

PI 514644 to 514648-continued

PI 514646 **donor id:** NAA-233-520. **origin:** Poland. **pedigree:** New Yorker/A-33-129-91//A-33-129-91. **other id:** ULF 186. **remarks:** Matures as early as PI 514645. Cold fruit setting. Plants determinate with green fruit shoulders (u+). Breeding Material. Seed.

PI 514647 **donor id:** NA-562-139. **origin:** Poland. **pedigree:** New Yorker/A-33-129-91. **remarks:** Fruit large. Cold fruit setting. Matures a few days later than PI 514645. Plants determinate with uniform fruit ripening (u). Breeding Material. Seed.

PI 514648 **donor id:** NA-247-532. **origin:** Poland. **pedigree:** New Yorker/A-33-129-91. **other id:** UIF 286. **remarks:** Fruits larger than PI 514645. Matures earlier than New Yorker. Plants determinate with green fruit shoulders (u+). **disease resistance:** Late blight race 1 (Ph), some to *Septoria lycopersici*. Breeding Material. Seed.

PI 514649 to 514650. *Crambe abyssinica* Hochst. ex R. E. Fries
BRASSICACEAE Crambe

Donated by: Lessman, K.J., Department of Agronomy, Purdue University, Life Science Building, West Lafayette, Indiana, United States. Received July 1987.

PI 514649 **origin:** United States. **cultivar:** MEYER. **pedigree:** PI 247310/PI 279346. **remarks:** Plants intermediate in height, mostly pubescent. Maturity 82 days after emergence. Compared to 170 'elite' lines, Prophet and Indy, produced most oil and yielded more seed with equally good test weight. Standability superior to Prophet and Indy. Seedling vigor good. Formally released January, 1973. Susceptible to *Alternaria* sp. Cultivar. Seed.

PI 514650 **origin:** United States. **cultivar:** PROPHET. **pedigree:** Mass selection of heavy seed from PI 247310. **remarks:** Maturity 90 days after Emergence. Seedling vigor good. Produces 1.5 to 2.0% more oil than PI 247310 in southern Indiana. Formally released on February 29, 1968. Cultivar. Seed.

PI 514651 to 514670. *Oryza sativa* L. POACEAE Rice

Donated by: Okuno, K., Hokuriku National Agricultural Exp. Sta., Inada, Joetsu-shi, Niigata-ken 943-01, Japan. **remarks:** Received through quarantine increase by D.E. Groth. Disease resistance based on 0-9 scale with 0 being immune. Received December 18, 1987.