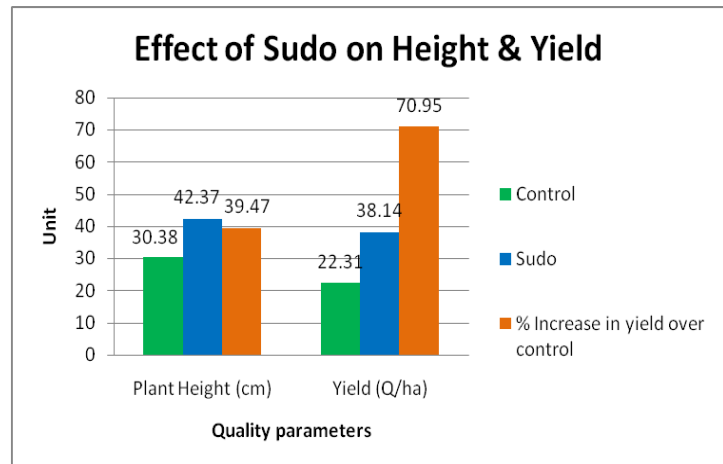
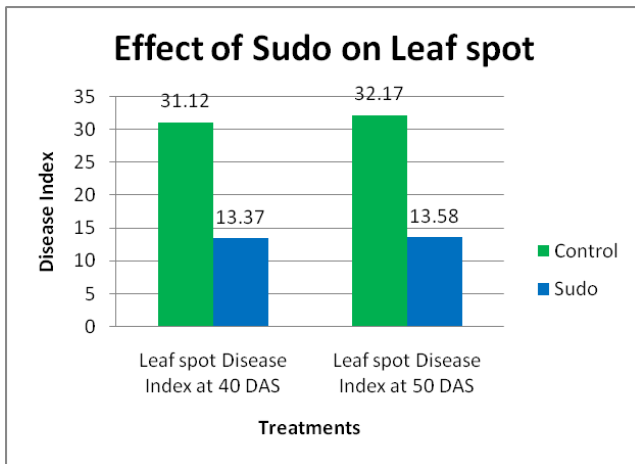




Sudo (*Pseudomonas fluorescens* 0.5% WP) for Bio-management of Late Leaf Spot disease in Peanut (Groundnut)

Protocol:
Crop: Peanut
Institute: M.P.K.V. Rahuri, Maharashtra
Year of trial: 2008-09
Trial No: DOR/DDR-III/T-3/Test-359/7255/2009 dtd.7.11.09
Product: Sudo
Application: Seed treatment @10g/kg + Soil application @ 1 kg/ha + Foliar spray @2% (T3)

Treatment	Testing year	Control	Treated	% Increase in yield over control
Leaf spot Disease Index at 40 DAS	2008	31.12	13.37	132.76
	2009	31.87	13.32	139.26
Leaf spot Disease Index at 50 DAS	2008	32.17	13.58	136.89
	2009	32.64	13.65	139.12
Plant Height (cm)	2008	30.38	42.37	39.47
	2009	30.45	42.41	39.28
Yield (Q/ha)	2008	22.31	38.14	70.95
	2009	21.53	37.85	75.80



Conclusion:

1. Application of Sudo [Seed treatment @10g/kg + Soil application @ 1 kg/ha + Foliar spray @2% (T3)] at 40 and 50 DAS significantly controlled leaf spot of peanut by 132.76 % and 136.89 respectively over control
2. Application of Sudo effectively increased plant height by 39.47 % and yield by 70.95% over control
3. Sudo did not show any phytotoxic effect on peanut.

