

PI 510525 to 510531-continued

PI 510530 donor id: RB-90. origin: Peru. local name: Q'ello Q'anua (Quechua), Yuraj Q'anua (Quechua), Canihua Amarillo y Blanca (Span.). collected: August 3, 1985. locality: Corisuyo Community, 32.8km from Lake Titicaca on a cold plain, fork of Rios Lampa and Cabanillas, San Ramon Province, Puno Department. latitude: 16 deg. 27 min. S. longitude: 70 deg. 14 min. W. remarks: Only a few crops grown with success here due to extreme weather conditions. cold tolerance: Frost. Cultivated. Seed.

PI 510531 donor id: RB-102. origin: Peru. local name: K'ahua (Quechua) Canihua var. Cunacuto Negro (span.). collected: August 10, 1985. locality: Pesqueria Community, Arapa District, Azangaro Province, Puno Department. latitude: 15 deg. 18 min. S. longitude: 70 deg. 7 min. W. elevation: 3810m. remarks: Plants 20-40cm tall. Cold tolerance. Drought tolerance. Cultivated. Seed.

PI 510532 to 510551. *Chenopodium quinoa* Willd. CHENOPODIACEAE Quinoa

Donated by: Bergman, R., Sistemas de Agricultura, Univ. Nacional Tecnica del Altiplano, Puno, Peru. remarks: Local names refer to Indian Tribal and/or Spanish (Span.) names. Received August 29, 1985.

PI 510532 donor id: RB-6. origin: Peru. local name: Quinoa de Quiaca. collected: May 12, 1985. locality: Quiaca District, Sandia Province, Puno Department. latitude: 14 deg. 25 min. S. longitude: 69 deg. 20 min. W. elevation: 3000m. remarks: Variety tolerant of area's 1700mm rainfall. Bitter type. Cultivated. Seed.

PI 510533 donor id: RB-19. origin: Peru. local name: K'ello Quinoa (Quechua). collected: May 12, 1985. locality: Phoquera Chico Sector, Quiaca District, Sandia Province, Puno Department. latitude: 14 deg. 30 min. S. longitude: 69 deg. 20 min. W. elevation: 3650m. remarks: Bitter type. Plants tolerant of high rainfall, dampness, cold climate with heavy cloud cover. Cultivated. Seed.

PI 510534 donor id: RB-30. origin: Peru. local name: Witolla Joira, Ccoita Joira, Mollo Joira (Aymara), Quino Mezclada Tres Variedades (Span.). collected: July 28, 1985. locality: Chatuma Community, Pomata District, Chucuito Province, Puno Department. latitude: 16 deg. 17 min. S. longitude: 69 deg. 17 min. W. remarks: Four to five months planting to maturity. Sweet in taste. Three varieties of mixed quinoa. Producer: Gabino Perez Palacios. cold tolerance: Frost. Cultivated. Seed.