations.
- Don't plough in oil palm basin.**

### PRACTICES TO BE ADOPTED

- Sow sunhemp as a green manure crop in the palm basin during juvenile period.
- Provide irrigation @ 265 liters per palm per day in adult plantations.
- Apply weedicide in the palm basin with Glufosinate ammonium/ Paraquat @ 2.5 ml / liter of water.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Collect soil & leaf sample and send for analysis.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Don't plough in oil palm basin.**





# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524, Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in

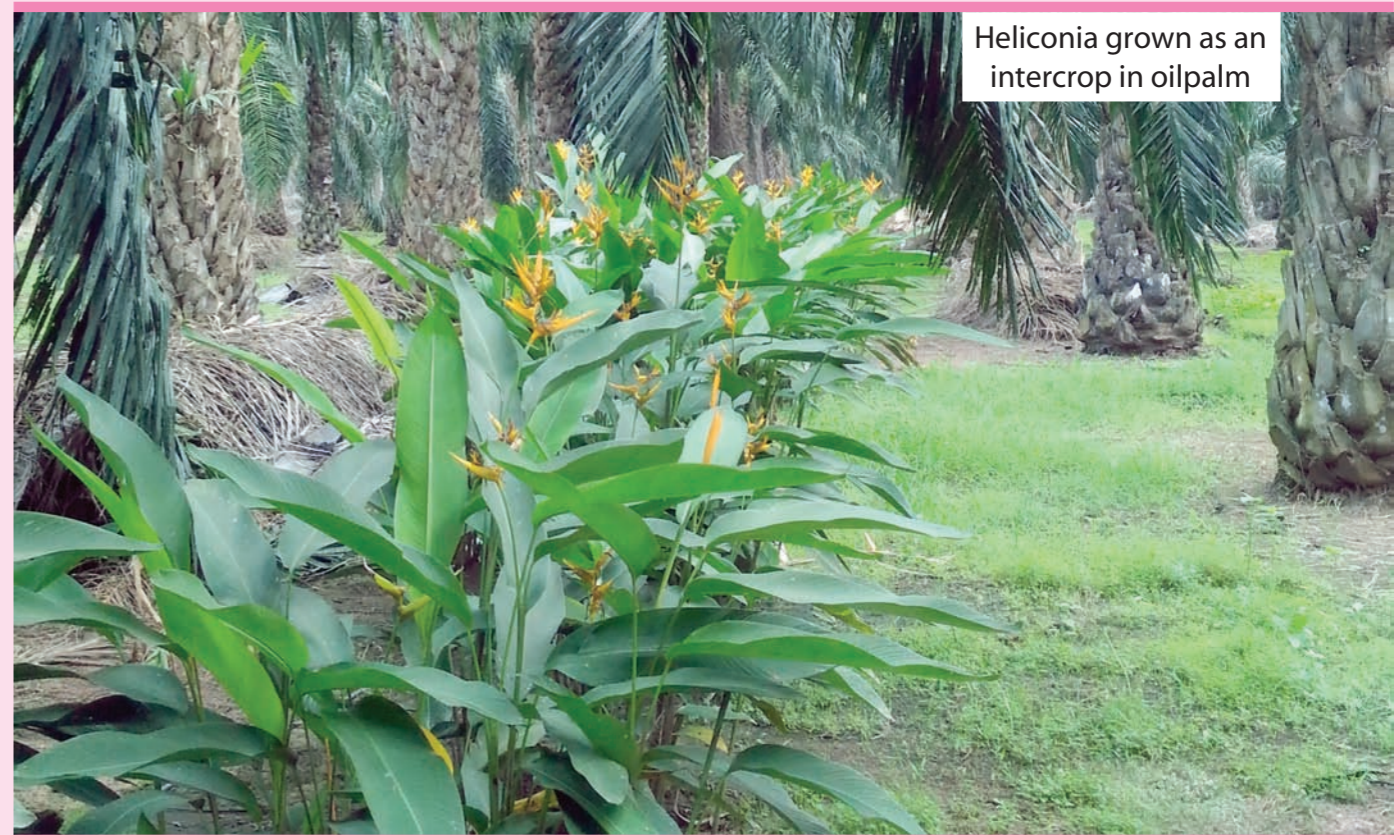


Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY



Shredding of oil palm fronds with chaffcutter and mulching them in oil palm basin



Heliconia grown as an intercrop in oilpalm

### MAY

### 2023

### JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5 Buddha Purnima	6
7	8	9 Guru Rabindranath's Birthday	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20 Rath Yatra	21	22	23	24
25	26	27	28	29 Id ul Zuha (Bakrid)*	30	

#### PRACTICES TO BE ADOPTED

- Sow green manure crop-Sunhemp with in the basin in juvenile plantation.
- Provide irrigation @ 265 liters per palm per day in adult plantations, under severe summer situation provide 350 liters per palm per day.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Need based leaf pruning and retain minimum of 35 leaves per palm.
- Collect soil & leaf sample and send for analysis, if not collected in April.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.

#### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 220 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Harvest sunhemp and keep as mulch in the palm basin
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Basal application of fertilizer @ Urea 650 gms, SSP 940 gms, MOP 500 gms per palm or as per soil and leaf nutrient analysis may be adopted in adult oil palm plantations.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Apply chlorothalonil @ 10g/lit of water (100-250 ml of solution in the crown region) to manage bud rot.
- Keep 20 grams of naphthalene balls in perforated sachets in the crown to manage Rhinoceros beetle.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.





# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524, Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in



Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY



Removal of inflorescence in 1-3 years of oil palm plantations with ablation tool



Mobile apps developed

# JULY

# 2023

# AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16 ICAR Foundation Day	17	18	19	20	21	22
23	24	25	26	27	28	29 Muharram*

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15 Independence Day	16 Parsi New Year's Day/Nauraj	17	18	19
20	21	22	23	24	25 Varalakshmi Vratam	26
27	28	29 Onam or Thiru Onam Day	30 Raksha Bandhan	31		

### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 120 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Apply chlorothalonil @ 10g/lit of water (100-250 ml of solution in the crown region) to manage bud rot.
- Keep 20 grams of naphthalene balls in perforated sachets in the crown to manage Rhinoceros beetle.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.

### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 100 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Apply micronutrients Magnesium sulphate @ 250g/palm and Borax @ 50g/palm.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.





# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524, Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in



Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY

Rearing of fish in unused farm ponds in oil palm and coconut plantations



Application of biocontrol agents with turbo sprayer



### SEPTEMBER

### 2023

### OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6 Janmastami	7	8	9
10	11	12	13	14	15	16
17	18	19 Vinayaka Chaturdhi	20	21	22	23
24	25	26	27	28 Milad-Un-Nabi or Id-E-Milad*	29	30

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 Mahatma Gandhi's Birthday	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21 Dussehra (Maha Saptami)
22 Dussehra (Maha Ashtami)	23 Dussehra (Maha Navami)	24 Dussehra (Vijaya Dashami)	25	26	27	28 Maharishi Valmiki's birthday
29	30	31				

#### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Provide irrigation @ 145 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Basal application of fertilizer @ Urea 650 gms, SSP 940 gms, MOP 500 gms per palm or as per soil and leaf nutrient analysis may be adopted in adult oil palm plantations.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.

#### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Monitor bag worm / leaf eating caterpillar, if observed apply lambda cyhalothrin @ 1ml/ lit of water.
- Provide irrigation @ 140 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Intercrop in juvenile plantations.
- Don't plough in the palm basin, don't cut the leaves, don't tie the leaves and don't plant intercrops in the palm basin.**





# भाकृअनुप - भारतीय तेल ताड़ अनुसंधान संस्थान ICAR - Indian Institute of Oil Palm Research

पेदेवेगी - 534 450, एलुरु जिला, आन्ध्र प्रदेश  
Pedavegi - 534 450, Eluru Dt., Andhra Pradesh

Phone: 08812 259532/524; Fax: 08812-259531; Email: director.iiopr@icar.gov.in; Website: https://iiopr.icar.gov.in



Farmers FIRST Programme

## OIL PALM CROP MONTHLY ADVISORY



Shredded oil palm frond material used in vermicompost beds



Demonstration of Brush cutter for weed management

### NOVEMBER

### 2023

### DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			<b>1</b> Karaka Chaturthi	<b>2</b>	<b>3</b>	<b>4</b>
<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>12</b> Diwali (Deepavali)	<b>13</b> Govardhan Puja	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>19</b> Pratihara Sashthi or Surya Sashthi (Chhat Puja)	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b> Guru Teg Bahadur's Martyrdom Day	<b>25</b>
<b>26</b>	<b>27</b> Guru Nanak's Birthday	<b>28</b>	<b>29</b>	<b>30</b>		

SUN	MON	TUE	WED	THU	FRI	SAT
<b>31</b>					<b>1</b>	<b>2</b>
<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b> National Farmers Day
<b>24</b> Christmas Eve	<b>25</b> Christmas Day	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>

#### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Apply chlorothalonil @ 10g/lit of water (100-250 ml of solution in the crown region) to manage bud rot.
- Keep 20 grams of naphthalene balls in perforated sachets in the crown to manage Rhinoceros beetle.
- Collect soil & leaf sample and send for analysis, if not collected in April/May.
- Provide irrigation @ 170 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5cm bunch stalk while harvesting.
- Don't cut and Don't tie the leaves**

#### PRACTICES TO BE ADOPTED

- Plant oil palm with 9 m spacing in hexagonal or square method with assured irrigation.
- Apply chlorothalonil @ 10g/lit of water (100-250 ml of solution in the crown region) to manage bud rot.
- Provide irrigation @ 160 liters per palm per day in adult plantations (or) as per requirement based on rainfall/ available moisture.
- Monthly fertigation with 5 kg Urea, 3 kg DAP and 5 kg MOP per acre for adult plantation.
- Basal application of fertilizer @ Urea 650 gms, SSP 940 gms, MOP 500 gms per palm or as per soil and leaf nutrient analysis may be adopted in adult oil palm plantations.
- Practice ablation with ablation tool in juvenile plantations up to 3 years.
- Mulch with shredded leaves, male inflorescence and empty fruit bunches in the palm basin.
- Harvest bunches with chisel in small plantations and sickle attached with aluminium pole in aged plantations. Leave only 5 cm bunch stalk while harvesting.
- Don't cut and Don't tie the leaves**