**MORPHOLOGICAL CHART**

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| **FUNCTIONS** | **MEAN 1** | **MEAN 2** | **MEAN 3** | **MEAN 4** |
| SENSING CLAY AND MANURE AND SEEDS | Infrared sensor  Image result for infrared sensor | Proximity sensor  Image result for proximity sensor | Ultrasonic sensor  Image result for ultrasonic sensor | Photoelectric sensor  Image result for photoelectric sensor |
| CLAY AND MANURE HOLDER | Drum  Related image | Conical shaped hopper  Image result for conical hopper | Wedge shaped hopper  C:\Users\User\Desktop\hopper 1.jpg | Cylindrical container with holes  C:\Users\User\Downloads\WhatsApp Image 2020-02-01 at 5.45.23 PM.jpeg |
| MAKING OF SEED BALLS | Drum  Related image | Circular moulds  Related image |  |  |
| MOVEMENT OF SEED BALLS AND CLAY MIXTURE | Conveyer belt  Image result for conveyor belt | Vibrating conveyer belt  Image result for vibrating conveyor belt |  |  |
| MOTORS | DC motorImage result for dc motor | Stepper motor  Image result for stepper motor | Servo motor  Image result for servo motor |  |
| PROCESS COMPLETION INDICATOR | Buzzer Arduino  Image result for buzzer arduino | LCD screen display  Image result for LCD screen display as indicator | LED indicator  Image result for led indicator | Speaker  Image result for speaker as indicator |
| SHAFTS | Spiral shaft  Image result for spiral shaft | Cylindrical shaft  Image result for cylindrical shaft |  |  |
| DRIVES | Belt Drive  Image result for belt drive | Gear Drive  Image result for gear drive |  |  |
| BLADES FOR CUTTING SEED BALLS | Flat blade  Image result for flat blade |  |  |  |