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	2017	2018
Dry Matter (%)	33.8	34.5
ME (MJ/kg DM)	11.4	11.7
Starch (%) DM	30.0	34.5
By-pass starch (%DM)	22	26
FeedMilk value		
MELK (/kg DM)	1051	1128
TOP (g/kg DM)	46	52
RFC (g/kg DM)	156	177
DUS (g/kg DM)	103	117
AI (g/kg DM)	84	100

Headline analysis on 2018 season maize silage (source ForFarmers)



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4	IT102786	Jesang	KOR	Cheongdo, Gyeongbuk	Landrace
5	IT103283	Jelraejong Chal	KOR	Samohuk, Gangwon	Landrace
6	IT103422	Chal Jaenae	KOR	Yanggyeong, Gyeonggi	Landrace
7	IT103507	Sunchang Chal	KOR	Sunchang, Jeonbuk	Landrace
8	IT103557	Badugbaegi	KOR	Jeonju, Jeonbuk	Landrace
9	IT103674	Geochang Chal	KOR	Geochang, Gyeongnam	Landrace
10	IT103986	Botongkkangnae	KOR	Gochang, Jeonbuk	Landrace
11	IT104801	Icheon Chal	KOR	Icheon, Gyeonggi	Landrace
12	IT108729	Taegim	KOR	Yechon, Gyeongbuk	Landrace
13	IT112910	Geugosaeng	KOR	Paju, Gyeonggi	Landrace
14	IT112931	Huin Mae	KOR	Hongcheon, Gangwon	Landrace
15	IT113480	Yeongi Chal	KOR	Sejong, Chungnam	Landrace
16	IT119909	Sangju Chal1	KOR	Sangju, Gyeongbuk	Landrace
17	IT119910	Sangju Chal2	KOR	Sangju, Gyeongbuk	Landrace
18	IT124603	B73	USA	Iowa	Inbred line
19	IT134951	Yeongju Chal	KOR	Yeongju, Gyeongbuk	Landrace
20	IT136293	Mechi local	NPL	Mechi	Landrace
21	IT136294	Bagmati local	NPL	Bagmati	Landrace
22	IT162789	Heuk Chal	KOR	Boeun, Chungbuk	Landrace
23	IT162790	Huin Chal	KOR	Boeun, Chungbuk	Landrace
24	IT162809	Dan	KOR	Gunsan, Jeonbuk	Landrace
25	IT173631	Ulleung Chal1	KOR	Ulleung, Gyeongbuk	Landrace
26	IT183492	H99	USA	Indiana	Inbred line
27	IT211593	Kozepkorai	HUN	Bacsbokodi	Landrace
28	IT211594	Anahybanyi	HUN	Foldakai	Landrace
29	IT211610	ZEAS60	PRK	na	na
30	IT211700	Ulleung Chal2	KOR	Ulleung, Gyeongbuk	Landrace
31	IT211701	Ulleung Mae	KOR	Ulleung, Gyeongbuk	Landrace
32	IT211763	Bukjeju1999-6	KOR	Jeju, Jeju	Landrace
33	IT212738	Wando89	KOR	Wando, Jeonnam	Landrace
34	IT220173	Buljeju	KOR	Jeju, Jeju	Landrace
35	IT234218	ZEAT105	PRK	na	na
36	IT225101	Konevo-Kyustendil	BGR	Konevo-Kyustendil	na
37	IT251891	ZEAS57	PRK	na	na
38	IT270063	CHN-AWS-2010-7	CHN	na	na
39	IT278608	TJK31-7	TJK	na	Landrace
40	na	Mibeek2ho	KOR	Hongcheon, Gangwon	Cultivar
41	na	Mibeekchal	KOR	Hongcheon, Gangwon	Cultivar
42	na	Gokdhal	KOR	Hongcheon, Gangwon	Cultivar
43	na	Seokgyochal	KOR	Hongcheon, Gangwon	Cultivar
44	na	HAC2	KOR	Hongcheon, Gangwon	Cultivar
45	na	HAD11	KOR	Hongcheon, Gangwon	Cultivar

USES

- ❖ Maize has a variety of uses.
- ❖ It is a source of raw material for industry, where it is being extensively used for the preparation of corn starch, corn oil, dextrose, corn syrup, corn flakes, cosmetics, wax, alcohol and tanning material for leather industry.
- ❖ Ethanol obtained from maize can be used as a biomass fuel.



This review aims to discuss the major phytochemical compounds in maize and their health-promoting effects, in order to better understand the nutritional and health potential of maize and consequently improve its consumption. Kingdom: Plantae; Subkingdom: Tracheobionta; Superdivision: Spermatophyta; Division: Magnoliophyta; Class: Liliopsida; Subclass: Commelinidae; Order: Cyperales; Family: Poaceae; Subfamily: Panicoideae; Tribe: Andropogoneae; Genus: Zea; Species: Zea mays. The genus Zea consists of four species of which Zea mays L. It can significantly shorten the intestinal transit time that leads to elimination of waste material through feces in a quicker time (Kim, Chung, Kang, Kim, & Park, 2003). RS as dietary fiber helps in weight control as it reduces the food intake by diluting energy density of the diet as well as by modulating certain gene expressions. Dietary consumption of phytosterol is negatively related to cholesterol absorption, serum total, and LDL cholesterol (Jiang & Wang, 2005). Its consumption influences cholesterol metabolism, lowers body fat storage therefore reduces the risk of atherosclerosis, hyperlipidemia, diabetes, and obesity (Higgins, 2004). Maize flour is used to make chapatis or flat breads which are eaten mainly in a few Northern states of India (Mehta & Dias, 1999). It is widely processed into various types of products such as cornmeal, grits, starch, flour, tortillas, snacks, and breakfast cereals. Various other synonyms like zeo, silk maize, makka, barajovar, etc. Concentration of major phytochemical compounds of maize per 100 gm Compounds Concentration (mg/100gm) References (1) Carotenoids (a) Carotene 2.20 Watson and Ramstad (1987) (b) Xanthophylls 2.07 Moros, Darnoko, Cheryan, Perkins, and Jerrell (2002) (i) Lutein 1.50 (ii) Zeaxanthin 0.57 (2) Phenolic compounds (a) Ferulic acid (FA) 1742 Zhao et al. Then, in 2005, the demand for printed phone books started to drop. The research has suggested that phytochemicals in grains due to their potent antioxidant activities demonstrate significant beneficial contribution in reducing the risk of many diseases (Liu, 2007; Madhujith & Shahidi, 2007; Shahidi, 2009). Old world comprises Coix (2n = 10/20), Chionachne (2n = 20), Sclerachne (2n = 20), Trilobachne (2n = 20), and Polytoca (2n = 20), and new world group has Zea and Tripsacum (Biology of maize, 2011). Maize kernel is an edible and nutritive part of the plant. The results showed that eating muffins containing RS and maize bran had a major impact on satiety compared with foods containing other fibers (Willis, Eldridge, Beiseigel, Thomas, & Slavin, 2009). It is a source of nutrition as well as phytochemical compounds. The two main forms of vitamin E present in our diet are alpha (α) and gamma (γ) tocopherols. Phytochemicals play an important role in preventing chronic diseases. Lectins are special proteins that can bind onto carbohydrates or carbohydrate receptors found on cell membranes. The concentration of carotenoids, phenolic compounds, and phytosterols is presented in Table 2. Carotenoids belong to a family of red, orange, and yellow pigments. Maize silk has many benefits associated with it. It was a single printed card with some numbers printed on it. Roasted maize kernels are also used as coffee substitute (Broadley, 1992). Maize germ contains about 45-50% of oil that is used in cooking, salads and is obtained from wet milling process (Orthofer, Eastman, & List, 2003). The various benefits of FA derived from maize include anticancer, anti-inflammatory, preventive effects against bone loss, anti-diabetic, and hepatoprotective effects (Balasubashini, Rukkumani, Viswanathan, & Menon, 2004; Kawabata et al., 2000; Ou, Kong, Zhang, & Niwa, 2003; Rukkumani, Aruna, Varma, & Menon, 2004; Sassa et al., 2003). Anthocyanins have been well known for their health-promoting benefits such as anti-carcinogenic, anti-atherogenic, lipid lowering, anti-diabetic, antimicrobial, and anti-inflammatory properties. The pigments from black glutinous maize cob have shown to possess potent anti-hyperlipidemic effects in high-fat-fed mice by improving the serum lipids profile and reducing the atherogenic index (Zhang et al., 2010). Phytosterols have many health benefits. To do a reverse number lookup, choose a site that offers the service, such as WhitePages, navigate to the phone lookup section and enter the number. Maize oil is amongst the rich sources of these tocopherols, especially γ-tocopherol and their reported concentration was 21.3 and 94.1 mg/100 g, respectively (Sen, Khanna, & Roy, 2006). Maize grains, especially yellow variety contains large quantities of the carotenoid pigments and has a vital significance in the diet as human beings are not able to biosynthesize carotenoids. Due to the potent antioxidant properties they are able to decrease capillary permeability and fragility, immune system stimulation, and inhibit platelet aggregation (Ghosh & Konishi, 2007). The number of chromosomes in Zea mays is 2n = 20. This review presents a detailed view on the nutritional and potential health benefits of maize. Due to increasing population there is more food demand, therefore maize can satisfy the food requirements as well as provide human nutrition along with number of health benefits. The major mechanism involved in the health benefits of dietary phytosterols is the inhibition of cholesterol absorption through intestine and stimulation of cholesterol synthesis resulting in the enhanced elimination of cholesterol in stools. Moreover a tablespoon of maize oil satisfies the requirements for essential fatty acids for a healthy child or adult (CRA, 2006). However a diet with a high dose of β-carotene might not be appropriate for smokers because it is believed to increase chances of lung cancer incidences (Alpha-Tocopherol Beta Carotene Cancer Prevention Study Group, 1994; Duffield-Lillico & Begg, 2004). Xanthophylls (lutein and zeaxanthin) in maize have some pivotal and specific biological functions. In India, the major maize growing states are Uttar Pradesh, Bihar, Rajasthan, Madhya Pradesh, Punjab, Haryana, Maharashtra, Andhra Pradesh, Himachal Pradesh, West Bengal, Karnataka, and Jammu and Kashmir, jointly accounting for over 95% of the national maize production (Milind & Isha, 2013). Maize oil is very rich in phytosterols (Verleyen et al., 2002). The most abundant anthocyanin compounds reported in maize are, pelargonidin-3-glucoside, peonidin-3-glucoside, pelargonidin-3-(6'-malonylglucoside), cyanidin-3-glucoside, cyanidin-3-(3', 6'-malonylglucoside) and cyanidin-3-(3', 6'-dimalonylglucoside) (Salinas Moreno, Sanchez, Hernandez, & Lobato, 2005). Phytosterols also called as plant sterols are the essential components of plant cell walls and membranes (Pironen, Lindsay, Miettinen, Toivo, & Lampi, 2000). Some results may be free, while others may require a fee to unlock the information. Reverse Address LookupA reverse address lookup is another type of search you can do if you only have part of the information about the number you need to find. One way to access an online phone book is through the browser of your mobile device. The presence of vitamins A, C, and K together with beta-carotene and selenium helps to improve the functioning of thyroid gland and immune system. Their distribution varies in different fractions of maize kernel such as endosperm, pericarp, and germ (Harrabi et al., 2008). Maize has various health benefits. It possesses great potential to provide important health benefits to human beings. It is known as mother grain of Americans and it is the driver of the US economy. Lutein also acts as a cancer chemopreventive suppressing agent by presenting inhibitory actions during promotion of disease (Moreno et al., 2007). FA has promising health benefits (Zhao et al., 2005). A study was carried on rats which explained that the inclusion of RS from maize in their diet can affect the energy balance through its effect as a fiber, a stimulator of gut peptide tyrosine-tyrosine (peptide YY), an expessor of glucagon-like peptide-1, as well as other genes in hypothalamic area of brain which are the key factors for maintaining energy homeostasis and reducing the food intake by increasing satiety (Keenan et al., 2006; Shen et al., 2009). These pigments are also beneficial in preventing cancer (Michaud et al., 2000). Carotenoids have many health benefits associated with it. Maize is an essential source of various major phytochemicals such as carotenoids, phenolic compounds, and phytosterols (Jiang & Wang, 2005; Kopsell et al., 2009; Lopez-Martinez et al., 2009). High concentration of β-carotene has been observed to act as a pro-antioxidant and induces apoptosis of colon cancer cells, leukemia cancer cells, and gastric cancer cells, thus rendering potent chemopreventive effect (Jang, Lim, & Kim, 2009; Palozza et al., 2003, 2001). Zein an alcohol-soluble prolamine found in maize endosperm has unique novel applications in pharmaceutical and nutraceutical areas. Lutein supplementation in food at dose-dependent manner increases tumor latency, inhibits mammary tumor growth, enhances lymphocyte proliferation, lowers the incidence of palpable tumor, and significantly protects cells against oxidant-induced damages (Chew, Wong, & Wong, 1996). It also has a potential to improve blood pressure, support liver functioning, and produce bile. More than 250 different phytosterols have been found so far which are divided into three classes based on their number of methyl groups at C-4 position: simple sterols or 4-desmethylsterols, 4, 4-dimethylsterols, and 4-monomethylsterols. The tribe Andropogoneae comprises seven genera, namely old and new world groups. The major phenolic compounds from maize are ferulic acid (FA) or 4-hydroxy-3-methoxycinnamic acid and anthocyanins. It has novel applications in pharmaceutical and nutraceutical areas to coat nanoparticles, develop promising nanocomposite antimicrobial agents, produce novel food packaging, encapsulate nutrients, and provide target delivery with controlled release (Fernandez, Torres-Giner, & Lagaron, 2009; Jin, Davidson, Zivanovic, & Zhong, 2009; Lai & Guo, 2011; Luo, Zhang, Cheng, & Wang, 2010; Luo, Zhang, Whent, Yu, & Wang, 2011; Sanchez-Garcia, Hilliou, & Lagaron, 2010; Zhang et al., 2010). Resistant starch (RS) from maize, also called as high-amylose maize has various health beneficial effects. RS has also been suggested to be potentially beneficial for improving insulin sensitivity in both animal and human subjects (Deng et al., 2010; Johnston, Thomas, Bell, Frost, & Robertson, 2010). Maize is an essential source of various phytochemicals that play an important role in our health (Kopsell et al., 2009). Vitamin E in maize oil which is known as a key chain breaking antioxidant prevents the promulgation of oxidative stresses in biological membranes and prevents the development of atherosclerosis through intervention of maize oil in the diet (Lemcke-Norojarvi et al., 2001; Ricciarelli, Zingg, & Azzi, 2001). Maize is believed to have potential anti-HIV activity due to the presence of Galanthus nivalis agglutinin (GNA) lectin also referred as GNA-maize. The most commonly consumed phytosterols from maize oil are sitosterol, stigmasterol, and campesterol. It acts as a good emollient for wounds, swelling, and ulcers. Due to its highest yield potential among the cereals it is known globally as queen of cereals. Then, find the search box and enter the name of the person or business you want to call. Results to ExpectIf you're searching in the Telkom directory, expect to find the name, address and phone number of the party you want to call, if they have a listed number. Thus, the consumption of corn oil in a long-term period can reduce cholesterol concentrations and prevent atherosclerotic disease (Ostlund, Racette, Okeke, & Stenson, 2002). Maize is a healthy food due to the presence of nutrients and phytochemicals. Other information that may be included if you're looking up a business is the company profile and a link to the company website. Decoction of maize silk, roots, leaves, and cob are used for bladder problems, nausea, vomiting, and stomach complaints. Potassium is a major nutrient present in maize which has diuretic properties. Anthocyanins are common class of phenolic compounds collectively known as flavonoids. The oil contains 14% saturated fatty acids, 30% monounsaturated fatty acids, and 56% polyunsaturated fatty acids. These pigments are divided into two classes: carotenoids, which are purely hydrocarbons containing no oxygen, and xanthophylls (lutein and zeaxanthin) which are hydrocarbons containing oxygen. Phenolic compounds are most widely distributed category of phytochemicals in the plant kingdom (Saxena, Saxena, Nema, Singh, & Gupta, 2013). The composition of maize kernel is presented in Table 1. Resistant starch (RS) from maize reduces the risk of cecal cancer, atherosclerosis, and obesity-related complications. The study reported that the cholesterol absorption of healthy subjects was 38% higher in the group consuming the phytosterol-removed commercial corn oil than the group consuming the original commercial corn oil for two weeks. You can search these sites by name, keywords or location and, sometimes, you can enter a phone number to do a reverse search. Telkom Cell Phone ContractsAs Africa's biggest integrated telecommunications company, Telkom mobile contracts are also part of the company's offerings. The refined maize oil contains linoleic acid 54-60%, oleic acid 25-31%, palmitic acid 11-13%, stearic acid 2-3% and linolenic acid 1% (CRA, 2006). It escapes digestion and its consumption helps in altering microbial populations, lowering cholesterol and enhancing its fecal excretion, increasing the fermentation and short-chain fatty acid production in large intestine, reducing symptoms of diarrhea, which altogether reduce the risk of cecal cancer, atherosclerosis, and obesity-related complications (Murphy, Douglass, & Birkett, 2008). The printed phone books grew in popularity during the decades and centuries. The consumption of anthocyanins from purple maize at 5% dietary level during 36-week administration period demonstrated a pronounced inhibition of colorectal carcinogenesis in male rats showing that the lesion development of colon was significantly suppressed (Hagiwara et al., 2001). It acts as a nanoscale biomaterial that has unique solubility and film-forming properties. To test the contribution of phytosterols in maize oil on cholesterol-lowering effect, a study compared cholesterol absorption between the human subjects who consumed original and phytosterol-removed commercial maize oil, are used to recognize the plant (Kumar & Jhariya, 2013). They are the largest group of water-soluble plant pigments which are reddish to purple in color. Zea is an ancient Greek word which means "sustaining life" and Mays is a word from Toino language meaning "life giver." The word "maize" is from the Spanish connotation "maiz" which is the best way of describing the plant. They also appear to protect humans against phototoxic damage; also play a role in protection against age-related macular degeneration and age-related cataract formation. It is a third leading crop of the world after rice and wheat (Sandhu, Singh, & Malhi, 2007). Based on the health benefits of maize discussed in this article, it can be recommended and made a part of our daily diet. Table 1. Maize silk contains various constituents essential for our diet such as maizenic acid, fixed oils, resin, sugar, mucilage, salt, and fibers (Kumar & Jhariya, 2013). Phytochemicals are bioactive chemical compounds naturally present in plants that provide human health benefits and have the potential for reducing the risk of major chronic diseases (Liu, 2004). Supplementing lutein to the subjects diets for a period showed a significant enhancement in macular pigment optical density and notable protection of the macula from light damage (Landrum, Bone, & Kilburn, 1997). Another investigation was carried out to examine the effects of different high-fiber foods on the satiety of healthy human subjects. The other Zea species, referred to as teosintes, are largely wild grasses native to Mexico and Central America. A tablespoon of maize oil satisfies the requirements for essential fatty acids for a healthy child or adult. RS enhances the desirable composition of colonic bacteria in mice therefore might possess potential prebiotic properties (Wang et al., 2002). It is economically important. The phytochemicals in whole grains have received less attention and sometimes been underestimated. The B-complex vitamins in maize are good for skin, hair, heart, brain, and proper digestion. Alpha (α) and beta (β) carotene possess provitamin A activity. In some micro-organisms including the HIV virus, the binding of lectins onto sugars is believed to inhibit activity of the virus. Lutein and zeaxanthin are found to be the only carotenoids in the macula of the retina that are responsible for sharp and detailed vision. Composition per 100 g of edible portion of maize Carbohydrate 71.88 g Protein 8.84 g Fat 4.57 g Fiber 2.15 g Ash 2.33 g Moisture 10.23 g Phosphorus 348 mg Sodium 15.9 mg Sulfur 114 mg Riboflavin 0.10 mg Amino acids 1.78 mg Minerals 1.5 g Calcium 10 mg Iron 2.3 mg Potassium 286 mg Thiamine 0.42 mg Vitamin C 0.12 mg Magnesium 139 mg Copper 0.14 mg Table 2. The dietary administration of purple maize pigment has been reported to have anti-hypertensive effects on spontaneously hypertensive male rats through lowering the systolic blood pressure (Shindo, Kasai, Abe, & Kondo, 2007). (2005) (b) Anthocyanins 141.7 Salinas-Moreno, Soto-Hernández, Martínez-Bustos, González-Hernández, and Ortega-Paczka (1999) (3) Phytosterols 14.83 Locatelli and Berardo (2014) (a) Sitosterol 9.91 (b) Stigmasterol 1.52 (c) Campesterol 3.40 They are specified as phenolic acids, flavonoids, stilbenes, coumarins, and tannins (Liu, 2004). By 2017, many states in the United States had even made it illegal to print phone books, according to TruthFinder. Decoction of silk, roots, and leaves are used for bladder problems, nausea, and vomiting, while decoction of cob is used for stomach complaints (Kumar & Jhariya, 2013). The presence of essential fatty acids, especially linoleic acid in maize oil plays an important role in the diet by maintaining blood pressure, regulating blood cholesterol level, and preventing cardiovascular maladies (Dupont et al., 1990; Birringer, Pfluger, Kluth, Landes, & Flohe, 2002; Sen et al., 2006). The world production of maize was 967 million metric tons (MMT) and in India its production was 23 MMT in 2013-14 (India maize summit, 2014). If you're looking on a site with a map function, you may also see a map with the location pinned and an option to get turn-by-turn directions to the place you're calling. Reverse Phone Number LookupA reverse phone number lookup is done when you have only a phone number and want to know who it belongs to before you call. MORE FROM QUESTIONS ANSWERED.NET AbstractMaize or corn (Zea mays L.) is an important cereal crop of the world. The largest producer of maize is United States of America (USA) contributing about 35% of the total world maize production. There is inverse correlation between the consumption of phytochemicals and the development of chronic diseases. Maize endosperm contains 39.4 mg/100 g RS (Jiang, 2010). It also contains vitamin C, vitamin E, vitamin K, vitamin B1 (thiamine), vitamin B2 (niacin), vitamin B3 (riboflavin), vitamin B5 (pantothenic acid), vitamin B6 (pyridoxine), folic acid, selenium, N-p-coumaryl tryptamine, and N-ferulyl tryptamine. There is a large quantity of carotenoid pigments present in yellow maize grains, especially in horny and floury endosperm (Liu, 2007). To do this, open your device and run a search for either a specific online directory, such as Telkom or WhitePages. Maize has the second highest concentration of anthocyanins (Abdel-Aal, Young, & Rabalski, 2006). To do it, you enter the house number and street in one search box and the city and state or zip code in the second search box before running the query. It is believed to have potential anti-HIV activity due to the presence of Galanthus nivalis agglutinin (GNA) lectin or GNA-maize. Zein an alcohol-soluble prolamine is an important component found in maize endosperm. It is considered as a staple food in many parts of the world. Refined corn bran contains the highest FA content, followed by barley and wheat (Zhao & Moghadasian, 2008). Yellow maize, maize silage, and stalklage has carotene content of 22, 17.3, and 6.5 mg/kg, respectively (Watson & Ramstad, 1987). Potassium is a major nutrient present which has a good significance because an average human diet is deficient in it (Kumar & Jhariya, 2013). These compounds are abundantly present in maize, especially in bran (Zhao, Egashira, & Sanada, 2005). When corn oil phytosterols were added back to phytosterol-removed maize oil the cholesterol absorption was reduced significantly again. They also prevent the symptoms of rheumatism because they are believed to improve the joint motility. An online phone book, like the Telkom phone book, provides a quick way to look up numbers of people and businesses you want to call or locate. Thus, the aim of the present review was to provide necessary information regarding the nutritive and health benefits of maize so that people will start taking more interest to it and its consumption as a good food source will increase. The authors declare no competing interest. Maize or corn (Zea mays L.) is an important annual cereal crop of the world belonging to family Poaceae. In many countries of the world such as India, China, Spain, France and Greece it is used to treat kidney stones, urinary tract infections, jaundice, and fluid retention. This type of search doesn't deliver consistent results, though it can be useful and delivers some results in map or satellite form. Brief History of Phone BooksThe first printed phone book was handed out in 1878 in New Haven. Maize is generally used for animal feed. It is GRAS (generally recognized as safe), nontoxic, and biodegradable protein. It contains various major phytochemicals such as carotenoids, phenolic compounds, and phytosterols. Due to increasing attention being drawn towards the development of nutraceuticals, the phytochemical compounds derived from maize and their health properties have recently become the major focus of studies. It has potent antioxidant properties and protects the cell membranes against oxidation.

Save money by buying Tickets, Products, Bundles, Membership Plans, Gift Vouchers for Quex Activity Centre online. Quex Activity Centre Ticket Portal ... Trail the maize by moonlight. Book now The Elf Express & Magical Elf Forest Venture through the Magical Elf Forest, meeting lots of friends on your way to Santa who is ... B. Origin and Evolution How corn evolved and what are its progenitor species is still a matter of investigation. Archaeological and molecular data indicates that modern maize was domesticated from annual teosinte (Zea mays ssp. parvigulmis) in southern Mexico between 6,600 and 9,000 years ago. Selection soon followed: favourable alleles at loci controlling plant morphology and ... Open a FREE trading account online. Saxefx (South African Futures Exchange) View the LIVE prices of all futures contracts incl. Maize, Soy, Wheat, All Share (J203) = 68 920 Uses of Amylose; Frequently Asked Questions - FAQs; Amylose was discovered in 1940 by Meyer and his co-workers found that properties were different from those of native maize starch. It is found in algae and other lower forms of plants. It is a spread polymer of around 6000 glucose deposits with branches on 1 in each 24 glucose ring. 07/05/2022 - Tesco Health A-Z multivitamins and minerals food supplement. 26/06/2019 - The calcium content present in quinoa is similar to that of dairy products. However, it has the added benefit of working in favor of people who are averse to dairy products. Regularly consuming quinoa can prevent the development of bone conditions such as osteoporosis. Quinoa improves bone density and keeps bones in good health. Keywords Columbus, explorers, origin, food, timeline, plants, map, New World, Old World, colonies, colonial, crops, media literacy, products, consumer Materials Needed: library and/or Internet access (older students only) Outline map of the world (You might print the map on a transparency; then use an overhead projector to project and trace a large outline map of the world onto white ... Book. STORE LOCATOR. FAVOURITES & LISTS. ONLINE ORDERS. Close. Shop by Aisle. Back. Baby; Baby; ... Maize meal is a good source of 6 vitamins and ... *May Be Genetically Modified ed (GM) Allergen Warnings. This product is made in a factory that uses soy. Lifestyle. Source of fibre; Nutritional Information. Per 100 g/ml. Per Serving (100) Energy ... The soybean, soy bean, or soya bean (Glycine max) is a species of legume native to East Asia, widely grown for its edible bean, which has numerous uses. Traditional unfermented food uses of soybeans include soy milk, from which tofu and tofu skin are made. Fermented soy foods include soy sauce, fermented bean paste, natto, and tempeh. Fat-free (defatted) soybean meal is a ... The Séralini affair was the controversy surrounding the publication, retraction, and republication of a journal article by French molecular biologist Gilles-Eric Séralini. First published by Food and Chemical Toxicology in September 2012, the article presented a two-year feeding study in rats, and reported an increase in tumors among rats fed genetically modified corn and the herbicide ...

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