



# Maharashtra Oilseed Yield Predictor


Enter environmental, soil, and fertilizer data, then click **Predict Yield** to estimate the output (in kg/ha).



## Input Summary

|                         | Value  |
|-------------------------|--------|
| Potassium_KgPerHa       | 217.86 |
| Soil_Type_Encoded       | 1      |
| Irrigation_Type_Encoded | 2      |
| Pest_Incidence_Score    | 2      |
| Urea_Applied_KgPerHa    | 111.19 |
| DAP_Applied_KgPerHa     | 39.76  |
| Potash_Applied_KgPerHa  | 37.53  |
| Temp_Range              | 7.2    |
| NPK_Total               | 594.82 |
| Fertilizer_Total        | 188    |

 **Predict Yield**

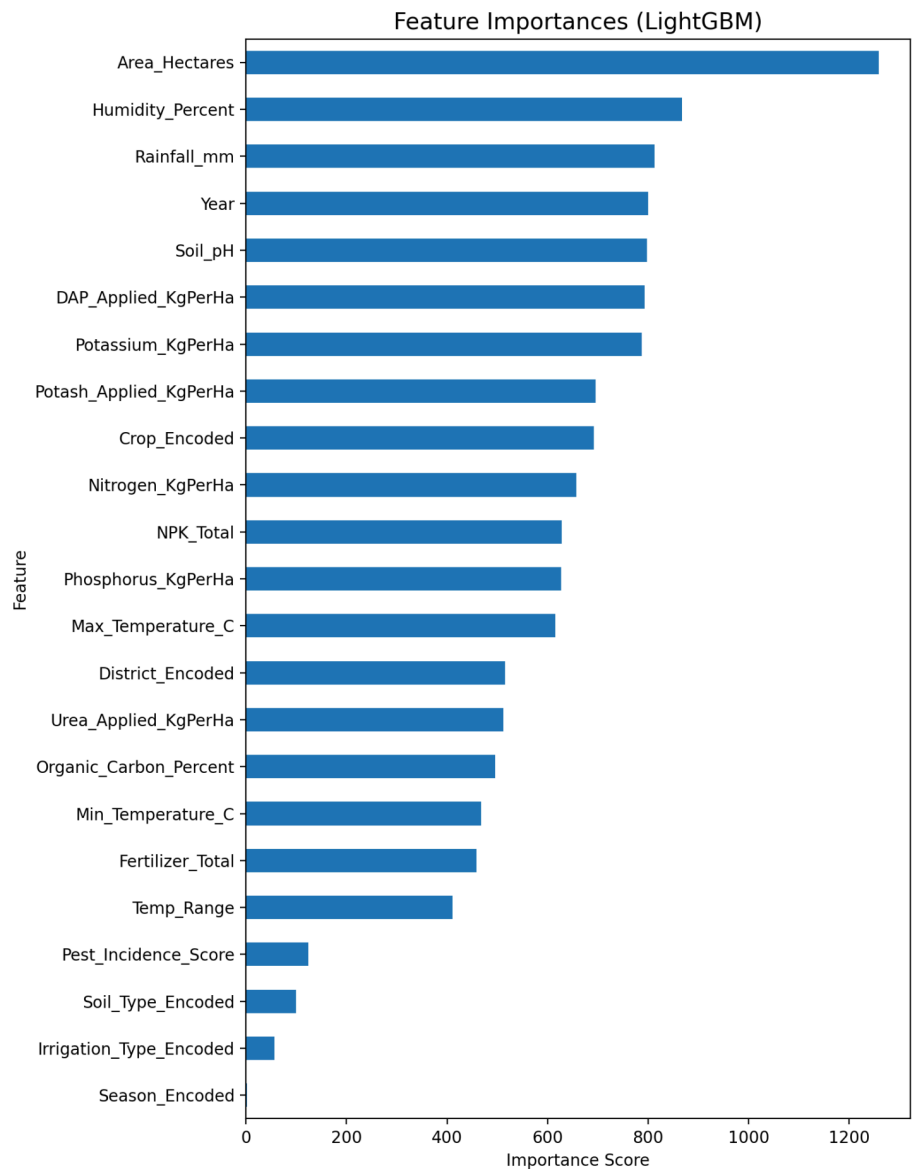
 **Prediction Complete!**

ESTIMATED YIELD (kg/ha)

1,384.04 kg/ha

✓  Show Model Feature Importances

The chart shows which input variables the model used most to make the yield prediction.



 Model trained with LightGBM. Update files in the `models/` folder when retrained.