

QUINOA ("Keen-wah")

Chenopodium quinoa



- Complete protein
- Contains high levels of 9 essential amino acids
- High in essential fatty acids, particularly linoleic acid
- High concentrations of Ca, Mg, Fe, Cu and Zn
- Rich in beta carotene, niacin, riboflavin, Vitamin A, B2 and E

GROWING METHODS

CHOWING METHODS			
PLANTING	MAINTENANCE	HARVEST	
Quinoa can be planted as direct	Quinoa is drought	Quinoa is ready to harvest when the plants	
seeding in rows or broadcasting.	tolerant and does not	are dry, and the leaves have dropped. You	
Quinoa can also be planted in	like much water or	should not be able to dent the grain with	
nursery and seedlings can be	fertilizer. Weed	your fingernail. In dry autumns, grains can be	
transplanted.	regularly to reduce	harvested by simply stripping them from the	
 In rows: 20-30 cm between 	competition for	stalk between thumb and forefinger. If rain	
rows	nutrients. If plants get	threatens, plants may have to be cut and	
 Transplanting: 10cm 	very tall, they can fall	brought under the cover to continue drying.	
between seedlings	over towards the end of	Quinoa will sprout readily on the plant in the	
Quinoa prefers light, well-drained	the season. Staking may	rain or if it is kept in a moist environment.	
soil and full sun. When planting	be considered. Most		
quinoa in rows the planting depths	varieties grow 120 – 240		
should be shallow: between 1 – 2	cm tall.		
cm deep. When broadcasted, a			
very minimum soil to cover the			
seeds should be enough.			

PROCESSING

THRESHING	SEED-SAVING/STORAGE	COOKING TIPS
Simply rub the dry seeds into a	Be sure to further dry	Quinoa must be thoroughly raised in several
bucket or rub through a screen set	your seeds before	changes of water until the water runs clear,
over a wheelbarrow. Or simply	storage by spreading it	to remove the bitter saponins. Simmer it like
proceed similarly to how you	out on screens or trays	rice for 15 minutes with a ratio of 1 cup
thresh sorghum. After threshing	in a warm, dry location.	quinoa: 1.5 cups of water. Young greens can
winnow off the chaff in front of fan		be eaten raw in salads, and older greens can
or wind and use screens to help in		be cooked like spinach or stir-fried.
cleaning the seeds.		Quinoa seeds can be milled into flour and can
		be used to make porridge or other drinks.

ADDITIONAL INFORMATION

- Quinoa is reportedly tolerant of a wide range of growing conditions, including saline soil infertile soil with pH 4.8-8.5
- **Germination:** 2-4 days when there is a good rain after planting
- **Seed life:** 2 years
- Days to harvest: 90 120 days