Mycotoxin Report

ROCK RIVER LABORATORY, INC.
AGRICULTURAL ANALYSIS

Representative:
Industrias Vinicas SA

Lab # 7-216-675 **Sampled** 22-07-2020 **Received** 24-07-2020
1 Afrecho pepa de uva.

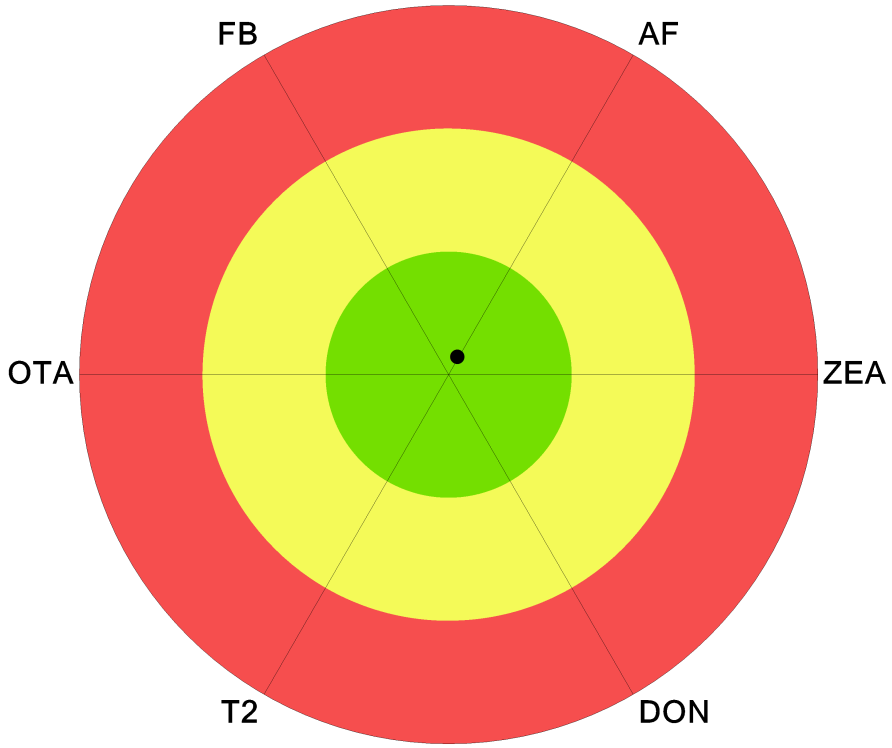
Dry Matter 91,8
Moisture 8,2

Mycotoxin (Total)	Below Concern (Green)	Concern* (Yellow to Red)	Dairy Concern Levels, TMR**
Aflatoxin (AF)	BDL <12 ppb		*20 ppb*
Fumonisin (FB)			*2 ppm*
Ochratoxin (OTA)			*5 ppm*
T-2 Toxin (T2)			*100 ppb*
Deoxynivalenol (DON)			*1 ppm*
Zearalenone (ZEA)			*400 ppb*

*The transition from yellow (middle) ring to red (outer) ring indicates increasing potential severity, mapped from concern level to Rock River Laboratory upper levels (database 99th percentile)

Mycotoxin (Individual)	Result
Aflatoxin B1	BDL <12 ppb
Aflatoxin B2	BDL <12 ppb
Aflatoxin G1	BDL <12 ppb
Aflatoxin G2	BDL <12 ppb

BDL - Below Detectable Limit



****Note:** *The table lists maximum concentrations for the total diet. These values were summarized from the literature cited below and conservatively chosen to represent the lowest values recommended without causing animals harm. Measured toxin is likely not the only type of toxin present in a sample; multiple toxins (including those not measured or masked toxins) may interact to further impact health and performance.*

References

- Whitlow, L.W. and W.M. Hagler, Jr. 2006. Mold and Mycotoxin Issues in Dairy Cattle: Effects, Prevention and Treatment. CA Chapter ARPAS Cont. Ed. Conf. 2006.
- Whitlow, L.W., 2020. Personal communication.
- Adams, R.S. K.B. Kephard, V.A. Ishler, L.J. Hutchinson, and G.W. Roth. Mold and Mycotoxin problems in livestock feeding. Penn State College of Agr. Sciences Coop. Extension article.
- The Mycotoxin Blue Book. 2005. Nottingham University Press, Nottingham, United Kingdom. Duarte Diaz, Editor.