

52818 to 52834.

From Groningen, Netherlands. Seeds presented by C. Broekema, director, Groninger Zaaizaadvereniging. Received March 29, 1921. Quoted notes by Mr. Broekema. Other notes adapted from *Groninger Zaaizaadvereniging, January 5, 1921.*

52818 to 52822. AVENA SATIVA L. Poaceæ.

Oats.

52818. "*Gouden regen* (golden drop)."

Svalofs gouden regen. The grain is intense yellow and has a very high weight per hectoliter. In some sandy districts this variety is chosen above all others because it succeeds on poor soil.

52819. "*Mansholt I.*"

This variety was obtained by Dr. Mansholt from a natural cross of *Deensche reuzenhaver* (Danish giant oat). It makes a vigorous growth which sometimes lodges on very rich soil, but it is to be recommended for fertile sandy soils. The grain is yellow, heavier than that of *Gouden regen*, but the weight per hectoliter is not as high. The husk is very thin.

52820. "*Mansholt II B.*"

A variety introduced into the trade in 1912, which, because of its excellent properties has been extensively grown. The straw is fairly stiff, and the yield in long slender grain is very good. In the better soils it has become a competitor of the *zegehaver*.

52821. "*Zegehaver* (Triumphal)."

52822. "*Zwarte President* (Black President)."

This variety has straw which is medium long and weak. The yield on light soils is very good, but on heavy soil the yield is below that of most of the white varieties. Its soil requirements are few, and it ripens very early. The husk is thin, so that it is a first-class feeding oat.

52823 to 52825. HORDEUM DISTICHON PALMELLA Harlan. Poaceæ.

Barley.

52823. "*Chevalier* (Chevalier, spring variety)."

A variety with a long narrow well-filled head. The grain yield is good and the weight per hectoliter is very high.

For previous introduction, see S. P. I. No. 5842.

52824. "*Goud* (golden)."

Svalofs goud. A variety with short, thin but strong straw, and small, full, somewhat yellow grain. It is preferred above other varieties by many growers and is extensively cultivated.

52825. [No label.]

52826 and 52827. LINUM USITATISSIMUM L. Linaceæ.

Flax.

52826. "*Blawbloeylnzaad.*"

Blue-flowered flax, the original seeds of which were imported from Russia.

52827. "*Witbloeylnzaad.*"

White-flowered flax. In the better flax districts this white-flowered variety has been increasingly cultivated during the last few years because it gives high yields of seeds and fiber. This form can better withstand unfavorable weather and is less particular about soil conditions.