



PRODUCTION AND MARKETING BRANCH PLANT PRODUCTS DIVISION OTTAWA, ONTARIO	DIRECTION DE LA PRODUCTION ET DES MARCHES DIVISION DES PRODUITS VEGETAUX OTTAWA (ONTARIO)	May 1, 1974	1549
		Seed Section	
RE. OBJET			
DESCRIPTION OF VARIETY			

Buckwheat (Fagopyrum sagittatum Gilib.) Licence No.: 1549

Variety: Mancan

Issued: April 29, 1974

Origin and Breeding: Mancan was developed by the Agriculture Canada Research Station, Morden, Manitoba. The parental material originated from common buckwheat grown near Salkirk, Manitoba. The early selections were chosen by members of the Japanese Buckwheat Millers Association as having desirable seed characteristics and size. Initial seed was increased in isolation at Morden in 1970 and in Chile during the winter of 1970-71. Mancan has been included in the Co-operative Tests of Buckwheat since 1971 as strain MB-1. Final increase of the seed was made in Florida and Chile during the winter of 1972-73 and in Portage la Prairie, Manitoba in 1973.

Mancan has averaged approximately the same yield as Tempest and a slightly better yield than Tokyo during three years of testing. (Table 1).

Plant Characteristics:

Height: Medium, similar to Tokyo but shorter than Tempest (Table 2).
Leaves: Dark green, medium in size but larger than Tokyo or Tempest.
Stem: Thicker than Tokyo or Tempest. Varies in colour from green to reddish-purple.
Maturity: Mid-season, similar to Tokyo and Tempest, and especially suited to southern Manitoba.
Flowers: White, approximately one plant per thousand bears pink flowers.

Seed Characteristics:

Seeds - Large, about 25% larger than Tokyo.
 - Light to dark brown in color with some seeds being winged.
 - Approximately one plant per thousand bears seeds with a red pericarp which changes to dark brown at maturity.

Present Status: Breeder, Select and Foundation seed will be distributed in 1974 through the Provincial Stock Seed Committee in Manitoba, and the Seed Section, Agriculture Canada Research Station, Box 440, Regina will be responsible for the implementation of the distribution plan.

Recommended by: Research Branch, Agriculture Canada

Supported by: Canada Committee on Grain Breeding

GLW:mt

French translation will follow shortly

Nous vous ferons parvenir le texte français prochainement