

PI 534649 to 534658-continued

PI 534651 **donor id:** RHA 365. **origin:** United States. **pedigree:** F6 derived restorer line selected from Romanian hybrid Select. **other id:** GP-112. **group:** CSR-SUNFLOWER. **remarks:** Germplasm restorer line with genetic diversity for agronomic and morphological characteristics and seed oil content. Genes for fertility restoration in male sterile cytoplasm (*H. petiolaris*) present. Plant height 72cm. Single head. Days to 50% bloom 64. Seed oil content 512gms per kg. Susceptible to downy mildew (*Plasmopara halstedii*) races 3 to 5 and sunflower rust (*Puccinia helianthi*) races 2 and 4. **disease resistance:** Downy mildew (*Plasmopara halstedii*) races 1 and 2. Sunflower rust (*Puccinia helianthi*) races 1 and 3. Tolerance to sclerotinia wilt (*Sclerotinia sclerotiorum*). Annual. Genetic Material. Seed.

PI 534652 **donor id:** RHA 366. **origin:** United States. **pedigree:** RF-8784/RHA 274, F5 derived F7. **other id:** GP-113. **group:** CSR-SUNFLOWER. **remarks:** Germplasm restorer line with genetic diversity for agronomic and morphological characteristics and seed oil content. Genes for fertility restoration in male sterile cytoplasm (*H. petiolaris*) present. Plant height 74cm. Single head. Days to 50% bloom 63. Seed oil content 496gms per kg. Susceptible to downy mildew (*Plasmopara halstedii*) races 3 to 5 and sunflower rust (*Puccinia helianthi*) races 1 to 4. **disease resistance:** Downy mildew (*Plasmopara halstedii*) races 1 and 2. Annual. Genetic Material. Seed.

PI 534653 **donor id:** RHA 367. **origin:** United States. **pedigree:** NS-H-26(Novosol)/RHA 274, F5 derived F7 Selection. **other id:** GP-114. **group:** CSR-SUNFLOWER. **remarks:** Germplasm restorer line with genetic diversity for agronomic and morphological characteristics and seed oil content. Genes for fertility restoration in male sterile cytoplasm (*H. petiolaris*) present. Plant height 75cm. Upper stem branching. Days to 50% bloom 63. Seed oil content 495gms per kg. Susceptible to downy mildew (*Plasmopara halstedii*) races 3 to 5, and sunflower rust race 4. **disease resistance:** Downy mildew (*Plasmopara halstedii*) races 1 and 2. Sunflower rust (*Puccinia helianthi*) races 1 to 3. Annual. Genetic Material. Seed.