

## Assessment on cultivation of tomato varieties for wilt resistance

<b>Problem</b>	Low yield in tomato due to incidence of wilt in Kharif season in upland
<b>Season</b>	Kharif
<b>Farming Situation</b>	Upland
<b>Objective</b>	To reduce wilt incidence by assessment of suitable variety
<b>Source of technology</b>	IIHR, 2019

### Technology Assessed:

**FP: Cultivation of var. Laxmi & JK Desi susceptible to wilt**

**TO1:Arka Apeksha-**

**High yielding variety developed by IIHR. It has triple disease resistant to leaf curl, bacterial blight and early blight . Fruits are oblong and medium large.(90-100gm). Yield potential 43-90tn/ha in 140-150 days**

**TO2:Arka Vishesh-**

**High yielding variety developed by IIHR. It has triple disease resistant to leaf curl, bacterial blight and early blight . Fruits are oblong and medium large.(90-100gm). Yield potential 43-90tn/ha in 140-150 days**

## Assessment of integrated management against leaf spot diseases in groundnut

<b>Problem</b>	Low yield in groundnut due to severe incidence of leaf spot disease
<b>Season</b>	Kharif
<b>Farming Situation</b>	Medium land
<b>Objective</b>	To control leaf spot in ground nut
<b>Source of technology</b>	Annual Report (OUAT), 2015-16 , TNAU, 2012

### Technology Assessed:

**FP: Foliar spraying of Mancozeb @ 2gm/ltr of water at the advance stages of disease infection.**

**TO1: Seed treatment with Tebuconazole 2%DS @ 1.5gm/kg of seed, Furrow application of *T. Viridae* @ 5kg/ha with 60kg FYM pre-incubated for 15 days and foliar spraying of Tebuconazole 25.9% EC @ 1ml/ltr of water at 15 DAI from the beginning of the infection .**

**TO2: Seed treatment with Tebuconazole 2%DS @ 1.5gm/kg of seed, Alternate foliar spraying of chlorothalonil 75%WP @ 2gm/ltr and carbendazim+Mancozeb @2 gm/ltr of water at 45 and 60 DAS.**