

**Annual Report of the USDA National Arid Land Plant Genetic Resources Unit
(NALPGRU), Parlier, CA
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Research Leader and Curator**

INTRODUCTION

The National Arid Land Plant Genetic Resources Unit (NALPGRU), a worksite of the NCGR, serves as an important germplasm regeneration center for other National Plant Germplasm System (NPGS) sites that have species and accessions that require long frost-free seasons or arid conditions for seed production or regeneration of vegetative propagules. A back up collection of *Corylus* is maintained for the National Clonal Germplasm Repository (NCGR), Corvallis, OR. In addition, the NALPGRU is the priority site for conservation of arid land plant species with potential as industrial crops. These genetic resources are acquired, conserved, characterized, and distributed to scientists worldwide. The NALPGRU is located at the USDA-ARS San Joaquin Valley Agricultural Sciences Center, Parlier, CA.

Staff at the NALPGRU, Parlier

John Preece, Research Leader
Claire Heinitz, Curator
Jerry Serimian, Biological Science Technician
Vacant Agricultural Science Technician
Carmen Padilla, Pathways Technician

Personnel Changes

Vice-Wells Agricultural Science Technician, working with HR to fill.

Service

Distribution

NALPGRU distributions are in the form of seed, green cuttings/propagules, tissue or rooted plants depending on the crop and the nature of the request, and are filled and shipped year-round. The trend in distributions from NALPGRU is flat after a decrease due to a change in policy regarding distributions to home gardeners (Fig. 1). In FY 2018, 83% of orders were sent to domestic cooperators (Fig. 2), and these were sent mainly to US Federal agencies and Universities (Fig. 3).

Figure 1. Total NALPGRU orders and order items shipped from FY 2014-2018.

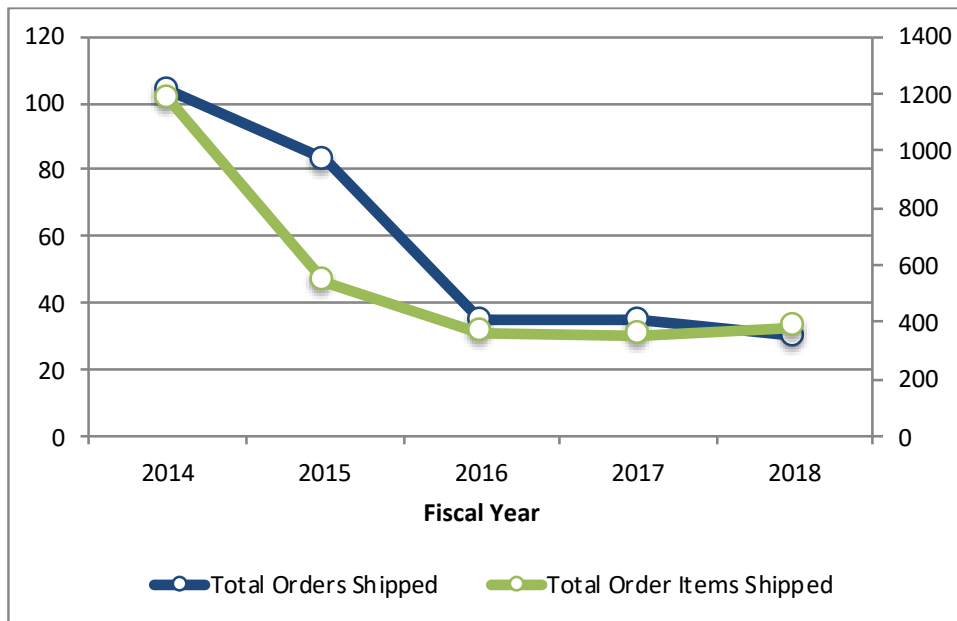


Figure 2. NALPGRU domestic and international distributions from FY 2014-2018.

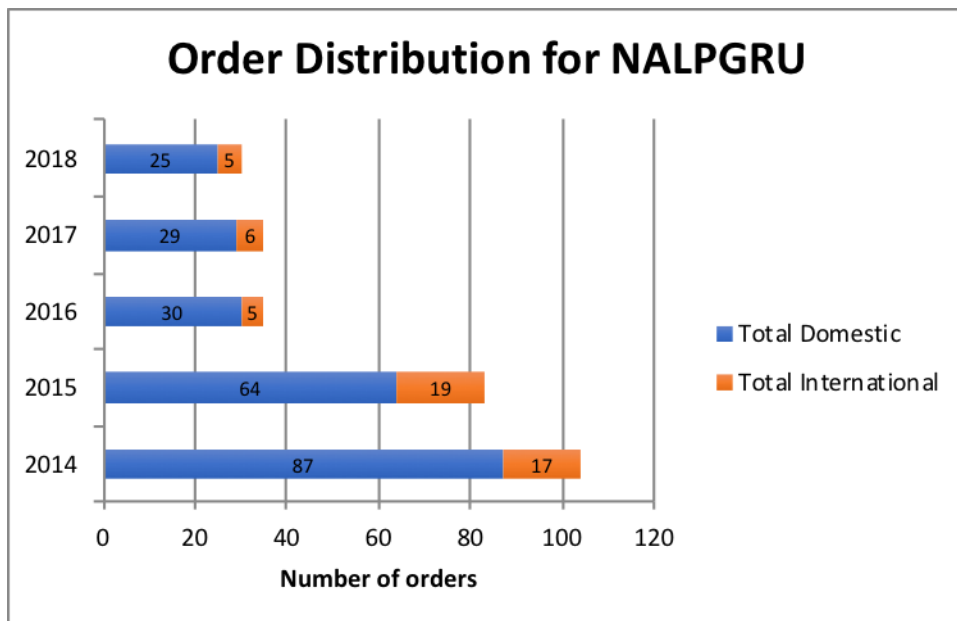


Figure 3. NALPGRU distribution to domestic customers during FY 2018.

