



CYCLE OPERATED SPRAYING UNIT

Mr. Vishal and Sagar Rawale
At.Post: Washim, Tah. Washim, District: Washim

DESCRIPTION OF INNOVATION

The idea of cycle operated spraying unit generated from the discussion among Rawale Brothers i.e. Vishal and Sagar Rawale. Rawale Brothers have taken lead for development of cycle operated sprayer without harming the utility of the cycle. Rawale brothers fabricated this sprayer by attachment of big size 48 toothed wheel to the backside of the cycle. Due to this design uniform spraying is possible with the help of 4 Nozzles at minimum pressure.

Profile :

Age : 30 years

Education : B.A.

Farming Experience : 10 Years.

Crops Grown : Soybean, Turneric,
Green Gram, Wheat, Chick
Pea, Garlic

Live stock : 3

Recognition : Well known farmer
and applied for NABARD's Rural
Innovation Award.

PRACTICAL UTILITY OF INNOVATION

Due to this spraying unit 3 labours can spray 20 to 25 acres (8-10 ha.) per day. Due to this unit approximately 60% man power drudgery and 50% to 60% of spraying cost has been reduced.

