

Analytical Report

Bill To: The Black Dirt Company
Report To: The Black Dirt Company
Box 3130
Spruce Grove, AB, Canada
T7X 3A5
Attn: Darren Hinkel
Sampled By:
Company:

Project:
ID:
Name:
Location:
LSD:
P.O.:
Acct code:

Lot ID: **1099497**
Control Number: C0012170
Date Received: Oct 13, 2015
Date Reported: Oct 22, 2015
Report Number: 2049647

Reference Number 1099497-1
Sample Date
Sample Time
Sample Location
Sample Description Melcor-Nait
Matrix Soil

Analyte		Units	Results	Nominal Detection Limit
Physical and Aggregate Properties				
Texture			Sandy Loam	
Sand	50 µm - 2 mm	% by weight	52.0	
Silt	2 µm - 50 µm	% by weight	30.4	
Clay	<2 µm	% by weight	17.6	
Salinity				
Electrical Conductivity	Saturated Paste	dS/m	0.41	
Soil Acidity				
pH	1:2 Soil:Water	pH	6.8	
Subcontracted Analysis				
Subcontractor Report Id	Biovision		0322006-01	

REPORT OF ANALYSIS

BVED 0322006-01



Received 10/14/2015
Completed 10/16/2015



This sample of: **Soil**
Designated: **Lot # 1099497-1, Melcor-Nait, Tested For: PO 196361**

Exova (Edmonton)
7217 Roper Road
Edmonton, AB, T6B 3J4
Phone 780-438-5522
Fax 780-434-8586

BioVision Seed Labs
Unit 310, 280 Portage Close
Sherwood Park, Alberta, Canada, T8H 2R6
Phone (780) 436-8822 Fax 1-866-589-7051

CDN PURITY

Noxious Weed Seeds		Other Weed Seeds		Other Crop Seeds	
Prohibited	Noxious	Total	Other Weeds	Total	Other Crop Seeds
Total Prohibited		Total Weed Seeds			
Primary Noxious					
Total Primary					
Secondary Noxious					
Total Primary + Secondary					

Seed Name	PURE SEED COMPONENTS (%)					VIABILITY ANALYSIS (%)						Dormancy Breaking			
	PS g	PS	Weeds	Other Crops	Inert	PLS	Germ	Hard	Germ +Hard	Fresh	Abs	Dead	Completed	PreChill Days	Additional
Remarks															

Other Determinations

*Soil Seed Analysis
Seeds found per 50g analyzed 0

SENIOR MEMBER OF



141
JOYCE DARY

Accredited by CFIA to conduct tests in accordance with the laboratory's scope of accreditation and the Canadian Methods and Procedures for Testing Seed.

CFIA Accreditation Number 1172

*Advisory test -- Method not CFIA M&P prescribed.
1. Method(s) used for promoting germination of dormant seed.
Variety information supplied by the Sender.

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REPORT OF ANALYSIS

BVED 0322006-02



Received 10/14/2015
Completed 10/16/2015



This sample of: **Soil**
Designated: **Lot # 1099497-1, Melcor-Nait, Tested For: PO 196361**

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CDN PURITY

Noxious Weed Seeds		Other Weed Seeds		Other Crop Seeds	
Prohibited Noxious	Total Other Weeds	Total Other Weeds		Total Other Crop Seeds	
Total Prohibited					
Primary Noxious					
Total Primary					
Secondary Noxious					
Total Primary + Secondary	Total Weed Seeds				

Seed Name	PURE SEED COMPONENTS (%)					VIABILITY ANALYSIS (%)							Dormancy Breaking		
	PS g	PS	Weeds	Other Crops	Inert	PLS	Germ	Hard	Germ +Hard	Fresh	Abs	Dead	Completed	PreChill Days	Additional
Remarks															

Other Determinations

*Clubroot Pathogen (DNA)
Plasmodiophora brassicae (DNA) Not Detected : (LOD = 1.0E+03 Spores per gram soil)

TREVOR MAZUTINEC, B.SC.
ASST. LAB MANAGER