



The CRI Diagnostic Centre: CBS sample submission and newest price list for services rendered

Ronel Roberts and Jan van Niekerk
Diagnostic Centre, CRI-Nelspruit

The CRI Diagnostic Centre, located in Nelspruit at the Citrus Research Centre and known to producers as the DC, was established in 1984, thus marking its 40-year anniversary in 2024. Over these 40 years, various diagnosticians have contributed to its success, including Laura Huisman (1985 -2008), Cecile Holtzhauzen (1988 – 1993), Wilma van der Westhuizen (2008 – 2010), Lorika Beukes (2011 – 2012), Elbie Liebenberg (2012), Elaine Basson (2012 – 2023) and Charmaine Olivier (2017 – 2024). In June 2023, Ronel Roberts took over from Elaine as the Diagnostic Coordinator, and in January 2024, Sanelisiwe Duma was appointed as Diagnostic assistant.

The DC continuous to serve the industry by offering various diagnostic tests, including *Phytophthora* and nematode analyses, fruit and foliar pathogen identification, molecular diagnostics for CBS identification, and post-harvest fungicide resistance testing.

CBS testing at the DC

With the upcoming export season, we would like to remind producers that the DC is committed to a 24-hour turn-around time for CBS molecular identification, if the sample is received in Nelspruit before 11 am, Monday – Friday. Therefore, please advise your courier company that samples should reach CRI in Nelspruit by 11 am to ensure same-day results. However, should further analysis be needed to confirm results, the report will be delayed. In such cases, the grower and sample submitting party will be notified of the delay.

IMPORTANT: Parcels delivered by courier companies must be clearly marked 'CBS URGENT' to ensure that the relevant personnel receive the sample as soon as possible after delivery.

When sending samples, please include the following information:

- Name of Farm
- PUC Number
- SAM number (if PPECB)
- Orchard
- Cultivar
- Telephone number and e-mail address of person submitting the sample.
- E-mail address and telephone number of person to receive report and person responsible for payment

CBS analysis costs from 1 April 2024

CBS qPCR* per lesion on fruit tested, price for first two lesions tested R 319.57 excl. VAT

CBS qPCR more than two samples or lesions per fruit tested R 63.91 excl. VAT

* CBS rates are charged per lesion tested, one lesion = one test

Address of the Diagnostic Centre:

Attention: CRI DC
P.O. Box 28 / 2 Baker Street
Nelspruit
1200

Contact details:

CRIDC@cri.co.za

013 753 8000/31

Price list for all services rendered by the Diagnostic Centre is included at the end of this Cutting Edge.



Die CRI Diagnostiese Sentrum: Swartvlek monster indiening en die nuutste pryslys vir dienste gelewer

Ronel Roberts en Jan van Niekerk
Diagnostiese Sentrum, CRI-Nelspruit

Die CRI Diagnostiese Sentrum, gebaseer in Nelspruit by die Sitrus Navorsingssentrum, beter bekend onder produsente as die DC, is in 1984 gestig en vier dus sy 40ste bestaansjaar in 2024. Gedurende die 40 jaar het verskeie diagnostici bygedra tot die sukses van die DC, insluitend Laura Huisman (1985 -2008), Cecile Holtzhauzen (1988 – 1993), Wilma van der Westhuizen (2008 – 2010), Lorika Beukes (2011 – 2012), Elbie Liebenberg (2012), Elaine Basson (2012 – 2023) en Charmaine Olivier (2017 – 2024). In Junie 2023 het Ronel Roberts oorgeneem as Diagnostiese Koördineerder, en in Januarie 2024 is Sanelisiwe Duma aangestel as Diagnostiese Assistent.

Die DC dien voortdurend die bedryf deur diagnostiese toetse aan te bied, insluitende: *Phytophthora* en aalwurm analyses, vrug- en blaar patoëen- identifikasie, molekulêre diagnostiese toetse vir swartvlek (CBS) identifikasie, en na-oes swamdoder weerstandbiedendheids toetse.

Swartvlek toetse by die DC

Met die komende uitvoer seisoen, wil ons produsente daaraan herinner dat die DC verbind is tot 'n 24-uur omkeertyd vir die molekulêre identifikasie van swartvlek indien die monsters Nelspruit teen 11 vm bereik, Maandag tot Vrydag. Dus, wanneer monsters gestuur word, lig die koerier in dat monsters CRI in Nelspruit teen 11 vm moet bereik vir selfde-dag uitslae. In gevalle waar verdere toetse benodig word om die uitslag te bevestig, sal die verslag vertraag word. In so 'n geval, sal die produsent asook die persoon wie die monsters ingestuur het, ingelig word van die vertraging.

BELANGRIK: Monsters wat deur die koerier afgelewer word, moet duidelik gemerk wees as 'CBS URGENT' om te verseker dat die relevante persoon die monster kort na aflewering ontvang.

Wanneer swartvlek monsters gestuur word, maak seker dat die volgende inligting die monster vergesel:

- **Naam van plaas**
- **PUC nommer**
- **SAM nommer (indien PPECB)**
- **Boord nommer**
- **Kultivar**
- **Telefoon nommer en e-pos adres van persoon wie die monster indien**
- **E-pos adres en telefoon nommer van persoon aan wie verslag gerig moet word asook persoon verantwoordelik vir die rekening**

Swartvlek analise kostes vanaf 1 April 2024

CBS qPCR* per letsel op vrugte getoets, prys vir eerste twee letsels R 319.57 excl. VAT
CBS qPCR meer as twee monsters of letsels per vrug getoets R 63.91 excl. VAT

* **Swartvlek tariewe word bepaal per letsel getoets, een letsel = een toets**

Adres van Diagnostiese Sentrum:

Aandag: CRI DC
Posbus 28 / 2 Baker Straat
Nelspruit
1200

Kontak besonderhede:

CRIDC@cri.co.za

013 753 8000/31

Volledige pryslys vir die Diagnostiese Sentrum is aangeheg.



DIAGNOSTIC CENTRE PRICE LIST DIAGNOSTIESE SENTRUM PRYSLYS

(Prices from / Pryse vanaf 1 April 2024)

	VAT excl	VAT incl
Certified citrus nurseries		
Certified Nursery: Phytophthora analyses	R66,65	R76,65
Certified Nursery: Spore Trap (water)	R103,17	R118,65
Certified Nursery: Citrus nematode female	R0,00	R0,00
Commercial citrus samples		
Commercial: Phytophthora analyses	R139,69	R160,65
Commercial: Pythium analyses	R139,69	R160,65
Commercial: Spore Trap (water)	R139,69	R160,65
Commercial: Citrus nematode female	R168,91	R194,25
Commercial: Citrus nematode juvenile	R168,91	R194,25
Commercial: Combination (Phytophthora & Nematode)	R229,17	R263,55
Discounted : Combination (Phyt & Nem) more than 15 samples	R173,48	R199,50
Commercial: Soil dilutions	R241,50	R277,73
Commercial: Post Harvest fungicide resistance	R218,22	R250,95
Commercial: CBS - PCR	R319,57	R367,50
Discounted : CBS PCR more than 2 lesions (sample 1 and 2 full price)	R63,91	R73,50
Commercial: CBS - benzimidazole resistance	R319,57	R367,50
Discounted : CBS Benzimidazole resistance more than 5 samples (discount only after 5)	R84,00	R96,60
Commercial: Citrus greening PCR	R0,00	R0,00
Commercial: Fruit & Foliar - Isolation & ID	R216,39	R248,85
Commercial: Internal Fruit Quality	R91,31	R105,00
Commercial: Mealy bug PCR identification	R515,87	R593,24
Discount : Mealybug PCR identification more than one sample	R92,22	R106,05
Crops other than Citrus		
Non-Citrus: Phytophthora analyses	R199,50	R229,43
Non-Citrus: Nematode (roots)	R199,50	R229,43
Non-Citrus: Nematode (soil)	R199,50	R229,43
Non-Citrus: Soil dilution	R241,50	R277,73
Non-Citrus: Fruit & Foliar - Isolation & ID	R229,17	R263,55