

July 8, 1985

CROP INFORMATION ON POCO II BARLEY

- 1] NAME OF CROP: BARLEY
- 2] NAME OF BREEDER: D. G. LORANCE  
WILBUR-ELLIS COMPANY  
P. O. BOX 699  
GLENDALE, ARIZONA 85311
- 3] BREEDING PROCEDURE: (SISTER SELECTION TO POCO)  
POCO II was selected from POCO parental material. POCO II was selected from the earlier heading, taller plants, at Mesa, Arizona, in 1981 and bulked row number 20032 at Mesa in 1982.

4] MORPHOLOGICAL AND PHYSIOLOGICAL CHARACTERISTICS THAT MIGHT BE OF VALUE IN FIELD INSPECTION:

*with blue sclerous layer*  
POCO II is a 6-row, white seeded, early heading barley. It heads 4-6 days earlier than POCO. It matures about the same time as POCO. It has a larger seed than POCO. POCO II is about 6" taller than POCO with a stiffer straw and stronger peduncle. Its head does not turn completely upside down as POCO and does not shatter as easily. It also has a shorter head than POCO.

Like POCO, it is much earlier than other known barley varieties.

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5] AREA OF ADAPTATION: ARIZONA AND CALIFORNIA  
FOR GROWERS WANTING THE EARLINESS OF  
POCO WITH A LARGER SEED.

6] EVIDENCE OF PERFORMANCE:

		<u>NUMBER SEEDS</u>	<u>BU. WT.</u>
1985	POCO	4,968	50
	POCO II	5,026	48.5
1984	POCO	6,288	49.5
	POCO II	5,901	49

7] REQUEST SUBMITTED BY:

D. G. LORANCE  
WILBUR-ELLIS COMPANY  
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GLENDALE, ARIZONA 85311