

Ngày 14/05/2025

Trình bày: Ms. Việt 

Lúa mì (Wheat)





NỘI DUNG

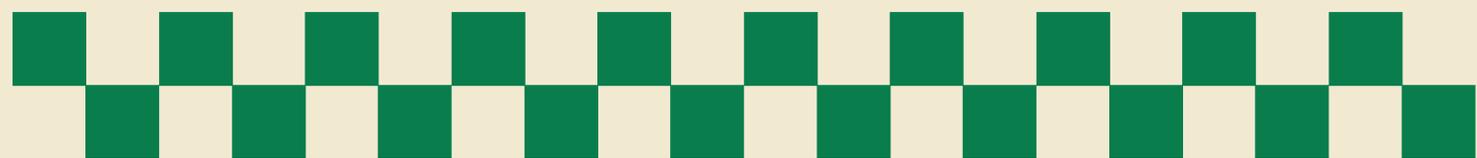
Tổng quan về Lúa mì

Các loại Lúa mì và tính chất

Giá trị dinh dưỡng

Tỷ lệ sử dụng trong Thức ăn chăn nuôi

Sản lượng Lúa mì trên toàn Thế giới



Tổng quan về Lúa mì

Lúa mì là nguyên liệu thiết yếu dùng trong sản xuất thức ăn chăn nuôi.



Chủng loại Lúa mì:

Có rất nhiều loại Lúa mì trên thế giới như: Lúa mì Cứng, Lúa mì Mềm đỏ, trắng. Lúa mì vụ Đông và vụ Xuân,..Nhưng tất cả cũng sẽ chia vào 2 chủng loại là:

- *Lúa mì dùng cho người (Milling Wheat)

- *Lúa mì dùng cho sản xuất thức ăn chăn nuôi (Feed Wheat)

Trung bình sản lượng **Lúa mì Feed chiếm khoảng 17%** tổng lượng thế giới.

Chỉ tiêu Lúa mì dùng trong SX TĂCN



Moisture: 14% max

Test weight: 72 kg/hl min

Foreign material: 2% max

Vomitoxin: 2 ppm max

Aflatoxin: 30 ppb max

Protein: 10.5 % min

**So sánh
Các loại
Lúa mì
đang
dùng ở
Việt Nam**

Xuất xứ	Chỉ tiêu chuẩn	Kết quả thực tế (CA)
Úc/Mỹ	Moisture: 14% max Test weight: 76 kg/hl min Foreign material: 2% max Vomitoxin: 2 ppm max Aflatoxin: 30 ppb max	Moisture: 10.5% Test weight: 81.6 kg/hl Foreign material: 0.3% Vomitoxin: <2 ppm Aflatoxin: <30 ppb
EU	Moisture: 14% max Test weight: 72 kg/hl min Foreign material: 2% max Vomitoxin: 2 ppm max Aflatoxin: 30 ppb max Protein: 10.5 % min	Moisture: 10.7% Test weight: 80 kg/hl Foreign material: 0.47% Vomitoxin: <0.05 ppm Aflatoxin: <2 ppm Protein: 10.72 %
SA	Moisture: 14% max Test weight: 72 kg/hl min Foreign material: 2% max Vomitoxin: 4 ppm max Aflatoxin: 30 ppb max Protein: 10.5 % min	Moisture: 12.15% Test weight: 75.45 kg/hl Foreign material: 0.22% Vomitoxin: <2 ppm Aflatoxin: <20 ppb Protein: 15.44 %

Australian Superintendence Company Pty Ltd

467 Vulture Street East, East Brisbane Australia 4169
ABN 22 009 956 843 | Phone: +61 7 3391 8640 | shipping@asc.co



QUALITY CERTIFICATE

SHIPMENT PARTICULARS DESCRIBED TO US AS:

GOODS DESCRIPTION: AUSTRALIAN FEED WHEAT
EXPORTER: CBH GRAIN PTY LTD
CONSIGNEE: TO ORDER
NOTIFY PARTY: KHAI ANH BINH THUAN JOINT STOCK COMPANY
HAMLET 5, TAN DUC COMMUNE,
HAM TAN DISTRICT, BINH THUAN PROVINCE
VIETNAM
VESSEL: MV CEMTEX SINCERITY
LOAD PORT: FREMANTLE PORT IN AUSTRALIA
DISCHARGE PORT: PHU MY OR CAI MEP PORT, VIETNAM
WEIGHT: 22,000.00 MTS
B/L NUMBER: F6 DATED 11 DECEMBER 2024

CERTIFICATION

BASED ON ANALYSIS OF REPRESENTATIVE SAMPLE COLLECTED DURING LOADING, WE HEREBY CERTIFY THE BELOW RESULTS:

QUALITY:	TESTS:	SPECIFICATIONS:	RESULTS:
	AFLATOXIN (B1, B2, G1, G2)	MAXIMUM 30 PPB	<30 PPB
	FOREIGN MATERIAL	MAXIMUM 2 %	0.3 %
	MOISTURE	MAXIMUM 13.5%	10.5 %
	TEST WEIGHT	MINIMUM 76 kg/hL	81.6 kg/hL
	VOMITOXIN	MAXIMUM 2 PPM	<2 PPM

Australian Superintendence Company Pty Ltd

ISSUED BY FIRST CLASS INDEPENDENT SURVEYOR

Date: 16 DECEMBER 2024

Certificate No: TA/CBHKWI/R2/16004-6A

Page: 1 OF 1



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UNITED STATES DEPARTMENT OF AGRICULTURE
FEDERAL GRAIN INSPECTION SERVICE
U.S. GRAIN STANDARDS ACT

Approved CMB No. 0580-0013

DIVIDED-LOT

ORIGINAL

US-WA-1-48353-1

NOT NEGOTIABLE

Page 1 of 1

OFFICIAL EXPORT INSPECTION CERTIFICATE

LEVEL OF INSPECTION: Original
ISSUED AT: Kalama, WA
DATE OF SERVICE: September 15, 2024
IDENTIFICATION: MV CORNELIA M
LOCATION: TEMCO, LLC
Kalama, WA
QUANTITY: (this is NOT a weight certificate)
59,985,858 Pounds

GRADE AND KIND: U.S. No. 2 or better Soft White Wheat, Dockage 0.3%.

RESULTS:

Test Weight Per Bushel 61.9 lb/bu
Protein 9.6 %, 12.0% Moisture Basis
Damaged Kernels Total 0.0 %
Shrunken And Broken Kernels 0.7 %
Contrasting Classes 0.2 %
Sprout-Damaged Kernels 0.0 %
Canadian Thistle Seed 0
Vomitoxin (DON) does not exceed 0.5 ppm.
Moisture 9.5 %
Heat-Damaged Kernels 0.0 %
Foreign Material 0.1 %
Defects 0.8 %
Wheat Of Other Classes 0.2 %
Blight Or Scab 0.0 %
Falling Number 368, 14.0% Moisture Basis

REMARKS:

This grain was officially inspected as an undivided lot of 143,966,058 Pounds. No part of the lot was officially inspected as a separate unit.

STOWAGE: Hold Nos. 1, 2, 3, 4, 5, 6, 7.

Using the applicant supplied conversion factor 2,204.6, the net weight is approximately equivalent to 27,209,407 metric tons. The scale equipment used for official weighing was not calibrated in metric units.

Falling Number results provided under the authority of the Agricultural Marketing Act (AMA) of 1946.

Falling number 368 on a subplot average basis.

INSPECTED FOR: CHS INC.

APPLICANT NAME: TEMCO, LLC (147)

I CERTIFY THAT THE SERVICES SPECIFIED ABOVE WERE PERFORMED WITH THE RESULTS SHOWN.

NAME OR SIGNATURE: Daniel A. Kruse

ISSUING OFFICE: Washington Department of Agriculture

This certificate is issued under the authority of the United States Grain Standards Act, as amended (7 U.S.C. 71 et seq.), and the regulations thereunder (7 CFR 806.6 et seq.). It is issued to show the kind, class, grade, quality, condition, or quantity of grain; or the condition of a car or container for the storage or transportation of grain; or other facts relating to grain as determined by official personnel. The statements on the certificate are considered true at the time and place the inspection or weighing service was performed. The certificate shall not be considered representative of the lot if the grain is transhipped or is otherwise transferred from the identified carrier or container or if grain or other material is added to or removed from the total lot. If this certificate is not cancelled by a superseding certificate, it is receivable by all officers and all courts of the United States as prima facie evidence of the truth of the facts stated therein. This certificate does not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act or other Federal laws.
WARNING: Any person who shall knowingly falsify marks, labels, dates, origin, or otherwise violate provisions in any such act, or otherwise violate provisions in the U.S. Grain Standards Act, the U.S. Warehouse Act, or related Federal laws is subject to criminal, civil, and administrative penalties. The conduct of all activities and the licensing of personnel under the regulations governing such services shall be accomplished without discrimination as to race, color, religion, sex, national origin, age, or handicap.
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QUALITY CERTIFICATE

CONSIGNMENT DECLARED BY PRINCIPAL AS:

Description of goods: UKRAINIAN FEED WHEAT
 Packing: IN BULK
 Shippers: ADELON AG
 ZUGERSTRASSE 32, 6340 BAAR, ZUG, SWITZERLAND,
 REGISTRATION NUMBER: CHE-483.426.634

Consignee: TO ORDER
 Notify address:

Vessel: MV HIROKI
 Bills of Lading: B/L NO. 3 DATED CHORNOMORSK, UKRAINE 16.10.2024
 Weight: 17 366,977 MT- PART OF TOTAL COMMINGLED CONSIGNMENT
 OF 34 066,977 MT
 Port of loading: CHORNOMORSK, UKRAINE
 Port of discharge: PHU MY OR CAI MEP, VIETNAM

We, COTECNA INSPECTION S.A., as a first-class superintendence company hereby certify that we were nominated to attend the loading for sampling and quality supervision of the goods loaded into vessel's holds Nos. 1, 2, 3, 5 of MV HIROKI at load port Chornomorsk, Ukraine and we can ascertain the following:

QUALITY:

Representative sampling of the cargo was performed during loading according to GAFTA No. 124 Rules and composite sample representing the total quantity of cargo (34 066,977 MT) loaded on board of the vessel was handed over to LLC "COTECNA UKRAINE LIMITED" GAFTA approved laboratory for analysis. As per Test reports Nos.: UA2400456-2/B dated 18.10.2024 and UA2400456-2/C dated 20.10.2024, the analysis rendered shows the following results:

Parameters	Contractual specification	Actual analysis results	Test Method
Protein (N x 5.7, on dry matter basis):	Min. 10.5 %	10.72 %	ISO 20483
Test weight:	Min. 72 kg/hl	80.0 kg/hl	ISO 7971-3
Moisture:	Max. 14.0 %	10.70 %	ISO 712
Deoxynivalenol (Vomitoxin):	Max. 2 ppm	<0.05 ppm	CotOD-033-2021
Aflatoxin:	Max. 30 ppb	<2 ppb	See remark (1)
Foreign materials:	Max. 2 %	0.47 %	See remark (2)

Remarks:

- (1) Aflatoxin Sum (B1, B2, G1, G2) as per ISO 16050;
- (2) Foreign materials (as Miscellaneous Impurities less Unsound grains (EN 15587).

Based on the results of analysis for above mentioned parameters tested performed on the average sample tested within the inherent limitations of the sampling and the methods applied, FUMIGATION CERTIFICATE No. F24/128 date 18.10.2024 issued by Messrs. FITOTEC Ukraine LLC (for which they are liable), it can be stated that the goods are sound, loyal and merchantable - free from alive weevils, alive insects (after fumigation) and foreign smell with regards to the above mentioned parameters tested.

This certificate reflects our findings and results at time and place of inspection.

In addition to the above-mentioned cargo, another parcel (9 948,010 MT) of "UKRAINIAN MILLING WHEAT" as per B/L No. 1 DD.16.10.2024 was loaded into hold No. 4 of mv "HIROKI", Chornomorsk, Ukraine.

This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original. Our services, including this document issued by us, are subject to our General Terms and Conditions available at <https://www.cotecna.com/en/terms-and-conditions>. The information contained herein reflects our findings at the time and place of our intervention only and within the limits of our principal's/ client's instructions. Any information provided to us, if relied upon by us, will be deemed accurate, adequate and complete, without us incurring any liability as a result of such reliance. In case of testing services, the results refer only to the sample(s) tested. Our sole responsibility is to our principal / client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without our prior written approval. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Issued upon completion of loading cargo
COTECNA INSPECTION S.A.
GAFTA APPROVED SURVEYOR

21 October 2024



UA0051348865 21 October 2024

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ORIGINAL

QUALITY/ANALYSIS CERTIFICATE

A CONSIGNMENT DESIGNATED AS:

VESSEL : MV PYXIS OCEAN
 DESCRIPTION OF GOODS : BRAZILIAN FEED WHEAT,
 PACKING: IN BULK
 QUANTITY : 11,000.000 MT
 PORT OF LOADING : RIO GRANDE, BRAZIL
 PORT OF DISCHARGE : PHU MY OR CAI MEP PORT, VIETNAM
 BILL OF LADING : NO PYX-02, DATED ON NOVEMBER 29TH 2024

This is to certify that, we have drawn samples and checked the quality condition of the above parcel and have to report the following:

SAMPLING: Sets of samples were drawn by us uniformly and systematically, concurrently with loading, at the nearest and best practicable point to the vessel in accordance with the method laid down by GAFTA 124.

QUALITY / CONDITION: One composite sample of the total shipped quantity, was sent to the laboratory for determination of quality, having the following results to report:

TESTS	SPECIFICATIONS	RESULTS	METHODS
Protein	10.5% minimum	15.44 %	AOAC 984.13A
Moisture	14% maximum	12.15 %	AACC 44.15.02
Foreign Matter	2% maximum	0.22 %	MAPA IN38 /2010
Test Weight	72 kg/HL minimum	75.45 kg/HL	AACC 55.10
Vomitoxin (*)	2 PPM maximum	< 2 PPM	HPLC
Aflatoxin (B1, B2, G1, G2) (*)	max 20 PPB	< 20 PPB	HPLC

Goods loaded in good condition.

Goods free from live insects. Free from poisonous seeds/husks but tolerance maximum 0.10% castor seed and/or castor seed husks.

(*) Vomitoxin and Aflatoxin analysis were performed by Intesco laboratory - report number 38963,36961/2024. Remaining samples will be kept in our files for 90 days.

PLACE AND DATE OF INSPECTION: Rio Grande port, from November 28th to 29th, 2024.

Our findings are final at time and place of intervention only and do not refer to any other matters. This inspection does not release seller, supplier, shipper and/or other parties involved from their respective contractual obligations and does not prejudice the buyers/receivers' right to claim, under contract and applicable law, compensation from seller, supplier, shipper regarding any defects not detected during our inspection or occurring thereafter.
 This inspection is subject to FIDES CONTROL Terms and conditions (www.fidescontrol.com/quiessomoss/termoscondicoes).

São Paulo, December 06th, 2024

[Signature]
FIDES CONTROL SERVIÇOS DE INSPEÇÕES LTDA
INDEPENDENT SURVEYOR



No. A40192

Giá trị dinh dưỡng của Lúa mì

Lúa mì là nguyên liệu thuộc nhóm Cung Năng Lượng

Carbohydrate (khoảng 60-70%) cung cấp nguồn năng lượng chính.

Protein (10-12%) giúp xây dựng cơ bắp và tăng trưởng.

Chất xơ hỗ trợ hệ tiêu hóa.

Vitamin và khoáng chất như vitamin nhóm B, sắt, kẽm, giúp tăng sức đề kháng.



TỶ LỆ SỬ DỤNG



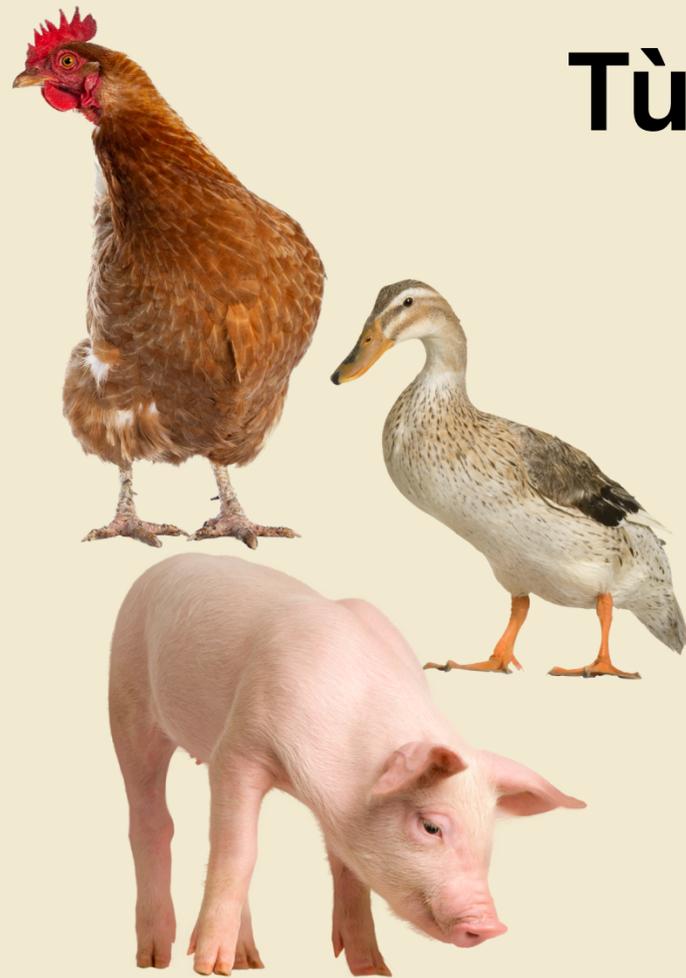
Tùy thuộc thời điểm và giá nguyên liệu

Gia súc, gia cầm:

có thể dùng đến 50%

Động vật nhai lại:

có thể dùng đến 30%



Sản lượng Lúa mì nhập khẩu vào Việt Nam



ĐVT: triệu tấn

Năm	Úc	Mỹ	Canada	Ukraine	Brazil	Nga	Tổng Cộng
2021	2.5	0.8	0.6	0.1	0.1	0.1	4.2
2022	2.7	1.1	0.6	0.1	0.1	0.1	5.0
2023	2.5	1.2	0.8	0.1	0.1	0.1	5.5
2024	1.2	0.5	0.3	1.5	1.2	0.5	5.7

Thị trường Việt Nam từ năm 2021-2023 sử dụng nguồn Lúa mì Úc nhiều nhất nhưng bắt đầu từ cuối 2023 đầu 2024 đã chuyển qua sử dụng Lúa mì nguồn Châu Âu và Nam Mỹ. Từ 2024 đến nay thị trường đã hoàn toàn chấp nhận Lúa mì EU/SA vì đã có giải pháp cho đặc tính hàm lượng Vomitoxin khá cao ~2ppm và yêu thích vì protein cao hơn Lúa mì Úc ~17%

Tỉ lệ Lúa mì Milling và Feed nhập khẩu vào Việt Nam

Wheat(triệu tấn)	2022	2023	2024
Milling Wheat	2.35	2.90	2.80
Feed Wheat	1.70	1.85	2.99
	4.05	4.75	5.79

Thank you!

Cảm ơn Thầy và các Anh, Chị đã lắng nghe.

