

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Faba bean Diseases 2015

Trial ID: AM1535 **Location:** Gurley **Trial Year:** 2015
Investigator: Anthony Mitchell

Application Date:	19/8/2015
Target/Stage:	At Disease Onset
Diseases Present in Crop:	Chocolate Spot & Leaf Rust

Crop Name Crop Variety			Faba bean PBA Warda		
Description			Damaged Plant Tissue		
Rating Date			15/09/2015	1/10/2015	20/11/2015
Rating Type			DAMAGE	NDVI	YIELD
Rating Unit			% Area	Ratio	t/ha
Treatment-Evaluation Interval			27 DAA	43 DAA	93 DAA
ARM Action Codes					TY2
Trt No.	Treatment	Product Rate			
1	Untreated	-	15.1a	0.77-	1.99-
2	Penncozeb 750 WG	1000g/ha	5.9c	0.77-	2.02-
3	Penncozeb 750 WG	2200g/ha	6.3c	0.77-	2.29-
4	Sumisclex	500ml/ha	5.5c	0.77-	2.03-
5	Tri-base Blue	3000ml/ha	11.5b	0.77-	2.24-
6	Unite	1400ml/ha	6.4c	0.77-	2.21-
7	Experimental	700ml/ha	5.4c	0.77-	2.16-
8	Gp 3 F	290ml/ha	4.6c	0.77-	2.11-
9	Gp 3, 11 O	500ml/ha	5.4c	0.77-	2.30-
LSD P=			3.06	nsd	nsd
Treatment Prob.(F)=			0.0001	0.4753	0.2021
CV=					8.9

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

Rating Type

NDVI = normalized difference vegetation index

Rating Unit

% area = % of plant surface area affected with disease and environmental spotting (Leaf rust, Chocolate spot combined with effects from frost and thrips damage)

ARM Action Codes

TY2 = $0.2857143 \times [3]$

DAA = Days after Application

Faba bean Diseases 2015

Trial ID: AM1535 Location: Gurley Trial Year: 2015

Application Description	
Application Date:	19/08/2015
Application Start Time:	2:00 PM
Application Stop Time:	5:00 PM
Application Method:	SPRAY
Application Timing:	Disease Onset
Application Placement:	FOLIAR
Air Temperature, Unit:	21 C
% Relative Humidity:	50
Wind Velocity, Unit:	5 km/h
Wind Direction:	SW
% Cloud Cover:	0
Next Moisture Occurred On:	23/08/2015

Application Equipment	
Application Equipment:	Quad bike
Equipment Type:	SPRAYER
Operation Pressure, Unit:	300 kPa
Nozzle Type:	AIXR
Nozzle Size:	110015
Nozzle Spacing, Unit:	50 cm
Boom Length, Unit:	4 m
Boom Height, Unit:	50 cm
Ground Speed, Unit:	10.3 km/h
Spray Volume, Unit:	70 L/ha