

The following are the importing requirements of different commodities to Sudan:

| Commodity | Scientific name | Should be free from: |
|---------------------------------------|--------------------------------|--|
| Wheat القمح | <i>Triticum aestivum</i> | <i>Alternaria triticina</i> , <i>Tilletia spp.</i> , <i>Sclerotinia macrospora</i> , <i>Claviceps purpurea</i> , <i>Gaeuannomyces graminis</i> |
| Rice الأرز | <i>Oryza sativa</i> | <i>Xanthomonas spp.</i> , <i>Pseudomonas fuscovaginae</i> , <i>Tilletia barclayana</i> , <i>Gaeuannomyces graminis</i> , <i>Sclerotinia macrospora</i> , <i>Magnaporthe grisea</i> , <i>Entyloma oryzae</i> |
| Pearl millet الدخن | <i>Pennisetum typhoides</i> | <i>Plasmopara penniseti</i> <i>Sclerospora graminicola</i> , <i>Pyricularia grisea</i> |
| Corn الذرة الشامية | <i>Zea mays</i> | <i>Fusarium moniliforme</i> , <i>Sclerotinia spp.</i> <i>Peronosclerospora spp.</i> , <i>Pontoea stewartii</i> , <i>Clavibacter nebraskensis</i> , <i>Erwinia spp.</i> |
| Sorghum الذرة الرفيعة والذرة العلف | <i>Sorghum bicolor</i> | <i>Sporisorium spp.</i> , <i>Puccinia purpurea</i> , <i>Sclerospora spp.</i> , <i>Fusarium moniliforme var. subglutinans</i> <i>Claviceps sorghi</i> |
| Sunflower زهرة الشمس | <i>Helianthus annuus</i> | <i>Alternaria helianthi</i> , <i>Diaporthe helianthi</i> , <i>Plasmopara spp.</i> , <i>Pseudomonas spp.</i> |
| Lucerne البرسيم | <i>Medicago sativa</i> | <i>Clavibacter michiganensis</i> , <i>Xanthomonas campestris</i> , <i>Phoma medicaginis</i> , <i>Ditylenchus dipsaci</i> |
| Sugar cane (Cuttings) قصب السكر (عقل) | <i>Saccharum officinarum</i> | <i>Leafsonia xyli</i> , <i>Ustilago scitaminea</i> , <i>Peronosclerospora spp.</i> |
| Rhodes grass حشيشة الرودس | <i>Choris gayana</i> | <i>Nigrospora sphaerica</i> , <i>Trichoderma sp.</i> , <i>Xiphinema spp.</i> , <i>Chloris striate mosaic virus</i> |
| Cucurbits القرعيات | Cucurbitaceae | <i>Pseudoperonospora cubensis</i> , <i>Fusarium spp.</i> , <i>Sclerotinia sclerotiorum</i> , <i>Plectosporium tabacinum</i> |
| Cruciferous المحاصيل الصليبية | Brassicaceae | <i>Xanthomonas sp.</i> , <i>Pseudomonas sp.</i> , <i>Colletotrichum higginsianum</i> |
| Grape (Cuttings) العنب (عقل) | <i>Vitis vinifera</i> | <i>Xylella fastidiosa</i> , <i>Xylophilus ampelinus</i> , <i>Elsinoe ampelina</i> |
| Mango (Tissue culture) المانجو (شتول) | <i>Mangifera indica</i> | <i>Xanthomonas mangiferae</i> , <i>Fusarium spp.</i> , <i>Erosomyia mangiferae</i> , <i>Paratetranychus yothersi</i> , <i>Septanychus tumidus</i> |
| Tomato الطماطم | <i>Lycopersicon esculentum</i> | <i>Ralstonia solanacearum</i> <i>Clavibacter michiganensis</i> |
| Carrot الجزر | <i>Daucus carota</i> | <i>Xanthomonas carotae</i> , <i>Plasmopara crustosa</i> |

| | | |
|-------------|--------------------|---|
| Onion البصل | <i>Allium cepa</i> | <i>Pseudomonas spp.</i> , <i>Pantoea spp.</i> , Onion yellow dwarf virus |
|-------------|--------------------|---|

SUDAN SEED POTATOES IMPORT REQUIREMENTS

Zero Tolerance for seed potatoes (Quarantine Pests):

| Pest | Common name |
|--|-----------------------------|
| <i>Ralstonia solanacearum</i> | Brown rot |
| <i>Clavibacter michiganensis sub sp. sepedonicus</i> (<i>Corynebacterium sepedonicum</i>) | Ring rot |
| <i>Synchytrium endobioticum</i> | Wart |
| Potato mop-top virus | Potato mop-top |
| Tobacco rattle virus | Corky ring spot (CRS) |
| Potato yellow dwarf virus (PYDV) | Potato yellow dwarf virus |
| Mycoplasma Like Organism (MLO) | Aster yellows |
| potato spindle viroid (PSV) | Spindle tuber of potato |
| <i>Leptinotarsa decemlineata</i> | Colorado beetle |
| <i>Phthorimaea operculella</i> | Potato tuber moth |
| <i>Tuta absoluta</i> | Tomato leaf miner |
| <i>Popillia japonica</i> | Japanese beetle |
| <i>Globodera pallida</i> | White potato cyst nematode |
| <i>Globodera rostochiensis</i> | Yellow potato cyst nematode |
| <i>Ditylenchus destructor</i> | Potato rot nematode |
| <i>Meloidogyne spp.</i> | Root knot nematode |

Sudan importing requirements for some potato diseases:

| Disease | Pest | Potato class | |
|-------------------|---|--------------|-------------|
| | | E | A |
| Common scab | <i>Streptomyces scabies</i> | Scale (1) | Scale (1.5) |
| Soft rot | <i>Erwinia carotovora</i> subsp. <i>carotovora</i> | 0% | 1% |
| Black leg | <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> | 0% | 1% |
| Soft rot | <i>Erwinia chrysanthemi</i> | 0% | 1% |
| Dry rot | <i>Fusarium spp.</i> | 1% | 2% |
| Phoma infections | <i>Phoma spp.</i> | 1% | 2% |
| Verticillium wilt | <i>Verticillium albo-atrum</i> | 0% | 1% |
| Verticillium wilt | <i>Verticillium dahliae</i> | 0% | 1% |
| Late blight | <i>Phytophthora infestans</i> | 0% | 1% |
| Pink rot | <i>Phytophthora spp.</i> | 0% | 1% |
| Silver scurf | <i>Helminthosporium solani</i> | 1% | 3% |

Sudan tolerance for black scurf disease of potato import requirements:

| Disease | Pest | Potato class | |
|-------------|---------------------------|----------------|-----------------------|
| | | E | A |
| Black scurf | <i>Rhizoctonia solani</i> | High infection | 0% 0% |
| | | Low infection | 2% Maximum 5% Maximum |

Sudan tolerance for potato viral diseases:

| All potato viral diseases including: | Potato class | |
|---|--------------|----|
| | E | A |
| Mild (PVS PVX PVA) and sever (PVY PVM PLRV) | 1% | 2% |

Sudan import requirements for date palm tissue culture:

| | Requirements | المتطلبات |
|----|--|---|
| 1. | The date palm tissue seedlings must be not more than three leaves and should be in fully sterilized artificial soil. | أن تكون شتل النخيل النسيجية لا يتعدى عدد الأوراق فيها ثلاثة ورقات داخل تربة صناعية كاملة التعقيم. |
| 2. | To be free from any pests and diseases. | أن تكون خالية من الآفات والأمراض. |

Sudan import requirements for orange fruits:

| Requirements | المتطلبات |
|---|--|
| The imported oranges should be treated under 1.7c for 16 days, and transported in cool containers till the entry point, and accompanied with confirming certificates. | أن يكون البرتقال الوارد معالما بالتخزين المبرد تحت درجة حرارة 1.7 مئوية لمدة 16 يوم على أن يصل نقاط الدخول بوسيلة نقل مبرد ومصحوب بشهادة تثبت ذلك. |

Sudan honey bee import requirements:

| Requirements | المتطلبات |
|---|---|
| Imported bees should be free from faroa mites and other diseases attacking larval stages. | أن يكون النحل المستورد خالي من طفيل الفاروا وأمراض الحضنة الأخرى. |

Sudan flower cuttings requirements:

| Requirements | المتطلبات |
|--|--------------------------------|
| - Should be free from soil. | - أن تكون خالية من التربة. |
| - Should not be from the family Arecaceae. | - ألا تكون من الفصيلة النخلية. |