

DETERMINATIONS OF CHROMOSOME NUMBER (2N) AND
ENDOSPERM BALANCE NUMBER (EBN) IN SOME LITTLE KNOWN
TUBER BEARING *SOLANUM*

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ABSTRACT

Diploid chromosome numbers and endosperm balance numbers are reported for taxa of tuber bearing *Solanum*.

KEY WORDS: Solanaceae, *Solanum*, chromosome number, cytology

Solanum acroglosum Juz. (Bull. Acad. Sci. U.R.S.S. 3:313-314. 1937.):
 $2n=24$; EBN = 2.

Solanum albornozii Corr. (*Wrightia* 2:178. 1961.): $2n=24$; EBN = 2.

Solanum amayanum Ochoa (*Amer. Pot. Jour.* 66:1-4. 1989.): $2n=24$; EBN = 2.

Solanum anamatophilum Ochoa (*Ann. Cient. Univ. Agr., Lima.* 2[4]:391-395. 1964): $2n=24$; EBN = 2.

Solanum antacochense Ochoa (*Amer. Pot. Jour.* 58[3]:127-129. 1981.): $2n=24$;
EBN = 2.

Solanum ayacuchense Ochoa (*Agronomía, Lima.* 26:312-313. 1959.): $2n=24$;
EBN = 2.

Solanum blanco-galdosii Ochoa (*Ann. Cient. Univ. Agr., Lima.* 11[3-4]:157-160. 1973.): $2n=24$; EBN = 2.

Solanum buesii Vargas (*Rev. Arg. Agron. Buenos Aires.* 10:396-397. 1943.):
 $2n=24$; EBN = 2.

- Solanum candolleianum* Berth. (Ann. Sci. Agron., Paris, ser. 3. 2:185. 1911.):
 $2n=24$; EBN = 2.
- Solanum cantense* Ochoa (Agronomía, Lima. 26:217-218. 1959.): $2n=24$;
EBN = 2.
- Solanum contumazaense* Ochoa (Ann. Cient. Univ. Agr., Lima. 2[2]:148-151.
1964.): $2n=24$; EBN = 2.
- Solanum chilhasense* Bitt. (Lorentzia, Argentina) 4:9-11. 1981.: $2n=24$; EBN
= 2.
- Solanum chiquidenum* Ochoa (Biota, Lima. 1:5-7. 1954.): $2n=24$; EBN = 2.
- Solanum dolichocremastrum* Bitt. (Fedde Repert. Sp. Nov. 12:3-4. 1913.):
 $2n=24$; EBN = 1.
- Solanum guzmanguense* Whalen & Sagast. (in Whalen, M.D., Sagastegui A.,
& Knapp, S. Brittonia 38[1]:9-12. 1986.): $2n=24$; EBN = 1.
- Solanum humectophilum* Ochoa (Darwiniana 15([3-4]:550-553. 1969.): $2n=24$;
EBN = 1.
- Solanum hypacrarthrum* Bitt. (Fedde Repert. Sp. Nov. 11:367-368. 1912.):
 $2n=24$; EBN = 1.
- Solanum immite* Dun. (in A.DC., Prodr. 13(I):32. 1852.): $2n=24$; EBN = 1.
- Solanum ingaeifolium* Ochoa (Agronomía, Lima. 26:319. 1959.): $2n=24$; EBN
= 1.
- Solanum irosinum* Ochoa (Amer. Pot. Jour. 58[3]:31-33. 1981.): $2n=24$; EBN
= 2.
- Solanum jalcae* Ochoa (Agronomía, Lima. 19:167. 1954.): $2n=24$; EBN = 2.
- Solanum litusinum* Ochoa (Phytologia 48[3]:229-232. 1981.): $2n=24$; EBN =
2.
- Solanum lobbianum* Bitt. (Fedde Repert. Sp. Nov. 12:446-447. 1913.): $2n=48$;
EBN = 2.
- Solanum minutifolium* Corr. (Wrightia 2:191. 1961.): $2n=24$; EBN = 1.
- Solanum nemorosum* Ochoa (Amer. Pot. Jour. 60[6]:389-392. 1983.): $2n=72$;
EBN = 4.
- Solanum neovavilovii* Ochoa (Amer. Pot. Jour. 60[11]:919-923. 1983.): $2n=24$;
EBN = 2.

- Solanum nubicola* Ochoa (Ann. Cient. Univ. Agr., Lima 8[3-4]:143-146. 1970.): $2n=48$; EBN = 2.
- Solanum olmosense* Ochoa (Ann. Cient. Univ. Agr., Lima. 3[1]:33-37. 1965.): $2n=24$; EBN = 1.
- Solanum orophilum* Corr. (Wrightia 2:192-193. 1961.): $2n=24$; EBN = 2.
- Solanum pampasense* Hawkes (Bull. Imp. Bur. Pl. Breed. & Genet. Cambridge. 125. 1944.): $2n=24$; EBN = 2.
- Solanum paramoense* Bitt. (ex Pittier, Man. Pl. Usual. Venez. 329. 1926.): $2n=48$; EBN = 4.
- Solanum peloquinianum* Ochoa (Amer. Pot. Jour. 57[1]:33-35. 1980.): $2n=24$; EBN = 2.
- Solanum pillahuatense* Vargas (Las Papas Sudperuanas, Univ. Ncl. del Cusco. 2:53-54. 1956.): $2n=24$; EBN = 2.
- Solanum piurae* Bitt. (Beibl. Bot. Jahrb., No. 119. 54:5-6. 1916.): $2n=24$; EBN = 2.
- Solanum quillonanum* Ochoa (Phytologia 67[3]:235. 1989.): $2n=24$; EBN = 2.
- Solanum raquialatum* Ochoa (Agronomía, Lima. 19:172-174. 1954.): $2n=24$; EBN = 1.
- Solanum suffrutescens* Corr. (Wrightia 2:183-184. 1961.): $2n=24$; EBN = 2.
- Solanum tacnaense* Ochoa (Agronomía, Lima. 18[74]:133,135-136. 1953.): $2n=24$; EBN = 2.
- Solanum taulisense* Ochoa (Ann. Cient. Univ. Agr., Lima. 1[3]:216-220. 1963.): $2n=24$; EBN = 2.
- Solanum trinitense* Ochoa (Ann. Cient. Univ. Agr., Lima. 2[3]:245-247. 1964.): $2n=24$; EBN = 1.
- Solanum urubambae* Juz. (Bull. Acad. Sci. U.R.S.S. 2:312-313. 1937.): $2n=24$; EBN = 2.
- Solanum villuspetalum* Vargas (Las Papas Sudperuanas. Univ. Ncl. del Cusco. 2:54. 1956.): $2n=24$; EBN = 2.
- Solanum wittmackii* Bitt. (Fedde Repert. Sp. Nov. 12:546. 1913.): $2n=24$; EBN = 1.