

Maturity approx. 30 days later than Duplo. Height 1.65 m.

PI 596535. *Brassica carinata* A. Braun

Breeding. BC-815-2. GP-15. Pedigree - Selection from UC77-1284. High yielding line under southern Spain rainfed conditions with average 68% more seed yield than Canola check cultivars. High resistance to pod shattering. Seed oil erucic acid 370 g Kg-1 and glucosinolate 141 umol g-1. Seed yellow to brown, average 1000-seed weight 4.0 g, protein content 285 g Kg-1 and oil 394 g Kg-1. Maturity approx. 20 days later than Duplo. Height 1.6 m.

PI 596536. *Brassica carinata* A. Braun

Breeding. BC-876-2. GP-16. Pedigree - Selection from UC77-1283. High yielding line under southern Spain rainfed conditions with average 71% more seed yield than Canola check cultivars. High resistance to pod shattering. High erucic acid 448 g Kg-1 seed oil and high glucosinolate 128 umol g-1 seed. Seed brown, average 1000-seed weight 3.9 g, seed oil and protein 378 g Kg-1 and 250 g Kg-1, respectively. Maturity approx. 20 days later than Duplo. Height 1.6 m.

PI 596537. *Brassica carinata* A. Braun

Breeding. BC-738-5. GP-17. Pedigree - Selection from UC77-1321. High yielding line under southern Spain rainfed conditions with average 46% more seed yield than Canola check cultivars. High resistance to pod shattering. Seeds large, yellow to brown, 1000-seed weight 6.5 g, high protein 296 g Kg-1, oil 385 g Kg-1. High erucic acid 461 g Kg-1 seed oil and glucosinolate 126 umol g-1 seed. Maturity approx 45 days later than Duplo. Height 1.7 m.

PI 596538. *Brassica carinata* A. Braun

Breeding. BC-834-2. GP-18. Pedigree - Selection from UC77-1308. Under southern Spain rainfed conditions yielded 17% more seed than Canola check cultivars. High resistance to pod shattering. Seed yellow, average 1000-seed weight 3.3 g, high oil 425 g Kg-1, high erucic acid 471 g Kg-1 seed oil, low glucosinolate 102 umol g-1, and protein 232 g Kg-1. Maturity approx. 30 days later than Duplo. Height 1.75 m.

PI 596539. *Brassica carinata* A. Braun

Breeding. BC-831-2. GP-19. Pedigree - Selection from UC77-1300. Under southern Spain rainfed conditions yielded 6% more seed than Canola check cultivars. High resistance to pod shattering. Seed yellow, average 1000-seed weight 4.6 g, high oil 424 g Kg-1, high sum of oil and protein 689 g Kg-1, low fiber 152 g Kg-1 ADF, high erucic acid 474 g Kg-1 seed oil, high glucosinolate 157 umol g-1 seed. Maturity approx. 30 days later than Duplo. Height 1.6 m.

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PI 596540. *Glycine max* (L.) Merr.