

**CALENDAR OF ACTIVITIES**

**Effect of Dumangan Prime Fertilizer on the Growth and Yield Performance of **Rice** (*Oryza sativa*)**

<b>DATE</b>	<b>DAYS AFTER TRANSPLANTING (DAT)</b>	<b>ACTIVITIES</b>
<b>June 16, 2024</b>	<b>0</b>	<b>Collection of soil sample for soil analysis</b>
June 17, 2024	0	Land preparation
June 18, 2024	0	Lay outing of Area
		Irrigation
June 19, 2024	0	<b>Rice transplanting</b>
June 20, 2024	1	<b>Construction of dikes/levees</b>
June 21, 2024	2	<b>Spraying of pre emergence herbicide</b>
June 22, 2024	3	<b>Continuation of constructing much higher levees</b>
June 29, 2024	<b>10</b>	<p><b>1<sup>st</sup> Treatment application</b>                      3 split application of Dumangan Prime Fertilizer together with NPK</p> <ul style="list-style-type: none"> <li>- <b>5.33g</b> - T4, T5, T6, T22, T23, T24</li> <li>- <b>8.00 g</b> - T7, T8, T9, T25, T26, T27</li> <li>- <b>10.66 g</b> - T10, T11, T12, T28, T29, T30</li> <li>- <b>13.33 g</b> - T13, T14, T15, T31, T32, T33</li> <li>- <b>16.00 g</b> - T16, T17, T18, T34, T35, T36</li> </ul> <p>Once application of Dumangan Prime Fertilizer together with the 1<sup>st</sup> application of NPK</p> <ul style="list-style-type: none"> <li>- <b>16 g</b> - T37, T38, T39, T52, T53, T54</li> <li>- <b>24 g</b> - T40, T41, T42, T55, T56, T57</li> <li>- <b>32 g</b> - T43, T44, T45, T58, T59, T60</li> <li>- <b>40 g</b> - T46, T47, T48, T61, T62, T63</li> <li>- <b>48 g</b> - T49, T50, T51, T64, T65, T66</li> </ul>
July 1, 2024	<b>12</b>	<b>Irrigation</b>
July 09, 2024	<b>20</b>	<p><b>2<sup>nd</sup> Treatment application</b>                      3 split application of Dumangan Prime Fertilizer together with NPK</p> <ul style="list-style-type: none"> <li>- <b>5.33g</b> - T4, T5, T6, T22, T23, T24</li> <li>- <b>8.00 g</b> - T7, T8, T9, T25, T26, T27</li> <li>- <b>10.66 g</b> - T10, T11, T12, T28, T29, T30</li> <li>- <b>13.33 g</b> - T13, T14, T15, T31, T32, T33</li> <li>- <b>16.00 g</b> - T16, T17, T18, T34, T35, T36</li> </ul>
July 18, 2024	<b>29</b>	Irrigation
July 19, 2024	<b>30</b>	<p><b>3<sup>rd</sup> Treatment application</b>                      3 split application of Dumangan Prime Fertilizer together with NPK</p> <ul style="list-style-type: none"> <li>- <b>5.33g</b> - T4, T5, T6, T22, T23, T24</li> <li>- <b>8.00 g</b> - T7, T8, T9, T25, T26, T27</li> <li>- <b>10.66 g</b> - T10, T11, T12, T28, T29, T30</li> </ul>

		<ul style="list-style-type: none"> <li>- <b>13.33 g</b> - T13, T14, T15, T31, T32, T33</li> <li>- <b>16.00 g</b> - T16, T17, T18, T34, T35, T36</li> </ul> <p><b>Data gathering at pre-harvest</b></p> <ul style="list-style-type: none"> <li>- Tiller count (#)</li> <li>- Plant height (cm)</li> <li>- Weed weight (g)</li> </ul>
August 18, 2024	<b>60</b>	<p><b>Data gathering</b></p> <ul style="list-style-type: none"> <li>- Weed weight (g)</li> </ul>
Sept. 22- 27, 2024	<b>95 - 100</b>	<p><b>Data gathering at harvest</b></p> <ul style="list-style-type: none"> <li>- Tiller count (#) - productive and unproductive</li> <li>- Plant height (cm)</li> <li>- Panicle count (#)</li> <li>- Straw weight (kg)</li> <li>- Grain yield (tons/ha)</li> </ul>