Seed Treatment Screening in Mungbean

Trial ID:	**BD1718**	Location:	**Mullaley**	Trial Year:	**2017**
		Investigator:	**Branko Duric**		

Objective:	**To evaluate the potential of insecticide and fungicide seed treatments in Mungbean**
Application Code:	**A**
Application Date:	**22/09/2017**
Application Timing:	**Seed Treatment**
Application volume:	**6 mL/kg Seed**
Planting Date:	**12/12/2017**
Planting Depth:	**3 cm**
Planting Rate:	**21 kg/ha (Target 25 Plants/m²)**
Row Spacing:	**32 cm**
Planting Equipment:	**Small Plot Planter - Tyne**
Harvest Date:	**9/03/2018**
Keywords:	**Mungbean, seed treatment**

Crop Name			Mungbean		
Crop Variety			Jade AU		
Assessment Date			27/12/2017	12/01/2018	9/03/2018
Assessment Type			EMERGENCE	NDVI	YIELD
Assessment Unit			/m²	ratio	t/ha
Crop Stage Majority			13	60	
Plant-Evaluation Interval			15 DP1	31 DP1	87 DP1
ARM Action Codes			T1		T2
Trt No.	Treatment	Product Rate			
1	Untreated	-	31-	0.63-	0.88-
2	Poncho Plus	5ml/kg	30-	0.62-	0.95-
3	Emerge	4ml/kg	29-	0.63-	0.88-
4	Cruiser 350	4ml/kg	29-	0.62-	0.91-
5	Cosmos	1.5ml/kg	32-	0.66-	0.97-
6	Evergol Prime	0.8ml/kg	32-	0.63-	1.03-
7	Evergol Xtend	0.65ml/kg	32-	0.64-	0.92-
8	Emerge Evergol Xtend	4ml/kg 0.65ml/kg	33-	0.63-	0.96-
	LSD P=		nsd	nsd	nsd
	Treatment Prob.(F)=		0.8592	0.7858	0.4216
	CV=				10.6

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P (F) is significant at mean comparison OSL.
nsd = No significant difference

Assessment Type
  NDVI = Normalized difference vegetation index
Crop Stage Majority
  13 = 3rd True leaf (first trifoliate) unfolded
  60 = First flowers open (sporadically)
ARM Action Codes
  T1 = ([1]/4)/0.32
  T2 = [4]*0.714

DP1 = Days after Planting

Application Description	
Application Date:	**22/09/2017**
Application Method:	**SEED TREATMENT**
Application Timing:	**11 weeks Pre-Planting**
Total Application Volume:	**600mL/100kg Seed**

Application Equipment	
Application Equipment:	**Bucket**
Equipment Type:	**MANUAL**